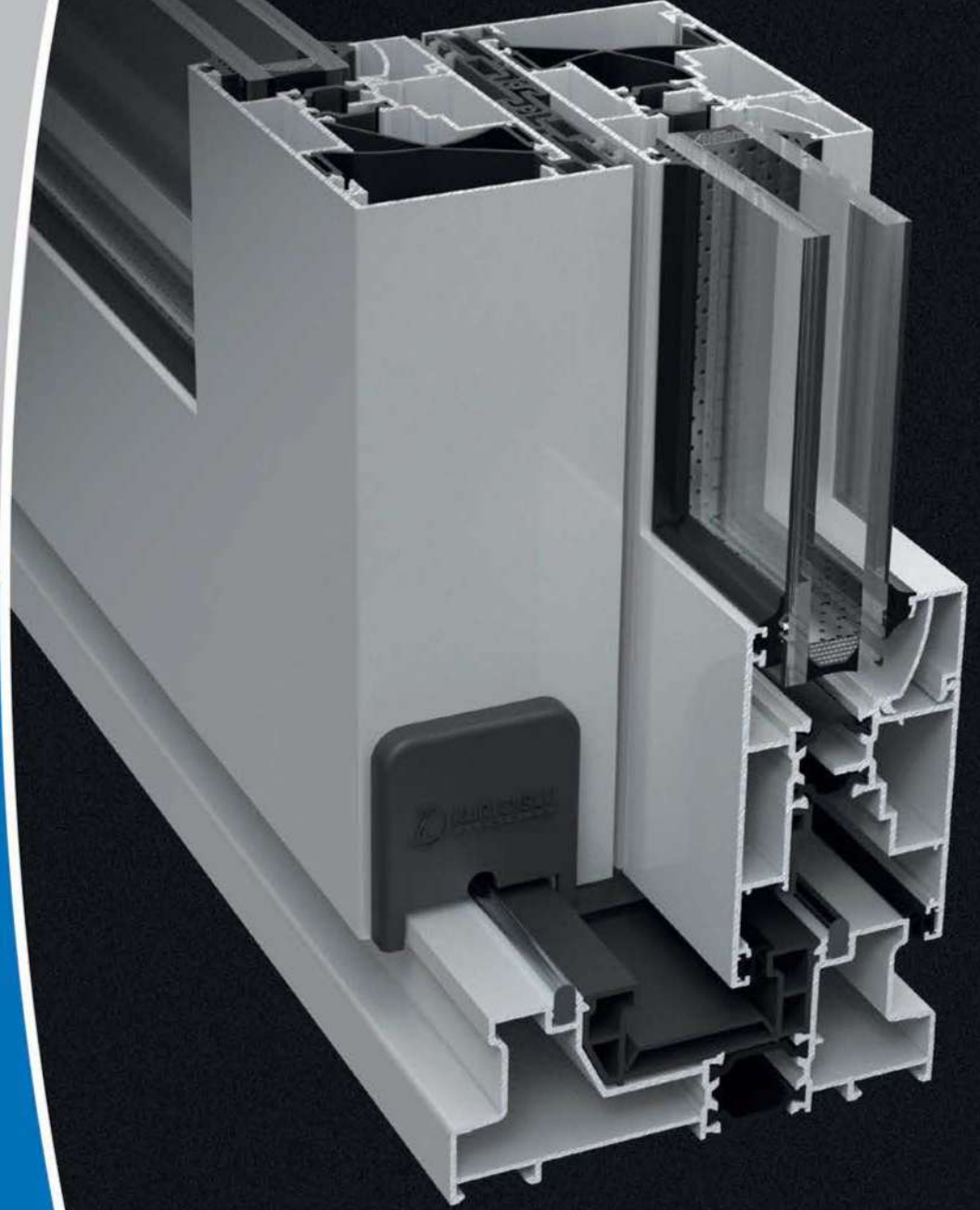


51LS

SLIDE & LIFT-SLIDE SYSTEM
SÜRME & KALDIR-SÜR SİSTEM



KURTOĞLU®
ALUMINIUM



MODERN HARMONY OF SAFETY AND AESTHETICS

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SLIDING / SÜRME

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innn



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'KURTOĞLU ALÜMİNYUM SİSTEMLERİ,
MİMARİ PROJELERİNİZE ESTETİK ÇÖZÜMLER SUNAR.'



BRL
Aluminium System

Lorenzoline
aluminium profile system

Lorenzo
bond
Aluminium Composite Panel

aluteams
Aluminium Profile Systems





COMPANY INFORMATION

FİRMAMIZ HAKKINDA

Our company started its operations with copper and lead casting in the 1960s, and in 1980, we started to serve in the Aluminium Sector with aluminium extrusion press that has 1200 ton capacity. KURTOĞLU Aluminium is located in Corlu, approximately 100 km away from Istanbul and operates in 31.000 m2 indoor area. With our latest investments, our company has become a modern integrated facility.

- Annual production capacity ~ 34.000 tons,
- Approximately ~ 500 qualified employees,
- ISO 9001:2015 Quality System.
- Qualicoat Seaside Certificate,
- Qualanod Certificate,
- CE Certificate

The main production features of our Company are described as follows:

- Molding Room (Wire Erosion, Treatment Center),
- Aluminium Extrusion Presses, (800 tons, 1460 tons, 1880 tons, 1460/1880 tons, 2100 tons and 2600 tons),
- Anodic Oxidation Facility (75.000 amps - 412.500 m2 / month)
- Electrostatic Powder Paint Facility (750.000 m2 / month)
- Mechanical Processing Section (CNC Treatment Center)

Kurtoğlu Alüminyum exports its products to; U.S. America, New York, Los Angeles, San Francisco, Switzerland, Germany, Austria, Belgium, Sweden, Albania, England, Greece, Bulgaria, Cyprus, Serbia, Montenegro, Hungary, Georgia, Croatia, Turkmenistan, Kyrgyzstan, Azerbaijan, Moldova, Ukraine, Macedonia, Kosovo, Romania, Belarus, Czech Republic, Libya, Iraq, Algeria, Tunisia, Qatar, Nigeria, Israel, Ghana, Gabon, France, India, Saudi Arabia, Burkina Faso, Ethiopia, Egypt, Ivory Coast, Morocco, Poland, The Netherlands, Russia, Madagascar, Niger, Tanzania, Mozambique, Norway, Lebanon, Mayotte, Palestine, Senegal, Somali, Benin, Canada, Panama.

KURTOĞLU ALUMINIUM continues to operate based on the principle of providing services to its customers with zero fault.

Şirketimiz 1960' ılı yıllarda Bakır ve Kurşun ile üretim hayatına başlamıştır. 1980 yılında 1200 tonluk Alüminyum Ekstrüzyon presi ile üretim sektörüne girmiştir.

KURTOĞLU Alüminyum; İstanbul'a yaklaşık 100 km mesafede Çorlu'da bulunmaktadır. 31.000 m² kapalı alanda faaliyetini sürdürmektedir. Son yapılan yatırımlarla şirketimiz modern bir entegre tesis haline ulaşmıştır.

- Yıllık kapasite ~ 34.000 ton,
- Yaklaşık ~ 500 kalifiye eleman,
- ISO 9001:2015 kalite sistemi,
- Qualicoat Seaside Belgesi,
- Qualanod Belgesi,
- CE Belgesi,

Şirketimizin ana özellikleri aşağıda da belirtilmiştir:

- Kalıphane Bölümü (Tel erozyon, İşleme Merkezi)
- Alüminyum Ekstrüzyon Presleri; (800 ton, 1460 ton, 1880 ton, 1460/1880 ton, 2100 ton ve 2600 ton),
- Elokso Tesisi (75.000 Amper - 412.500 m² / Ay)
- Elektrostatik Toz Boya Tesisi (750.000 m² / Ay)
- Mekanik İşlem Bölümü (CNC İşleme Merkezi)

KURTOĞLU Alüminyum Ürünleri; Amerika, New York, Los Angeles, San Francisco, İsviçre, Almanya, Avusturya, Belçika, İsveç, Arnavutluk, İngiltere , Yunanistan, Bulgaristan, Kıbrıs, Sırbistan, Karadağ, Macaristan, Gürcistan, Hırvatistan, Türkmenistan, Kırgızistan, Azerbaycan, Moldova, Ukrayna, Makedonya, Kosova, Romanya, Beyaz Rusya, Çek Cumhuriyeti, Libya, Irak, Cezayir, Tunus, Katar, Nijerya, İsrail, Gana, Gabon, Fransa, Hindistan, Suudi Arabistan, Burkina Faso, Etiyopya, Mısır, Fil Dişi Sahili, Fas, Polonya, Hollanda, Rusya Federasyonu, Madagaskar, Nijer, Tanzanya, Mozambik, Norveç, Lübnan, Mayotte, Filistin, Senegal, Somali, Benin, Kanada, Panama' ya ihraç edilmektedir.

KURTOĞLU ALÜMİNYUM müşterilerine sıfır hata ile hizmet vermeyi temel alarak çalışmalarını sürdürmektedir.

'The countries of export; İhracat yapılan ülkeler'



Kurtoğlu Aluminium countries of export / İhracat yapılan ülkeler.

- | | | | |
|--------------------------|------------------------------------|----------------------------------|---------------------------|
| • U.S. America / Amerika | • Hungary / Macaristan | • Tunisia / Tunus | • Russia / Rusya |
| • New York | • Georgia / Gürcistan | • Qatar / Katar | • Madagascar / Madagaskar |
| • Los Angeles | • Croatia / Hırvatistan | • Nigeria / Nijerya | • Niger / Nijer |
| • San Francisco | • Turkmenistan / Türkmenistan | • Israel / İsrail | • Tanzania / Tanzanya |
| • Switzerland / İsviçre | • Kyrgyzstan / Kırgızistan | • Ghana / Gana | • Mozambique / Mozambik |
| • Germany / Almanya | • Azerbaijan / Azerbaycan | • Gabon / Gabon | • Benin |
| • Austria / Avusturya | • Moldova / Moldova | • France / Fransa | • Palestine / Filistin |
| • Belgium / Belçika | • Ukraine / Ukrayna | • India / Hindistan | • Canada / Kanada |
| • Sweden / İsveç | • Macedonia / Makedonya | • Saudi Arabia / Suudi Arabistan | • Lebanon / Lübnan |
| • Albania / Arnavutluk | • Kosovo | • Burkina Faso / Burkina Faso | • Mayotte / Mayotte |
| • England / İngiltere | • Romania / Romanya | • Ethiopia / Etiyopya | • Norway / Norveç |
| • Greece / Yunanistan | • Belarus / Beyaz Rusya | • Egypt / Mısır | • Panama |
| • Bulgaria / Bulgaristan | • Czech Republic / Çek Cumhuriyeti | • Ivory Coast / Fil Dişi Sahili | • Senegal / Senegal |
| • Cyprus / Kıbrıs | • Libya / Libya | • Morocco / Fas | • Somali |
| • Serbia / Sırbistan | • Iraq / Irak | • Poland / Polonya | |
| • Montenegro / Karadağ | • Algeria / Cezair | • The Netherlands / Hollanda | |



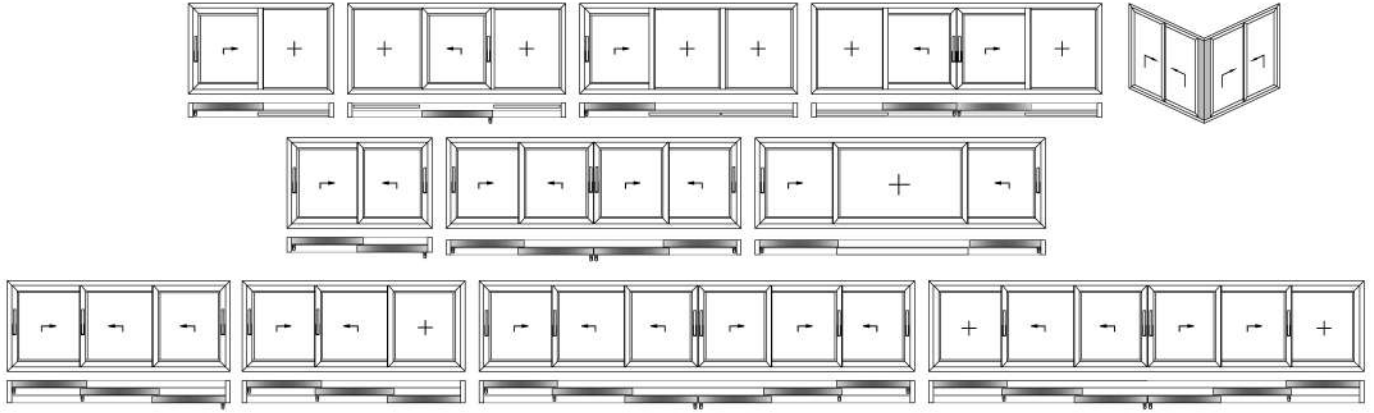
KURTOĞLU®
ALUMINIUM



511S

TECHNICAL INFORMATION / TEKNİK BİLGİLER

LIFT & SLIDE VARIETIES / KALDIR & SÜR SEÇENEKLERİ

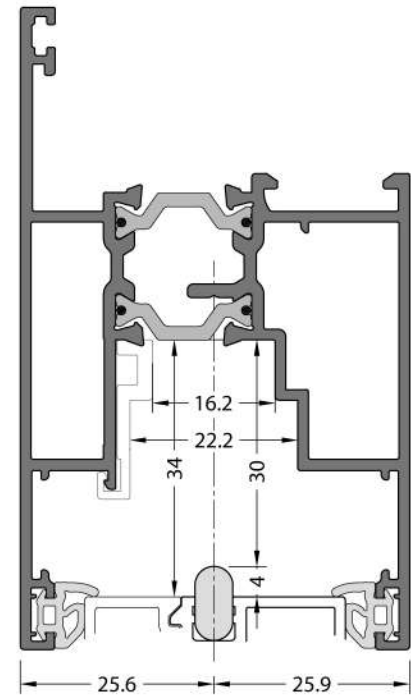
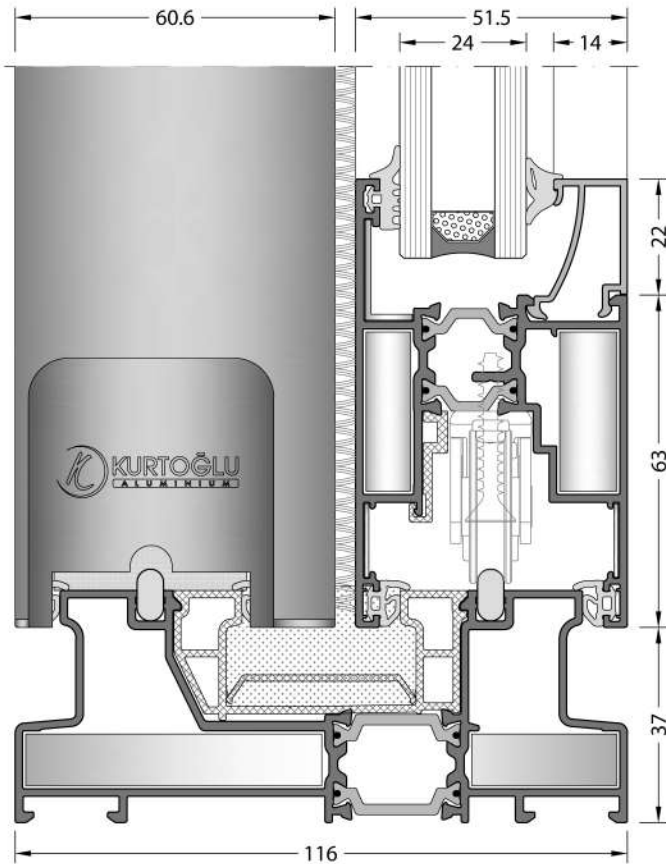


51LS LIFT & SLIDE SYSTEM

- 200 kg carrying capacity,
- Lift & Slide and Sliding door with same profiles,
- Superior air permeability and water tightness with EPDM and composite gaskets,
- Maximum vision area thanks to 50mm narrow clamp,
- Practical assembly with special accessories for system,
- Fly screen solution for all frames,
- High doors thanks to reinforced profiles,

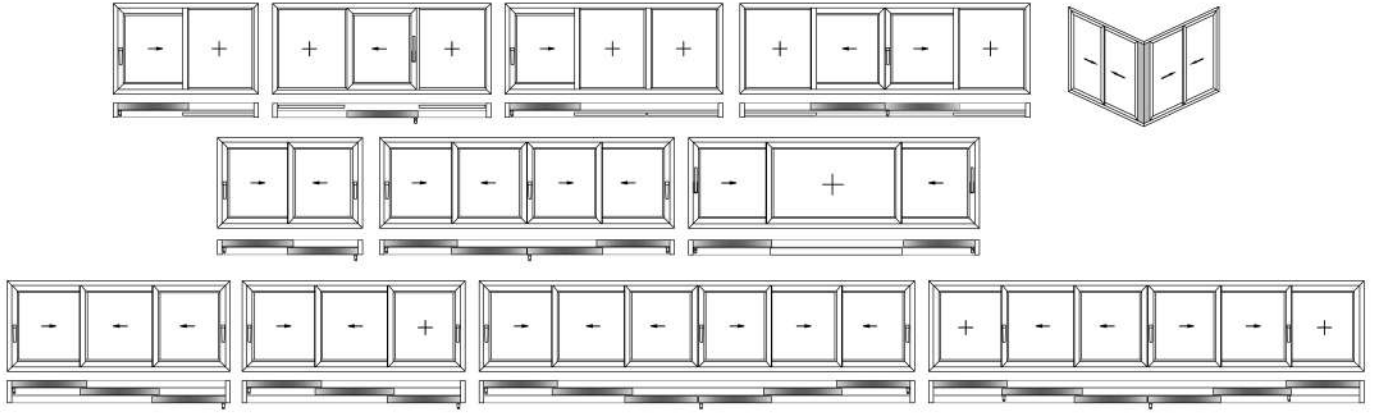
51LS KALDIR & SÜR SİSTEM

- 200 kg taşıma kapasitesi,
- Aynı profillerle Kaldır Sür ve Sürme kapı yapabilmek,
- EPDM ve kompozit fitiller sayesinde üstün hava ve su izolasyonu,
- 50mm Dar kenet sayesinde maksimum seviyede vizyon alanı,
- Sisteme özel aksesuar çözümleriyle pratik uygulama,
- Tüm kasalar için sineklikli çözüm,
- Takviyeli profiller sayesinde yüksek kapılar,



Univesal Lift & Slide Accesories Groove
Universal Kaldır-Sür Aksesuar Kanalı

SLIDE VARIETIES / SÜRME SEÇENEKLERİ

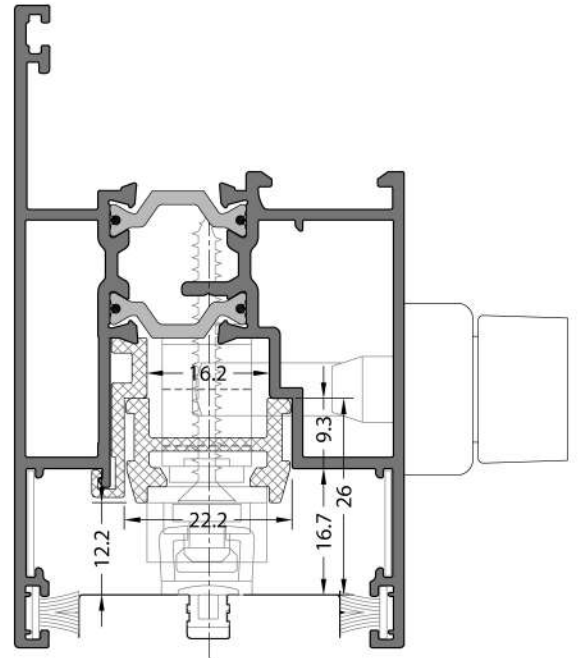
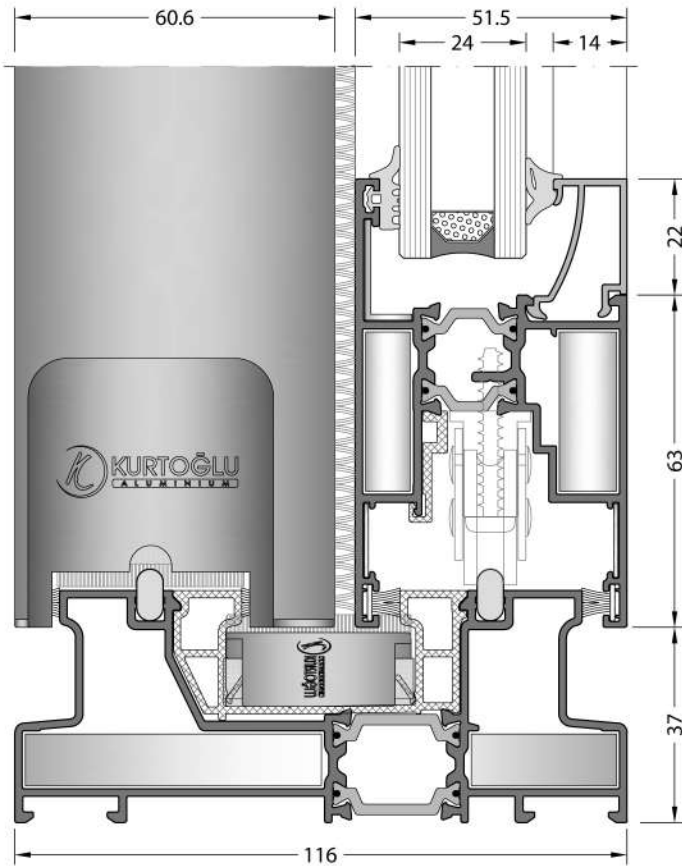


51LS SLIDE SYSTEM

- 80 kg carrying capacity (120kg with 4 pulleys),
- Lift & Slide and Sliding door with same profiles,
- Maximum vision area thanks to 50mm narrow clamp,
- Practical assembly with special accessories for system,
- Fly screen solution for all frames,
- High doors thanks to reinforced profiles,

51LS SÜRME SİSTEM

- 80 kg taşıma kapasitesi (4 rulman ile 120kg),
- Aynı profillerle Kaldır Sür ve Sürme kapı yapabilme,
- 50mm Dar kenet sayesinde maksimum seviyede vizyon alanı,
- Sisteme özel aksesuar çözümleriyle pratik uygulama,
- Tüm kasalar için sineklikli çözüm,
- Takviyeli profiller sayesinde yüksek kapılar,



systemproperties / sistembilgisi

Construction Depth	Vent : 51.5 mm	Derinlik	Kanat : 51.5 mm
Glazing	Glazing from 4 mm up to 36 mm with dry EPDM gaskets. The choice of joits and glazing beads depend on the thickness of the glass. According to the tolerances of the glazing either a smaller or bigger joint and or glazing bead is used.	Cam Kalınlığı	Cam kalınlığı EPDM fitil ile birlikte 4 mm - 36 mm aralığındadır. Bağlantı ve çita cam kalınlığına göre seçilmelidir. Cam toleransına göre küçük yada büyük bağlantı veya cam çitası kullanılır.
Insulation Bar Thermal Permability	18 / 24 mm Uf = 2,54 ~ 4,59 W / m2K	Isı Bariyeri	18 / 24 mm
Connections	Press corner joints can apply for fixing corners. The mullions and transoms fix with T junction or directly screw.	Isı Geçirgenliği	Uf = 2,54 ~ 4,59 W / m2K
Gaskets	All system gaskets are made from EPDM rubber.	Bağlantılar	Köşeyi birleştirmek için pres köşe bağlantıları uygulanabilir. Orta kayıt birleşimlerinde T bağlantı yada vida kullanılır.
		Fitil	Sistemin tüm fitilleri EPDM'dir.

productionproperties / üretimbilgisi

Alloy	The aluminium profiles have been extruded from the alloy EN-AW 6063 according to the EN-AW 6060.		Alüminyum profiller EN-AW 6063 alaşımından ve EN-AW 6060 standardına göre üretilir.	
	Physical Properties		Fiziksel Özellikler	
	1. Density	: 2.70 Kg / dm3	1. Yoğunluk	: 2.70 Kg / dm3
	2. Modules of Elasticity	: 69 kN / mm2	2. Elastisite Modülü	: 69 kN / mm2
	3. Resistivity	: 20° 33 n Ω .m	3. Direnç	: 20° 33 n Ω .m
	4. Melting point	: 600 - 655 °C	4. Erime Noktası	: 600 - 655 °C
	5. Linear expeansion coefficient	: 20 - 100°C μ °C ⁻¹	5. Genişleme Katsayısı	: 20 - 100°C μ °C ⁻¹
	Mechanical Properties		Mekanik Özellikler	
	1. Tensile strength	: Min 215 MPa	1. Kopma Dayanıklılığı	: Min 215 MPa
	2. Yield strength	: 190 MPa	2. Elastisite Limiti	: 190 MPa
Surface Treatment	3. Elongation	: % 10	3. Uzama	: % 10
	4. Hardness	: 67 Brinell	4. Sertlik	: 67 Brinell
	Anodising		Eloksal	
	In anodising process , microns of the profiles for the inside and outside use are different. The complete anodisation process takes place in accordance with the specifications of QUALANOD .		Eloksal projesinde profil mikronları iç ve dış kullanım için farklıdır. Bütün eloksalları projesi QUALANOD spesifikasyonlarına göre uygulanır.	
	Electrostatic Powder Coating		Elektrostatik Toz Boya	
	The thermal break allows the profile to be painted when compounded. On average, the coating thickness is minimally 60 micron. The complete powder coating process takes place in accordance with the specifications of QUALICOAT SEASIDE .		Isı bariyeri çakıldığında profil boyanabilir. Genel olarak kaplama kalınlığı minimum 60 mikrondur. Bütün toz boya projesi QUALICOAT SEASIDE spesifikasyonlarına göre uygulanır.	
			Yüzey İşlem	



AVRASYA CEPHE-DOĞRAMA TEST VE TEKNOLOJİ MERKEZİ A.Ş.

Cumhuriyet Mahallesi 1. Cadde 1. Sokak No:1 81600
II. OSB Beyköy – DÜZCE/TÜRKİYE



Deney Raporu
Test Report

AB-0926-T
18-085-PR01
12.11.2018

Sayfa (Page): 1 / 24

Müşterinin adı/adresi: Customer name/address	Kurtoğlu Alüminyum Velimeşe Organize Sanayi Bölgesi Mahallesi 224.Sk. No 6/1 59851 Ergene / Tekirdağ / TÜRKİYE
İstek Numarası: Order No.	18-085-PR01
Numunenin adı ve tanımı: Name and identity of test item	Kurtoğlu Alüminyum- 51LS Sistem / Devirmeli Sürme Pencere - Servis Çerçevesi Sağa Doğru Sürülen Kurtoğlu Alüminyum - 51 LS System / Lifting Sliding Sash - Active Leaf Sliding To Right
Numunenin kabul tarihi: The date of receipt of test item	24.09.2018
Açıklamalar: Remarks	EN 1026, EN 1027, EN 12211 deney metotları kullanılmıştır. EN 1026, EN 1027, EN 12211 testing methods were performed.

EN 12207 - Hava Geçirgenliği	Sınıf 4	EN 12207 - Air Permeability	Class 4
EN 12208 - Su Sızdırmazlık	E ₉₀₀	EN 12208 - Watertightness	E ₉₀₀
EN 12210 - Rüzgar Yüklerine Dayanım	Sınıf C4	EN 12210 - Resistance to Wind Load	Class C4

Deneyin yapıldığı tarih:
Date of Test

26.09.2018

Deney Raporu Sayfa Sayısı:
Number of pages of the test report

24

Avrasya Cephe-Doğrama Test ve Teknoloji Merkezi A.Ş. TÜRKAK'tan AB-0926-T dosya numarası ile TS EN ISO/IEC 17025:2012 standardına göre akredite edilmiştir.

Avrasya Cephe-Doğrama Test ve Teknoloji Merkezi A.Ş. accredited by TÜRKAK under registration number AB-0926-T for TS EN ISO/IEC 17025:2012 as test laboratory"

Deney ve /veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (eğer varsa) ve deney metotları bu sertifikanın tamamlayıcı kısmı olan ekler ile sunulmaktadır.

The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this declaration.

"Türk Akreditasyon Kurumu (TÜRKAK) deney raporlarının tanınması konusunda Avrupa Akreditasyon Birliği (EA) ve Uluslararası Akreditasyon Birliği (ILAC) ile Çok Taraflı Tanınma Anlaşmasını imzalamıştır."

The Turkish Accreditation Agency(TÜRKAK) is signatory to the multilateral agreements of the European co-operation for the Accreditation(EA) and of the International Laboratory Accreditation(ILAC) for the Mutual recognition of test reports

Bu deney raporu: Firmamıza ulaşan numunelere deney ve/veya deneyler uygulanarak elde edilmiştir.

Müşteriye ait diğer numuneleri kapsamaz.

(This test report was prepared after applying test/tests to the samples that are sent to our company.

(Note that this declaration does not involve other samples of the customer.)



Tarih
Date
12.11.2018

Deney Sorumlusu
Person in charge of test
Ahmet ŞERAS

Onaylayan
Approval
Çağlayan KARATAY

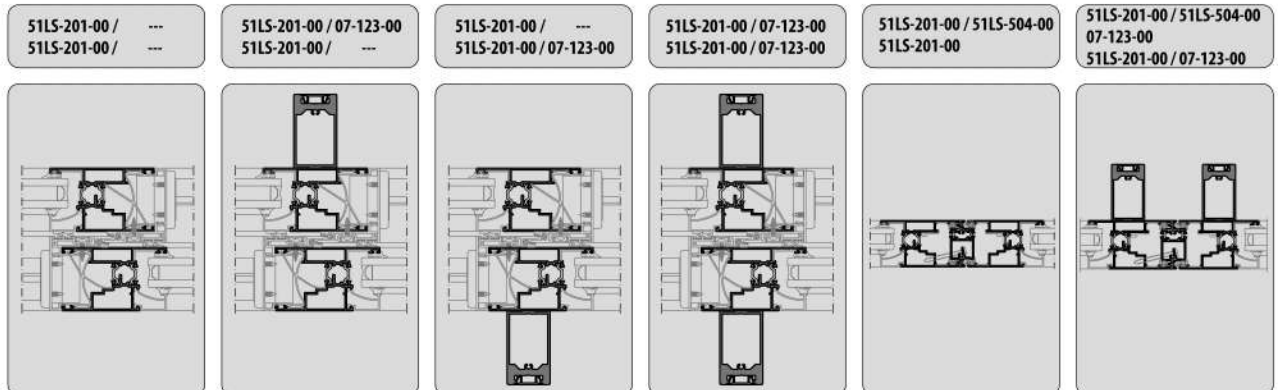
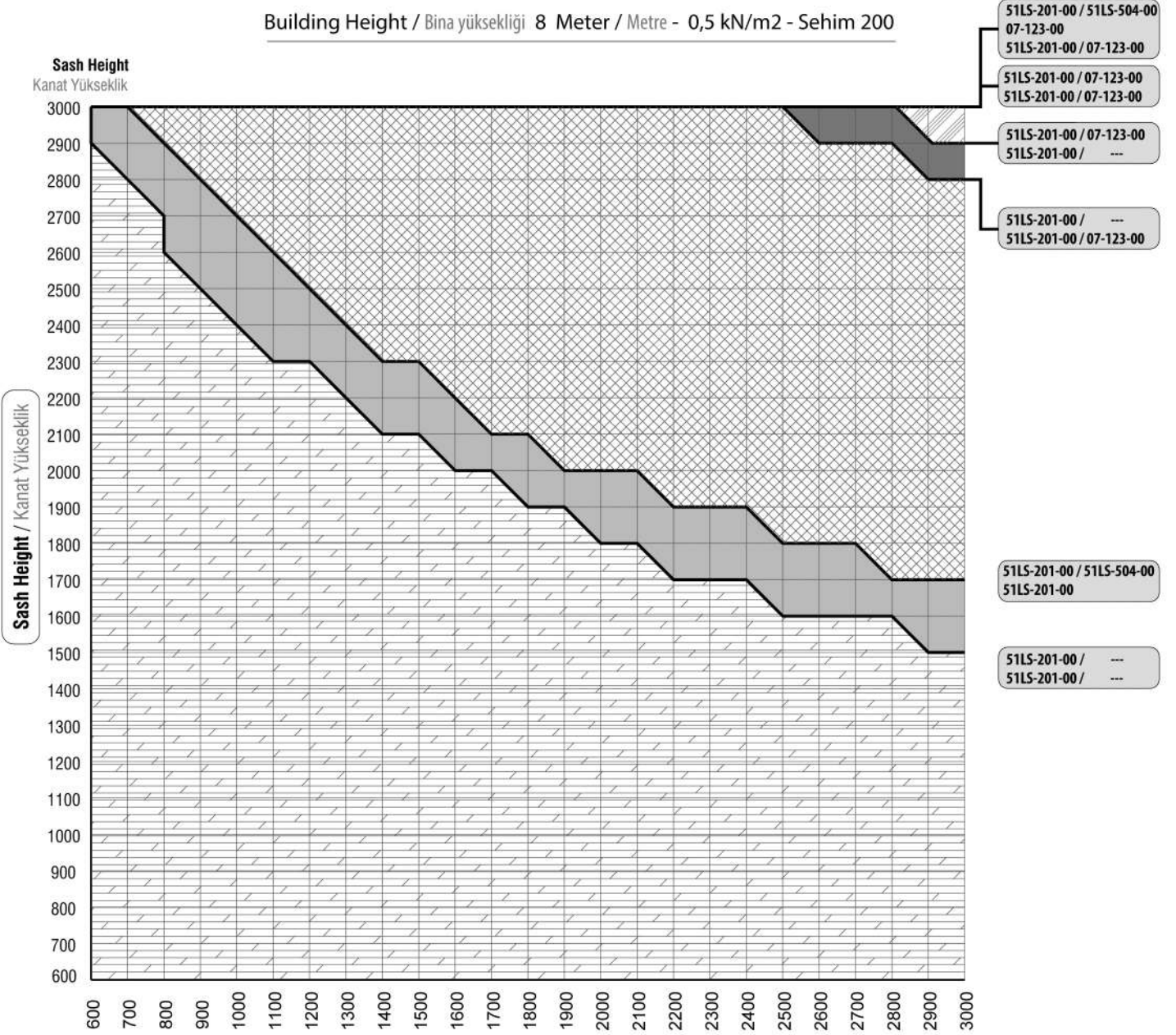
FORM NO : AVR.003
YAYIN TARİHİ : 30.10.2015

REV. NO : 03
REV. TARİHİ : 14/02/2018

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Testing reports without signature and seal are not valid

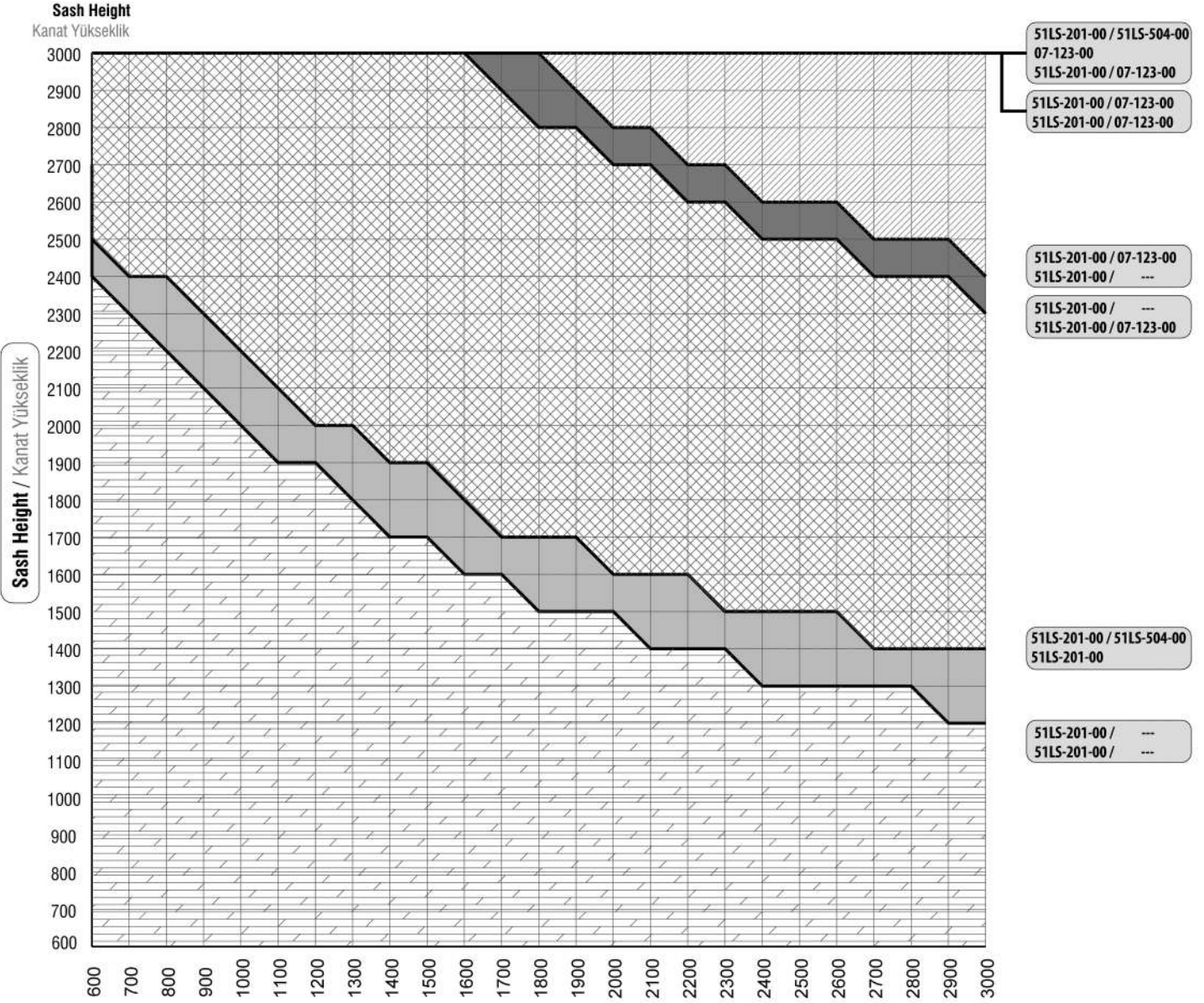
STATIC DIAGRAM / STATİK DİYAGRAM

Building Height / Bina yüksekliği 8 Meter / Metre - 0,5 kN/m² - Sehim 200

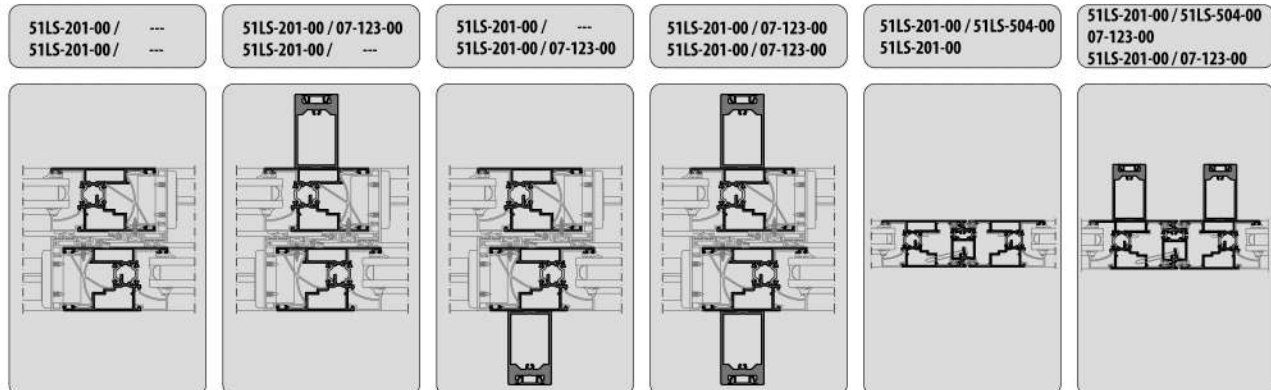


STATIC DIAGRAM / STATİK DİYAGRAM

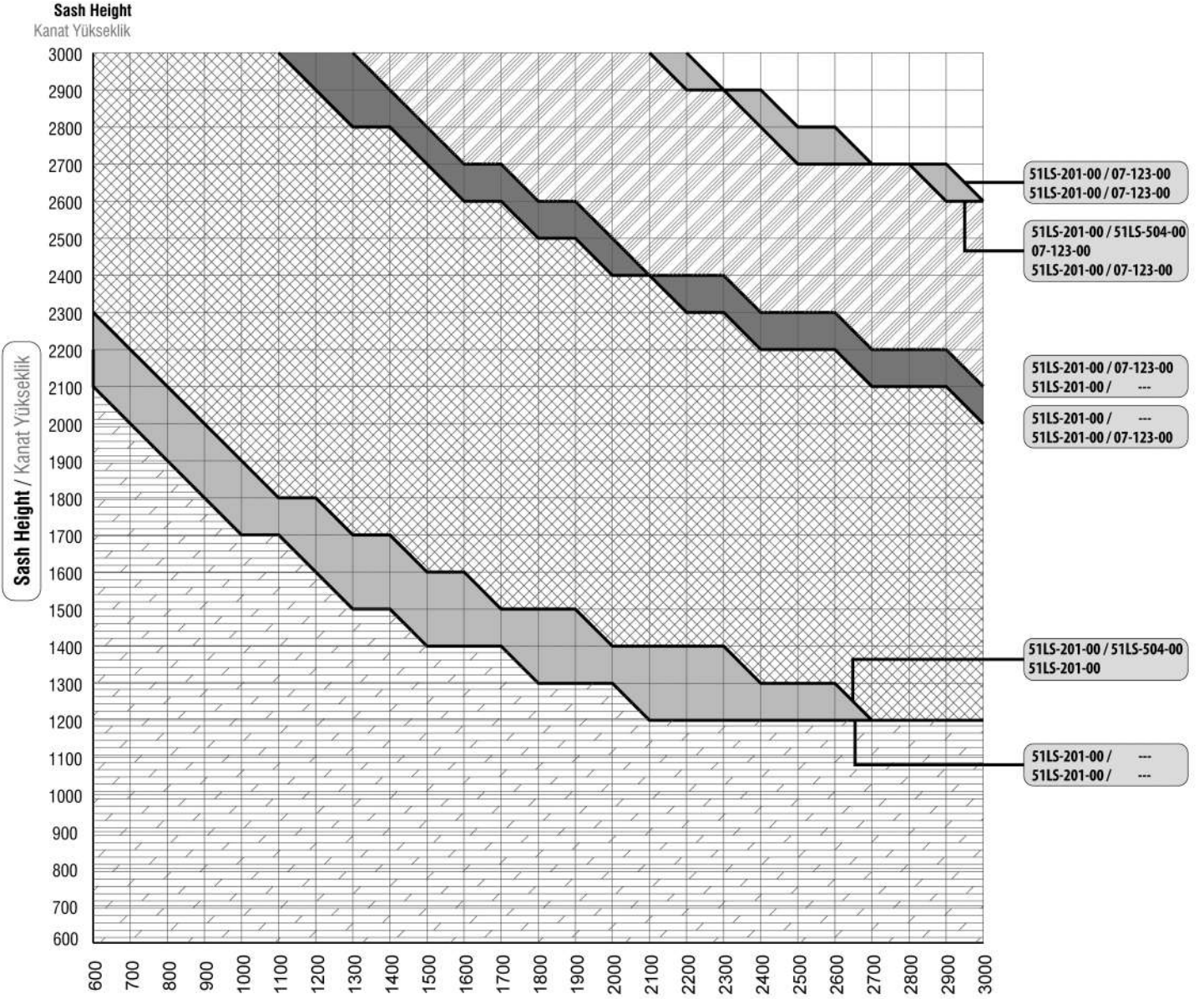
Building Height / Bina yüksekliği 8 - 20 Meter / Metre - 0,8 kN/m² - Sehim 200



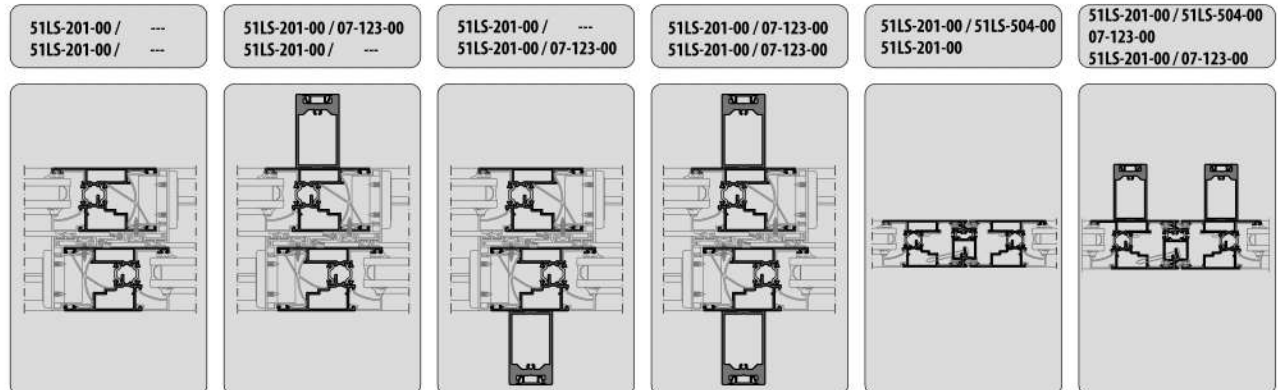
Sash Width / Kanat Genişlik



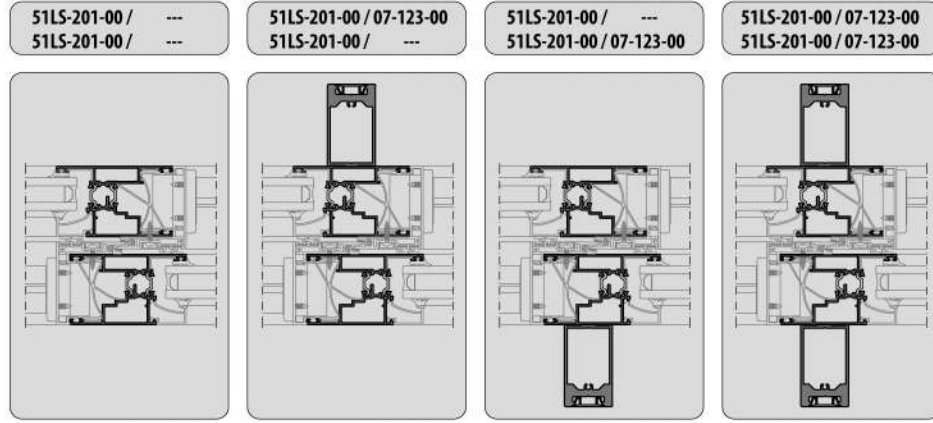
STATIC DIAGRAM / STATİK DİYAGRAM

Building Height / Bina yüksekliği 20 - 100 Meter / Metre - 1,1 kN/m² - Sehim 200

Sash Width / Kanat Genişlik



STATIC VALUES / STATİK DEĞERLER

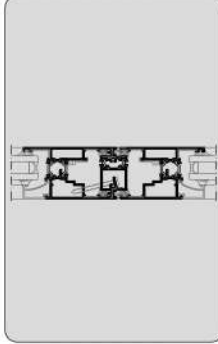
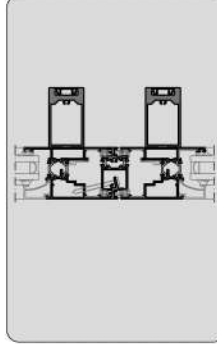


Jx(cm4)

	51LS-201-00 / --- 51LS-201-00 / ---	51LS-201-00 / 07-123-00 51LS-201-00 / ---	51LS-201-00 / --- 51LS-201-00 / 07-123-00	51LS-201-00 / 07-123-00 51LS-201-00 / 07-123-00
600	9,61	68,90	76,90	136,18
700	10,78	71,59	79,84	140,65
800	12,02	74,51	83,03	145,51
900	13,30	77,58	86,40	150,68
1000	14,59	80,76	89,89	156,07
1100	15,87	84,01	93,45	161,59
1200	17,14	87,26	97,04	167,17
1300	18,36	90,50	100,61	172,75
1400	19,54	93,69	104,13	178,28
1500	20,66	96,80	107,57	183,71
1600	21,73	99,82	110,91	189,01
1700	22,73	102,73	114,14	194,14
1800	23,68	105,53	117,25	199,10
1900	24,57	108,21	120,23	203,87
2000	25,40	110,76	123,07	208,43
2100	26,18	113,19	125,77	212,78
2200	26,90	115,49	128,34	216,93
2300	27,58	117,68	130,78	220,88
2400	28,21	119,74	133,09	224,62
2500	28,80	121,69	135,27	228,17
2600	29,35	123,54	137,33	231,52
2700	29,86	125,27	139,28	234,70
2800	30,33	126,91	141,12	237,70
2900	30,78	128,46	142,86	240,54
3000	31,19	129,92	144,50	243,22

PROFILE LENGTH / PROFİL BOYU (mm)

STATIC VALUES / STATİK DEĞERLER

51LS-201-00 / 51LS-504-00
51LS-201-0051LS-201-00 / 51LS-504-00 / 07-123-00
51LS-201-00 / 07-123-00Jx(cm⁴)51LS-201-00 / 51LS-504-00
51LS-201-00

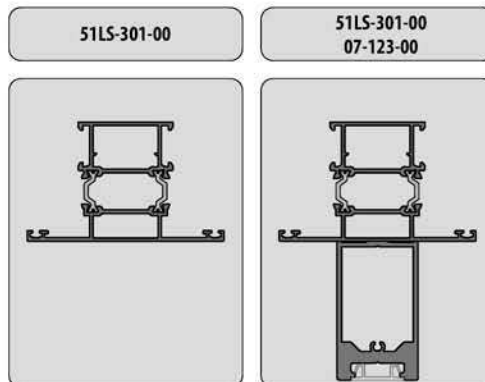
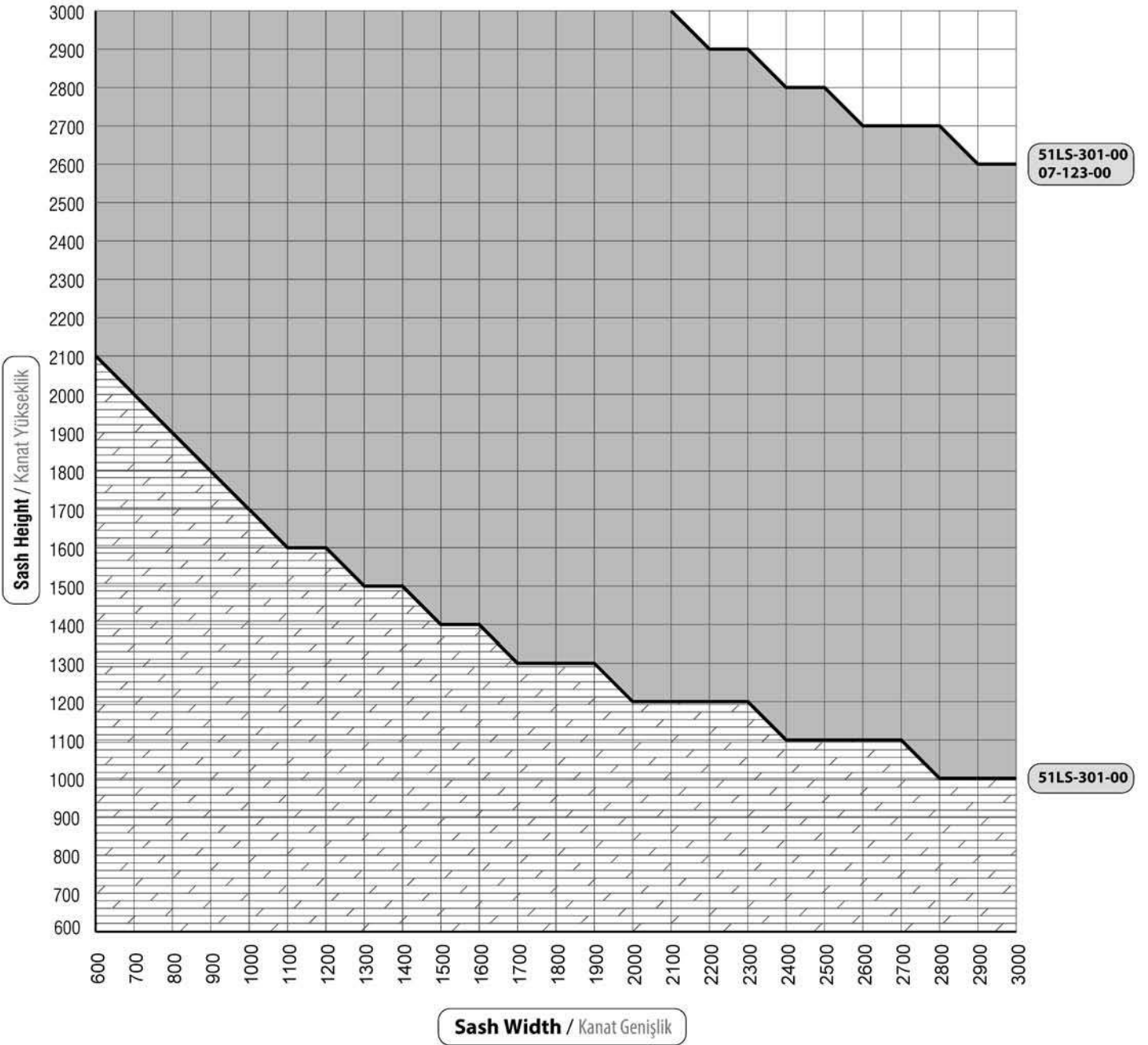
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51LS-201-00 / 51LS-504-00
51LS-201-00

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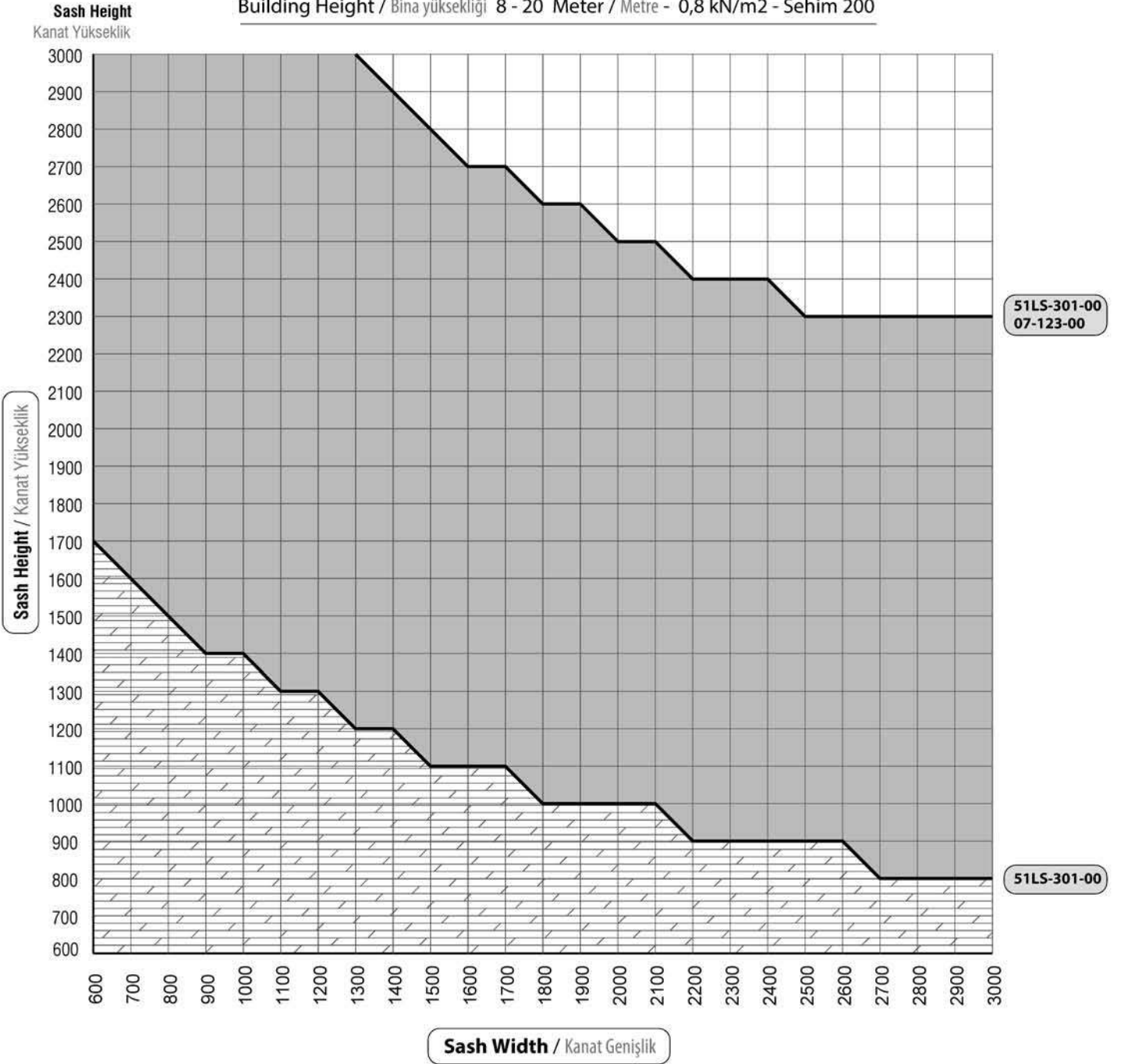
STATIC DIAGRAM / STATİK DİYAGRAM

Building Height / Bina yüksekliği 8 Meter / Metre - 0,5 kN/m² - Sehim 200

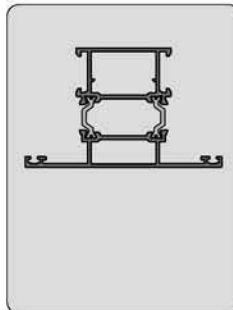


STATIC DIAGRAM / STATİK DİYAGRAM

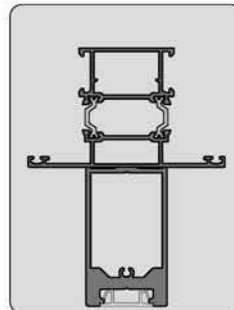
Building Height / Bina yüksekliği 8 - 20 Meter / Metre - 0,8 kN/m² - Sehim 200



51LS-301-00

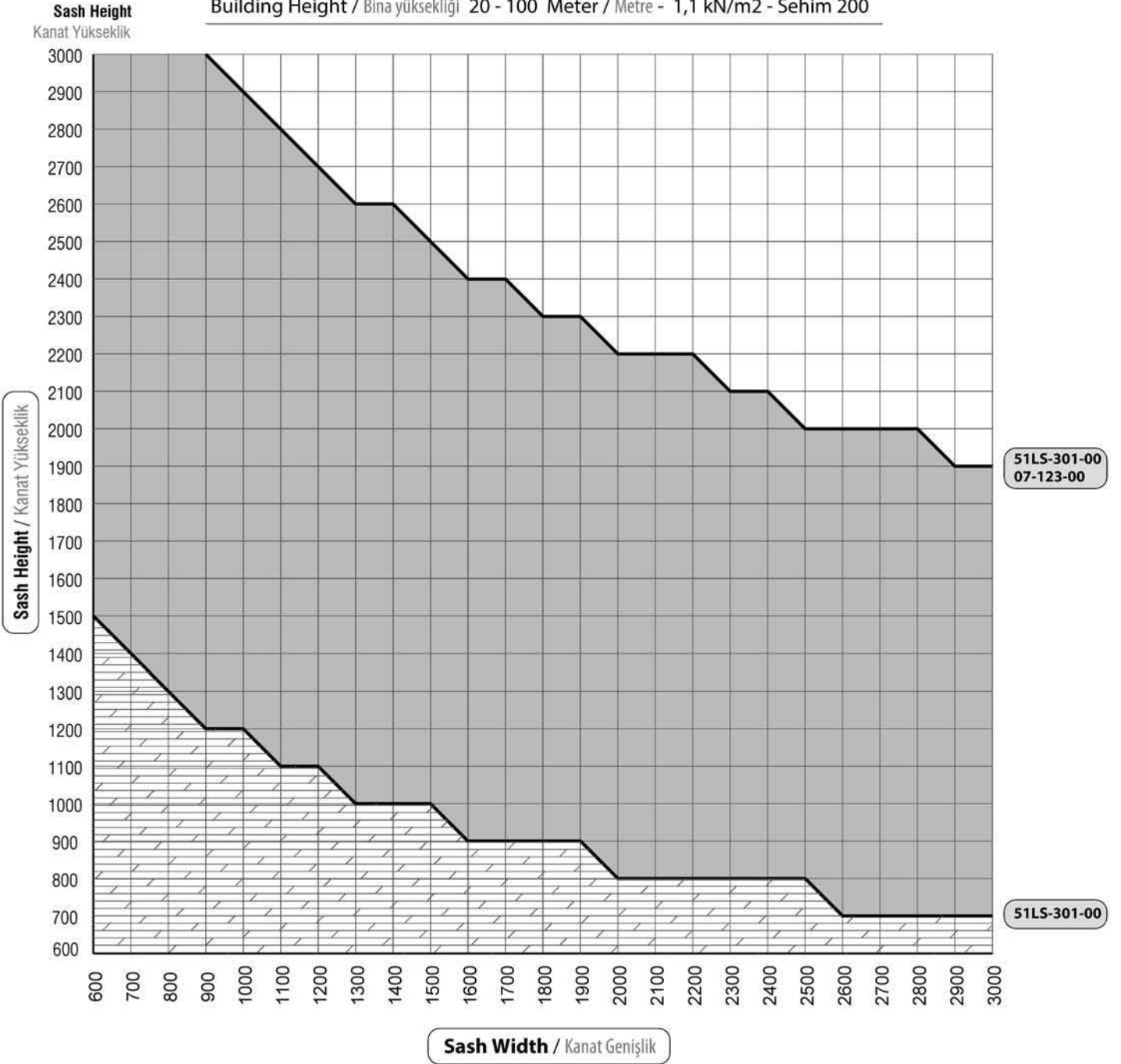


51LS-301-00
07-123-00

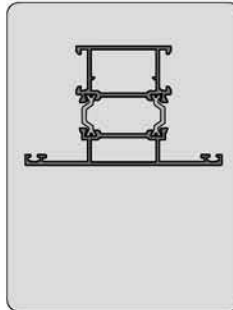


STATIC DIAGRAM / STATİK DİYAGRAM

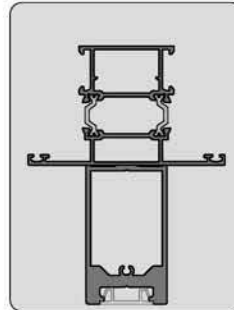
Building Height / Bina yüksekliği 20 - 100 Meter / Metre - 1,1 kN/m² - Sehim 200



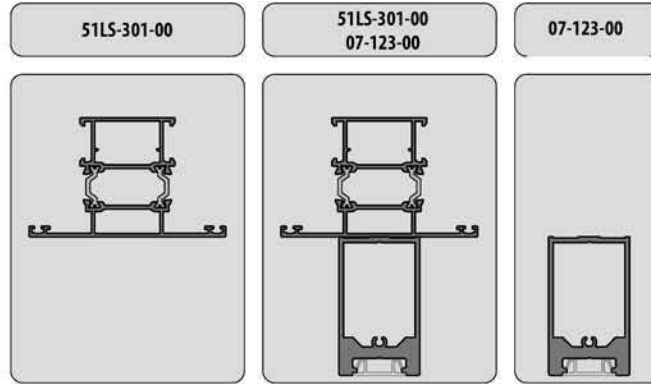
51LS-301-00



51LS-301-00
07-123-00



STATIC VALUES / STATİK DEĞERLER

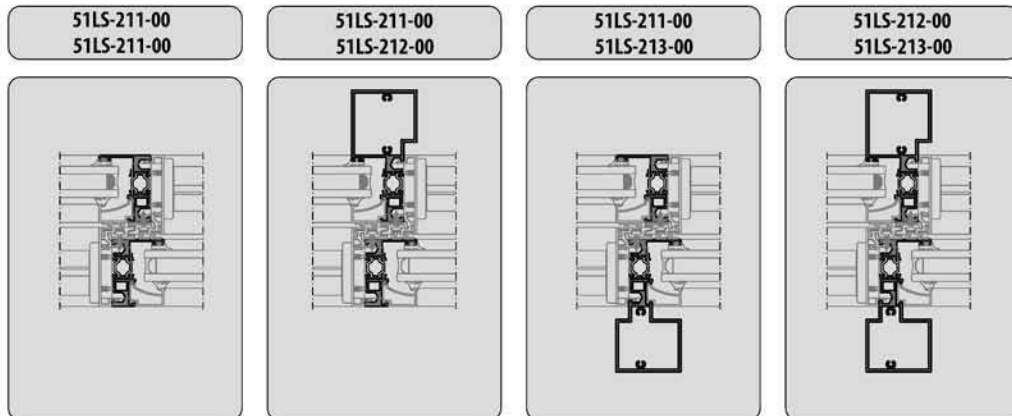
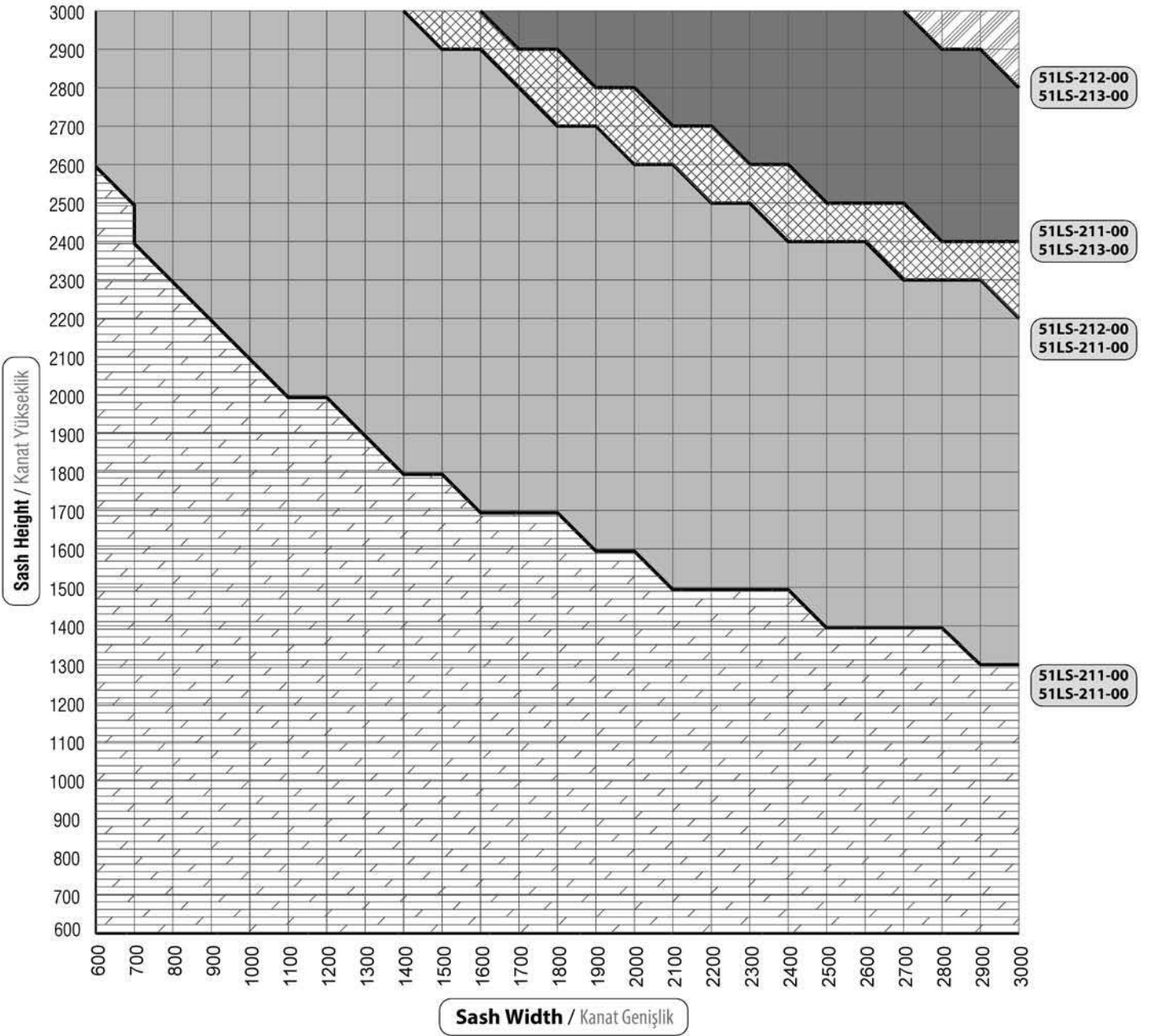


Jx(cm4)

	51LS-301-00		07-123-00
	51LS-301-00	51LS-301-00 07-123-00	
600	4,21	63,20	22,45
700	4,72	65,13	
800	5,25	67,21	
900	5,80	69,41	
1000	6,35	71,67	
1100	6,89	73,98	
1200	7,42	76,28	
1300	7,93	78,57	
1400	8,41	80,81	
1500	8,87	82,99	
1600	9,31	85,10	
1700	9,71	87,13	
1800	10,10	89,07	
1900	10,45	90,92	
2000	10,79	92,68	
2100	11,09	94,34	
2200	11,38	95,92	
2300	11,65	97,41	
2400	11,90	98,81	
2500	12,13	100,14	
2600	12,34	101,38	
2700	12,54	102,56	
2800	12,72	103,66	
2900	12,89	104,70	
3000	13,05	105,67	

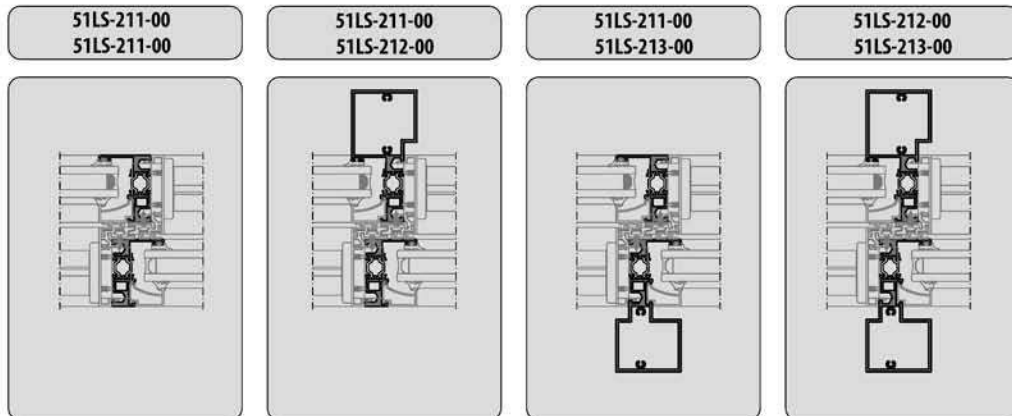
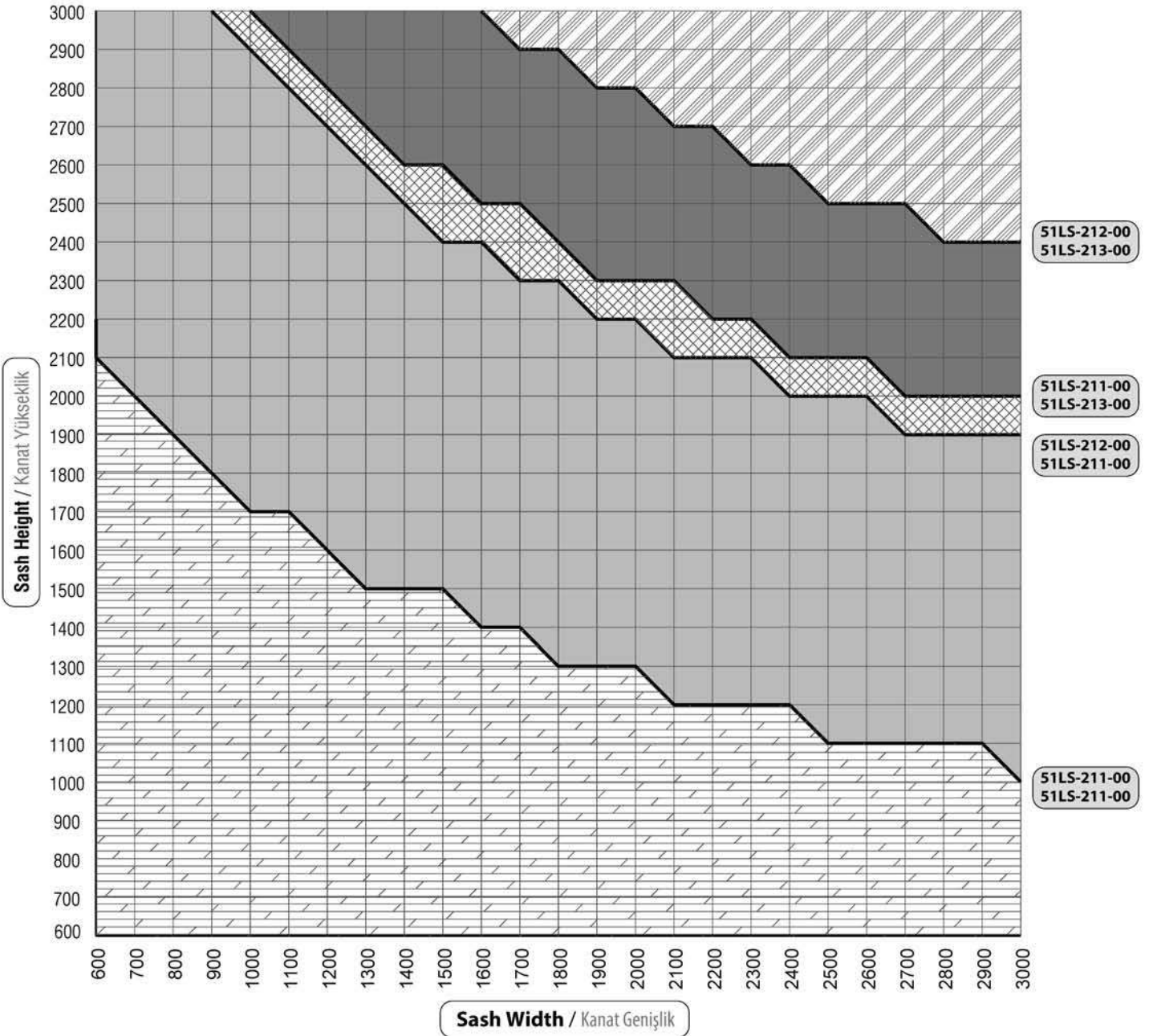
STATIC DIAGRAM / STATİK DİYAGRAM

Building Height / Bina yüksekliği 8 Meter / Metre - 0,5 kN/m² - Sehim 200



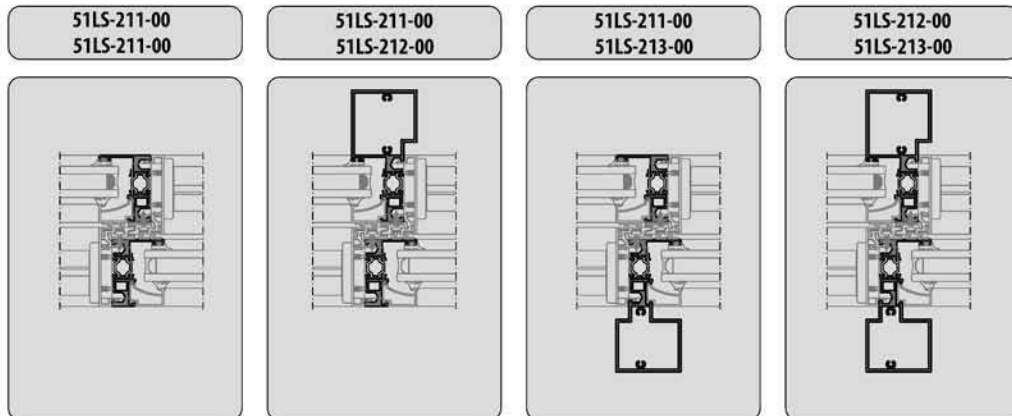
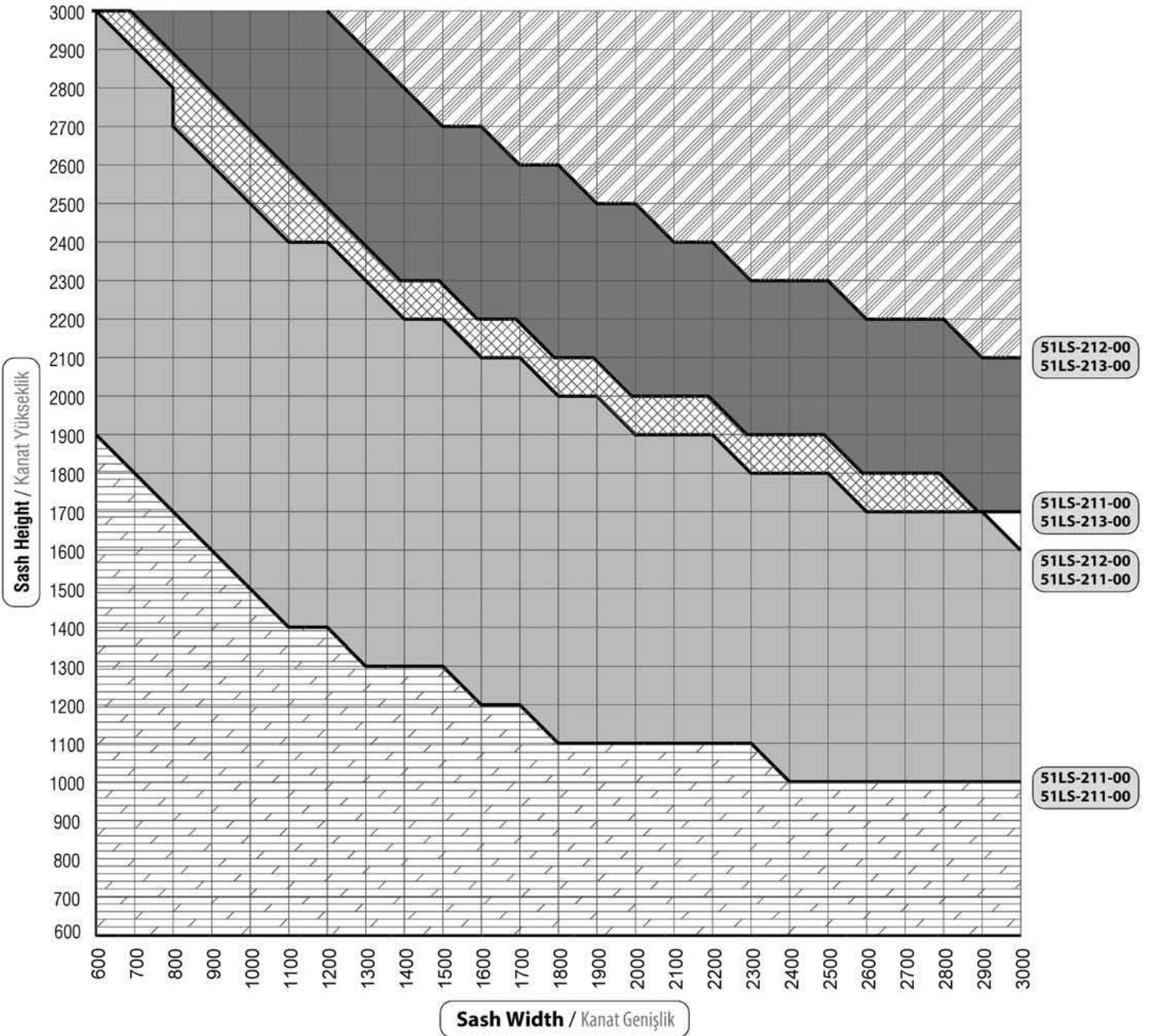
STATIC DIAGRAM / STATİK DİYAGRAM

Building Height / Bina yüksekliği 8 - 20 Meter / Metre - 0,8 kN/m² - Sehim 200

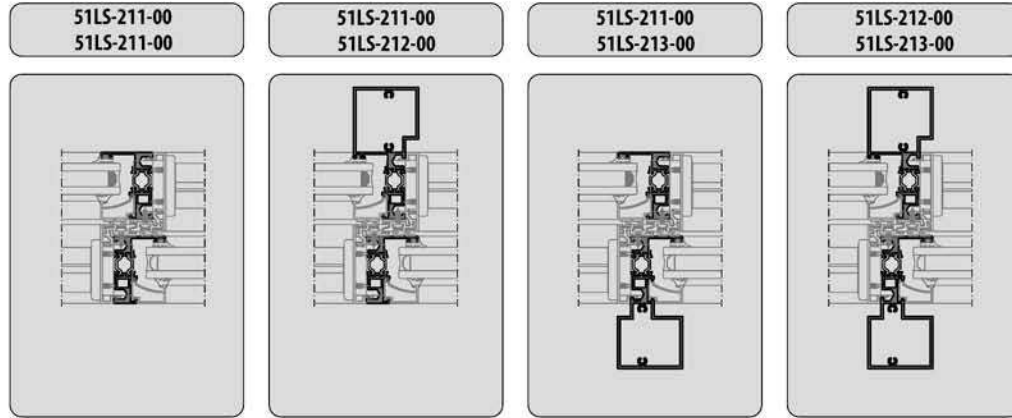


STATIC DIAGRAM / STATİK DİYAGRAM

Building Height / Bina yüksekliği 20 - 100 Meter / Metre - 1,1 kN/m² - Sehim 200



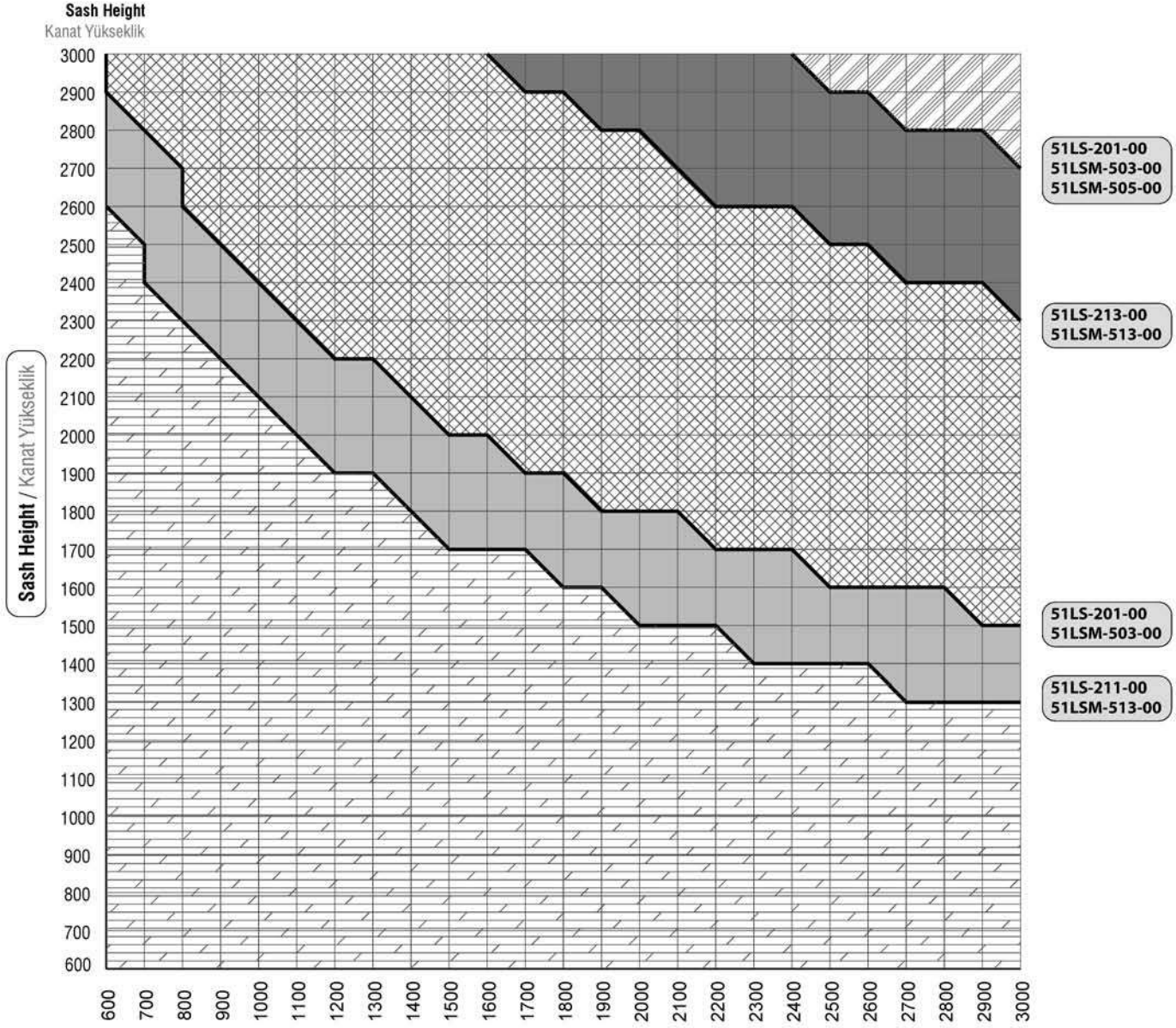
STATIC VALUES / STATİK DEĞERLER



Jx(cm4)

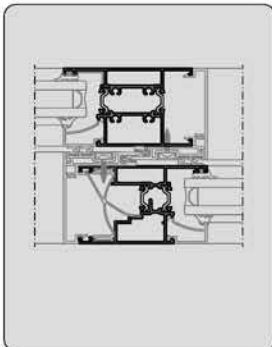
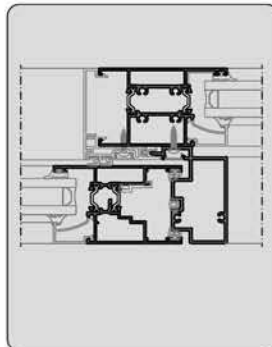
PROFILE LENGTH / PROFİL BOYU (mm)	51LS-211-00 51LS-211-00	51LS-211-00 51LS-212-00	51LS-211-00 51LS-213-00	51LS-212-00 51LS-213-00
	600	700	800	900
600	6,72	35,96	41,69	70,94
700	7,71	38,05	43,98	74,33
800	8,73	40,26	46,41	77,93
900	9,76	42,52	48,91	81,68
1000	10,76	44,81	51,43	85,48
1100	11,73	47,07	53,94	89,28
1200	12,66	49,28	56,41	93,03
1300	13,53	51,42	58,79	96,69
1400	14,35	53,47	61,09	100,22
1500	15,11	55,43	63,28	103,61
1600	15,81	57,28	65,36	106,84
1700	16,46	59,03	67,33	109,90
1800	17,06	60,67	69,18	112,79
1900	17,61	62,20	70,92	115,51
2000	18,12	63,64	72,55	118,07
2100	18,59	64,98	74,08	120,47
2200	19,02	66,23	75,50	122,71
2300	19,41	67,40	76,83	124,81
2400	19,78	68,48	78,07	126,77
2500	20,11	69,49	79,22	128,61
2600	20,42	70,44	80,30	130,32
2700	20,70	71,31	81,30	131,91
2800	20,96	72,13	82,24	133,41
2900	21,21	72,89	83,12	134,80
3000	21,43	73,60	83,93	136,11

STATIC DIAGRAM / STATİK DİYAGRAM

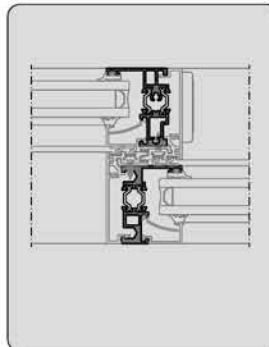
Building Height / Bina yüksekliği 8 Meter / Metre - 0,5 kN/m² - Sehim 200

Sash Width / Kanat Genişlik

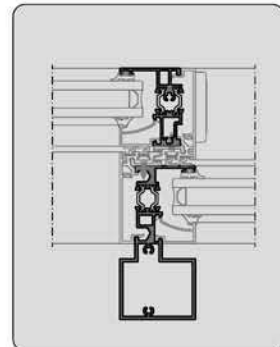
51LS-201-00 + 51LSM-503-00

51LS-201-00 + 51LSM-503-00
51LSM-505-00

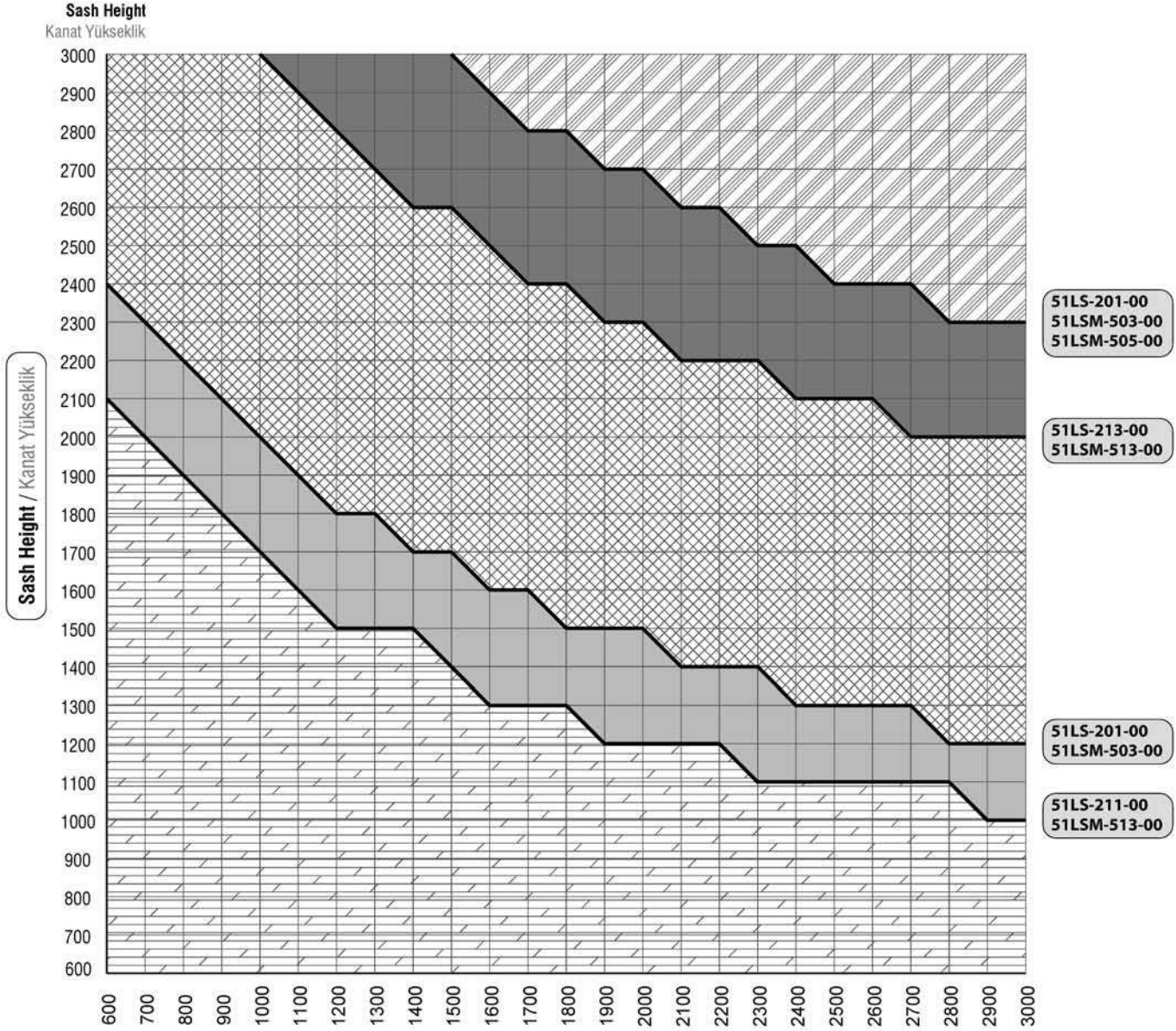
51LS-211-00 + 51LSM-513-00



51LS-213-00 + 51LSM-513-00

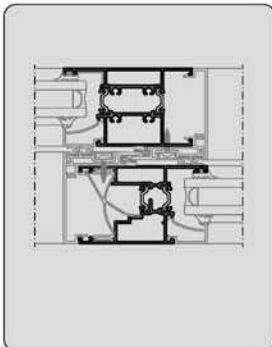
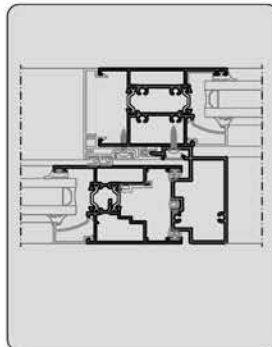


STATIC DIAGRAM / STATİK DİYAGRAM

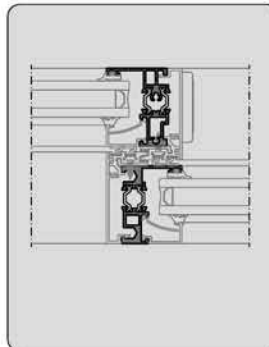
Building Height / Bina yüksekliği 8 - 20 Meter / Metre - 0,8 kN/m² - Sehim 200

Sash Width / Kanat Genişlik

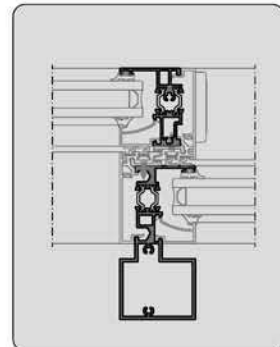
51LS-201-00 + 51LSM-503-00

51LS-201-00 + 51LSM-503-00
51LSM-505-00

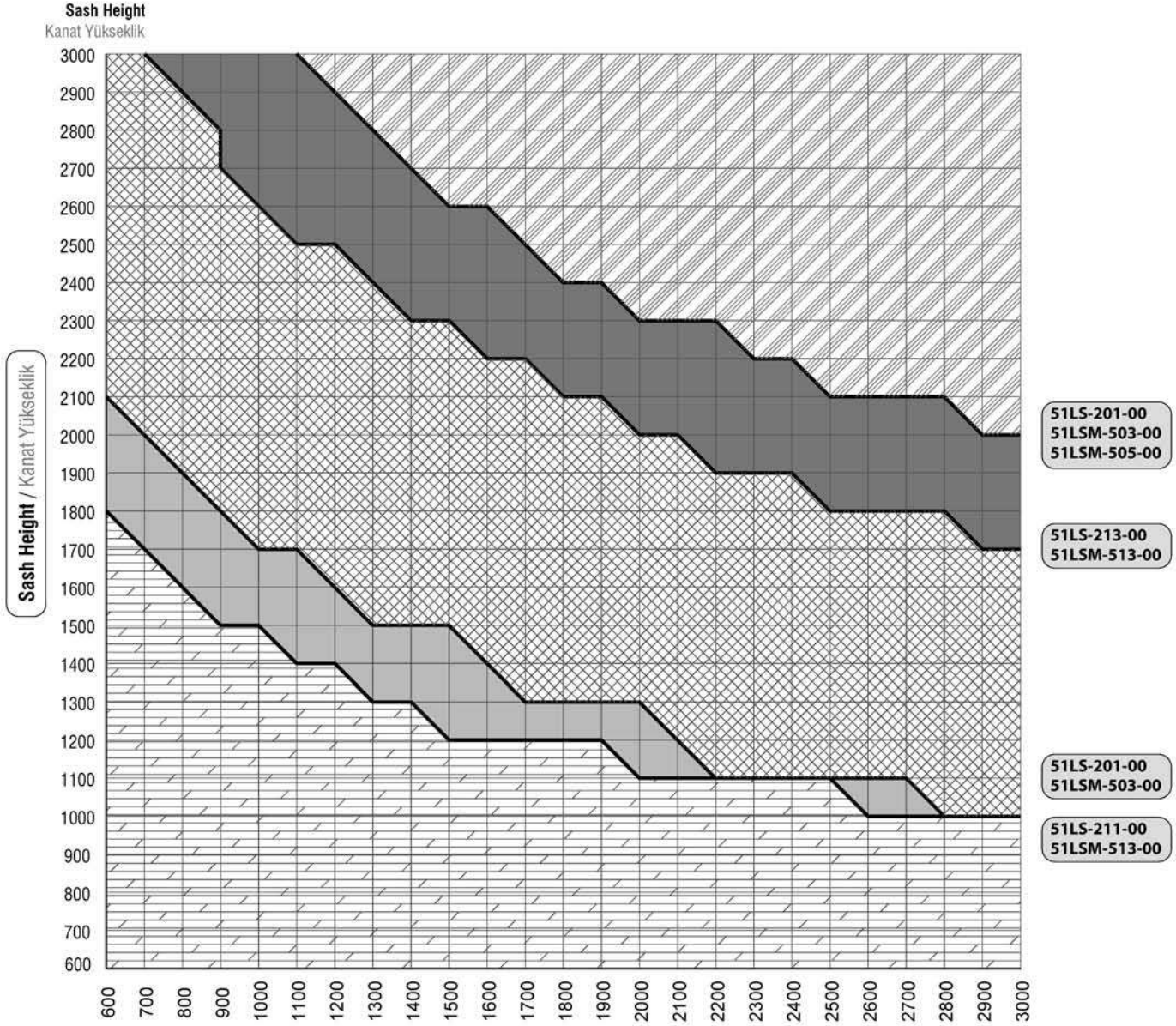
51LS-211-00 + 51LSM-513-00



51LS-213-00 + 51LSM-513-00

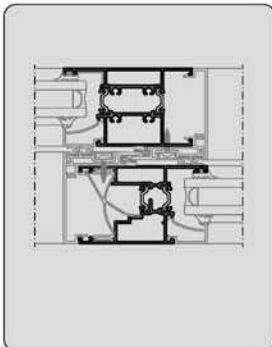
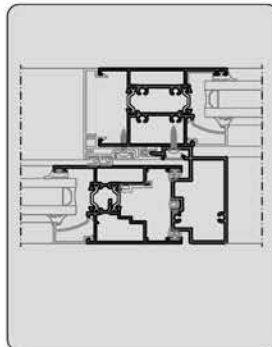


STATIC DIAGRAM / STATİK DİYAGRAM

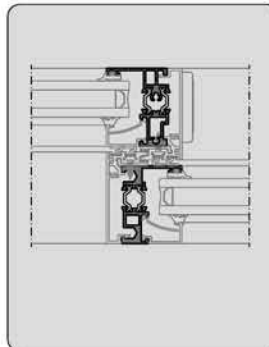
Building Height / Bina yüksekliği 20 - 100 Meter / Metre - 1,1 kN/m² - Sehim 200

Sash Width / Kanat Genişlik

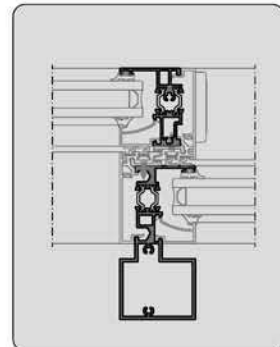
51LS-201-00 + 51LSM-503-00

51LS-201-00 + 51LSM-503-00
51LSM-505-00

51LS-211-00 + 51LSM-513-00

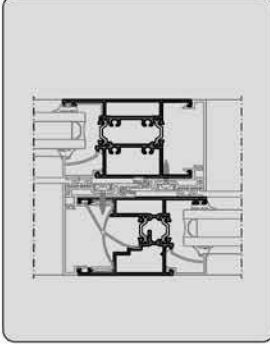
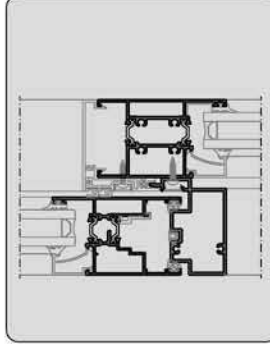


51LS-213-00 + 51LSM-513-00

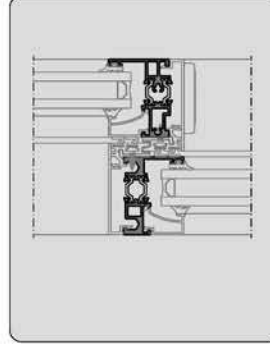


STATIC VALUES / STATİK DEĞERLER

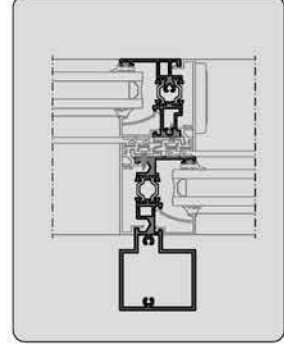
51LS-201-00 + 51LSM-503-00

51LS-201-00 + 51LSM-503-00
51LSM-505-00

51LS-211-00 + 51LSM-513-00



51LS-213-00 + 51LSM-513-00



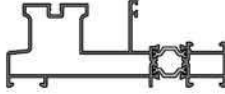
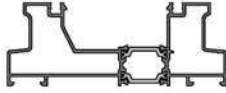
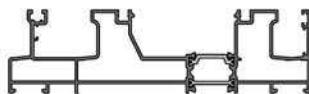
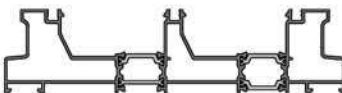
Jx(cm4)

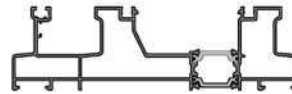
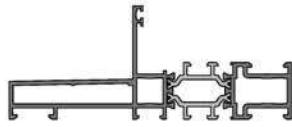
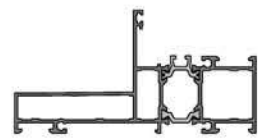
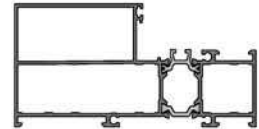
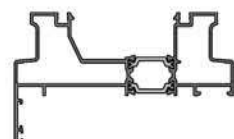
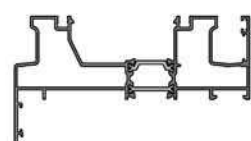
PROFILE LENGTH / PROFİL BOYU (mm)

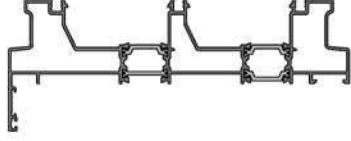
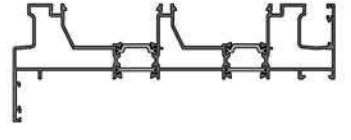
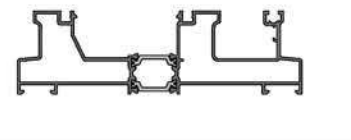
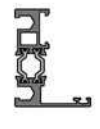
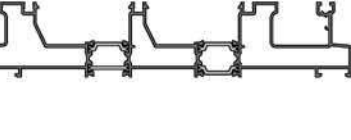
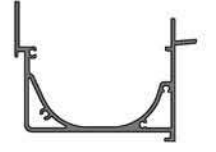
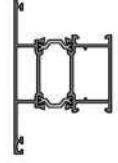
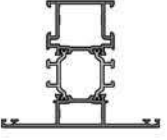
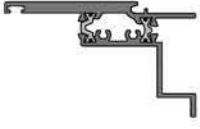
	51LS-201-00 51LSM-503-00	51LS-201-00 51LSM-503-00 51LSM-505-00	51LS-211-00 51LSM-513-00	51LS-213-00 51LSM-513-00
600	9,80	66,38	6,57	41,55
700	10,90	68,79	7,49	43,76
800	12,07	71,40	8,43	46,11
900	13,28	74,17	9,38	48,53
1000	14,51	77,03	10,30	50,98
1100	15,74	79,96	11,20	53,41
1200	16,95	82,91	12,05	55,80
1300	18,13	85,84	12,86	58,12
1400	19,26	88,74	13,61	60,36
1500	20,35	91,58	14,31	62,49
1600	21,39	94,33	14,96	64,52
1700	22,37	97,00	15,56	66,43
1800	23,29	99,57	16,12	68,24
1900	24,16	102,03	16,63	69,93
2000	24,97	104,38	17,09	71,52
2100	25,74	106,62	17,52	73,01
2200	26,45	108,76	17,92	74,40
2300	27,12	110,78	18,28	75,70
2400	27,74	112,70	18,62	76,91
2500	28,32	114,52	18,92	78,04
2600	28,87	116,23	19,21	79,09
2700	29,37	117,86	19,47	80,07
2800	29,85	119,39	19,71	80,99
2900	30,29	120,84	19,93	81,84
3000	30,70	122,21	20,14	82,64

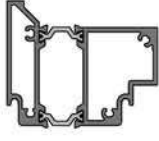
51S

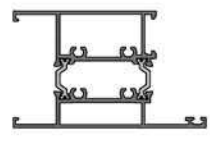
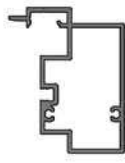
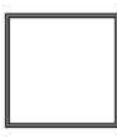
PROFILE INDEX / PROFİL İNDEKS

CODE / KOD	DRAWING / ÇİZİM	WEIGHT
		AĞIRLIK Kg/m
51LSM-101-00		1.904
51LS-101-00		1.805
51LS-151-00		2.322
51LS-102-00		1.820
51LS-112-00		2.023
51LS-162-00		2.541
51LS-103-00		2.777
51LS-113-00		2.980

CODE / KOD	DRAWING / ÇİZİM	WEIGHT
		AĞIRLIK Kg/m
51LS-152-00		2.338
51LS-153-00		3.295
51LS-163-00		3.498
70T-141-18		2.009
58T-153-15		1.905
58T-151-15		2.148
51LS-182-00		1.962
51LS-192-00		2.165

CODE / KOD	DRAWING / ÇİZİM	WEIGHT	CODE / KOD	DRAWING / ÇİZİM	WEIGHT
		AĞIRLIK Kg/m			AĞIRLIK Kg/m
51LS-183-00		2.919	51LSM-190-00		0.975
51LS-193-00		3.122	51LSM-513-00		1.100
51LS-172-00		2.280	51LS-211-00		1.103
51LS-173-00		3.152	51LS-212-00		2.039
51LS-561-00		1.844	51LS-213-00		2.157
51LS-201-00		1.521	07-123-00		1.591
51LS-301-00		1.409	07-124-00		0.129
70T-302-18		1.746	51LS-541-00		1.389

CODE / KOD	DRAWING / ÇİZİM	WEIGHT AĞIRLIK
		Kg/m
51LS-542-00		1.694
13-134-050R		0.118
51LS-401-00		0.632
51LS-413-00		0.548
51LS-501-00		0.369
51LS-502-00 STANDARD CLAMP STANDART KENET		0.325
51LS-512-00 NARROW CLAMP DAR KENET		0.122
51LS-504-00		1.050

CODE / KOD	DRAWING / ÇİZİM	WEIGHT AĞIRLIK
		Kg/m
51LSM-503-00		1.651
51LSM-505-00		1.256
12-123-016		0.836
12-123-025		1.283
51LS-520-00		0.305
38T-251-00		0.920
45T-251-00		1.103
38T-252-00		0.084

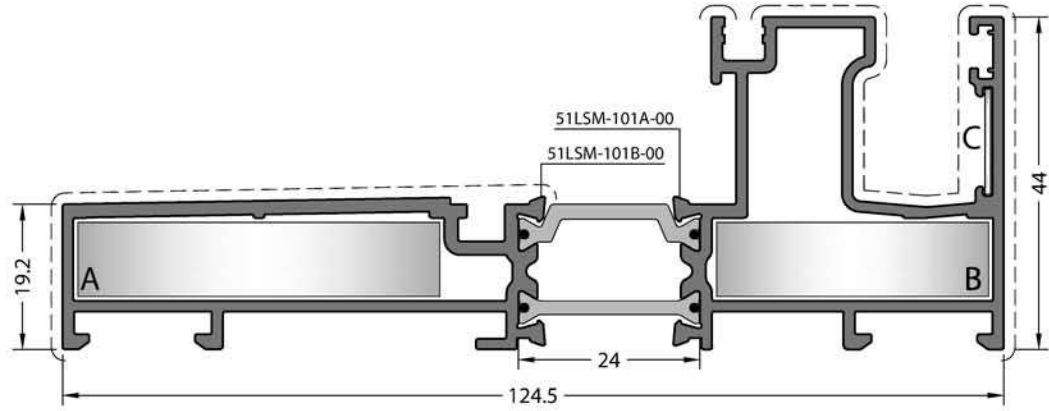
CODE / KOD	DRAWING / ÇİZİM	WEIGHT AĞIRLIK
		Kg/m
07-102-00		0.324
07-103-00		0.488
07-105-00		0.875
07-111-00		0.233
07-201-00		0.118
07-113-00		0.116
08-101-00		0.217
08-102-00		0.223

CODE / KOD	DRAWING / ÇİZİM	WEIGHT AĞIRLIK
		Kg/m
08-108-00		0.269
08-109-00		0.280
08-112-00		0.291
08-113-00		0.300
08-103-00		0.237
08-104-00		0.256
08-105-00		0.260
08-107-00		0.262

CODE / KOD	DRAWING / ÇİZİM	WEIGHT
		AĞIRLIK Kg/m
08-114-00		0.306
08-115-00		0.317
08-117-00		0.309
09-101-00		2.570
09-107-00		1.948
09-104-00		4.603
51LS-901-00		0.821
51LS-902-00		0.546

51S

PROFILES / PROFILER



CODE / KOD
51LSM-101-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
1.904

CORNER JOINTS
KÖŞE BAĞLANTILAR

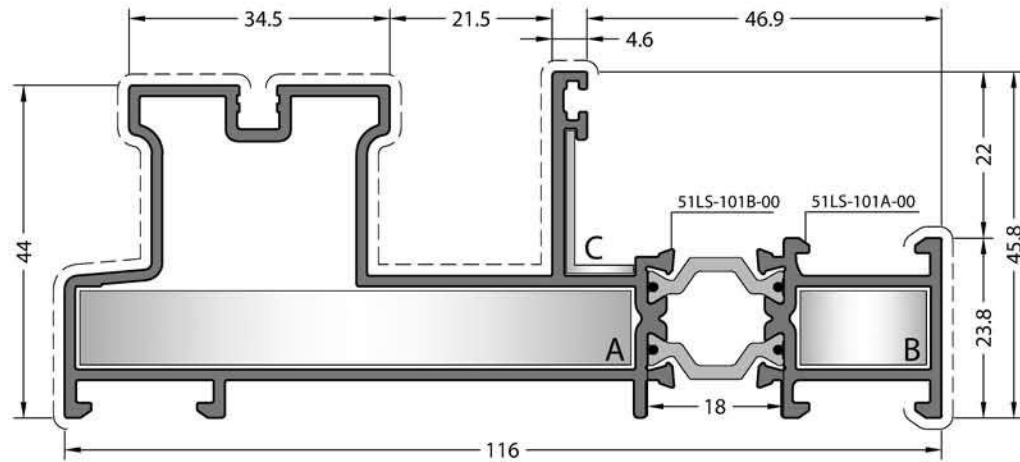


A CC-101-48.5
B CC-101-36.7
C MK-20.1

MECHANICAL CORNER JOINTS
MEKANİK KÖŞE BAĞLANTILAR



A KC-801-48.0
B KC-801-36.3
C MK-20.1



CODE / KOD
51LS-101-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
1.805

CORNER JOINTS
KÖŞE BAĞLANTILAR

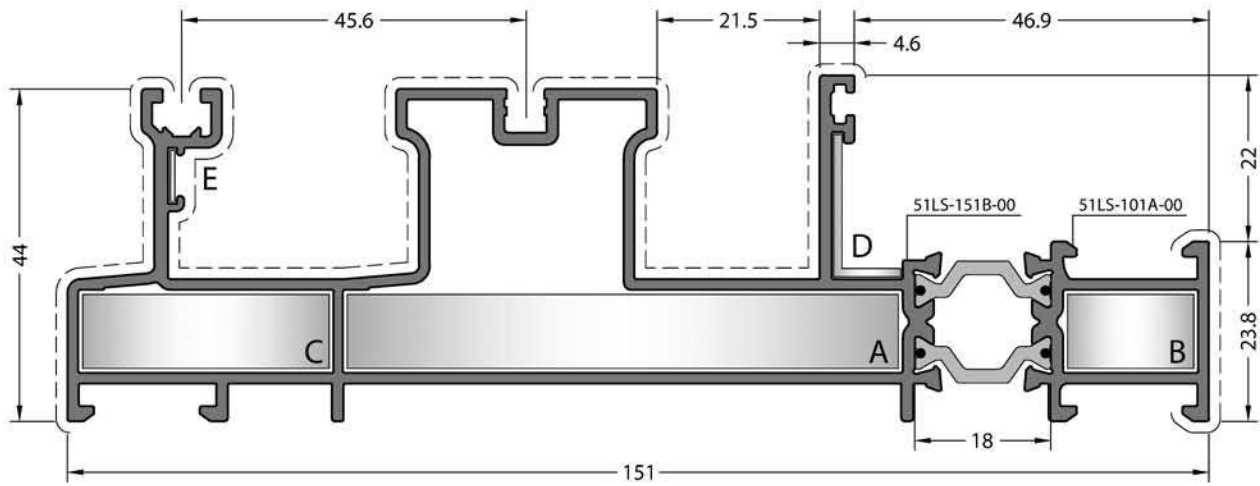


A CC-101-73.6
B CC-101-17.3
C EM51LS-25

MECHANICAL CORNER JOINTS
MEKANİK KÖŞE BAĞLANTILAR



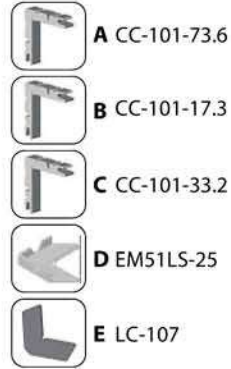
A KC-801-73.1
B KC-801-16.9



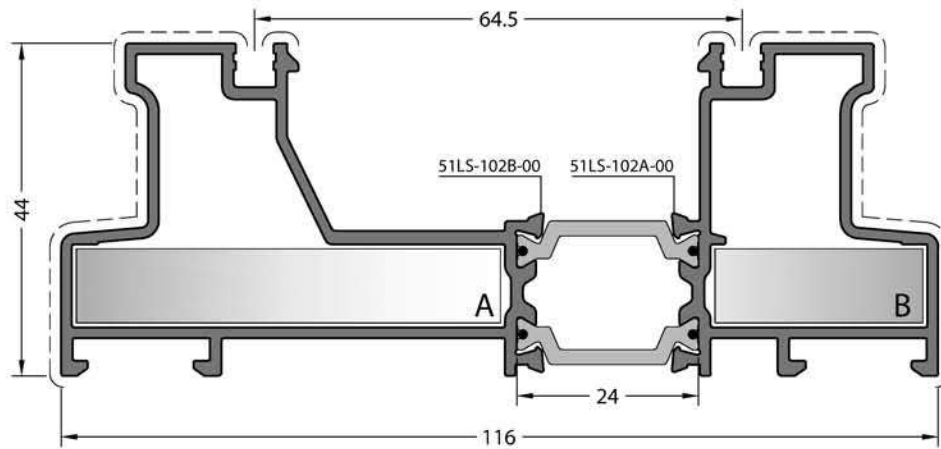
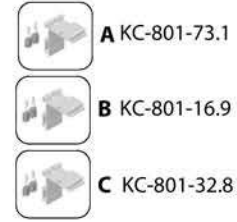
CODE / KOD
51LS-151-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
2.322

CORNER JOINTS
KÖŞE BAĞLANTILAR



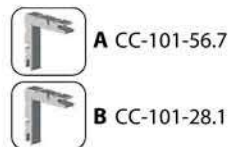
MECHANICAL CORNER JOINTS
MEKANİK KÖŞE BAĞLANTILAR



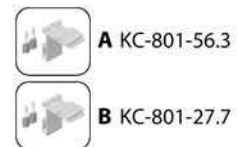
CODE / KOD
51LS-102-00

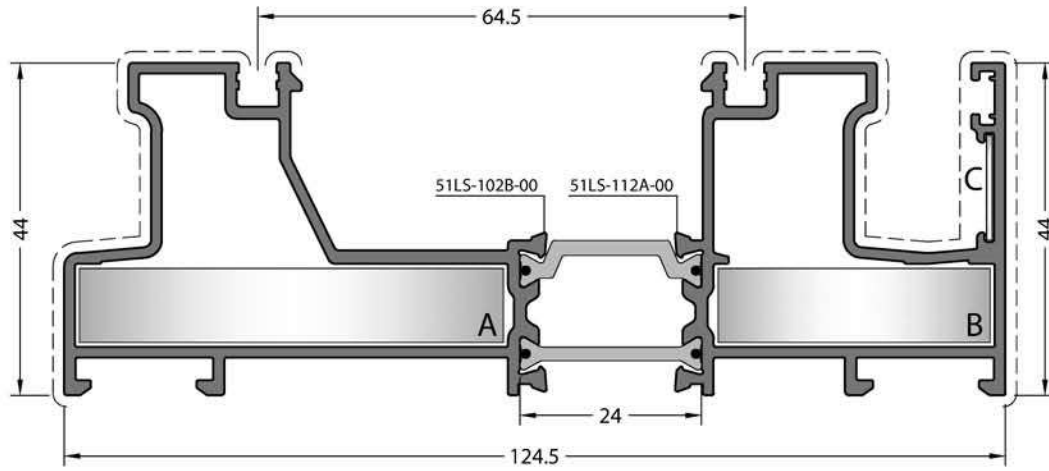
THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
1.820

CORNER JOINTS
KÖŞE BAĞLANTILAR



MECHANICAL CORNER JOINTS
MEKANİK KÖŞE BAĞLANTILAR

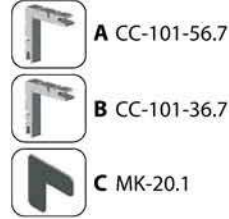




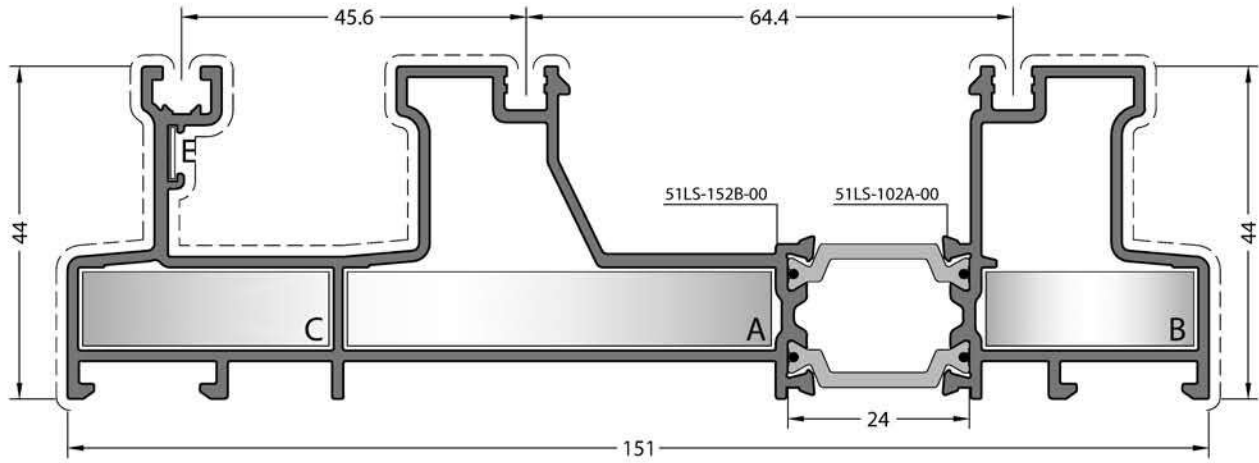
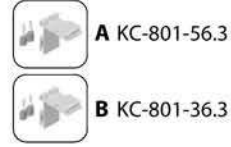
CODE / KOD
51LS-112-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
2.023

CORNER JOINTS
KÖŞE BAĞLANTILAR



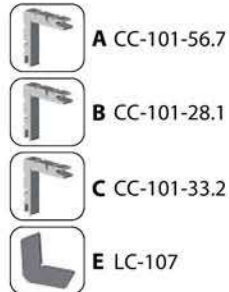
MECHANICAL CORNER JOINTS
MEKANİK KÖŞE BAĞLANTILAR



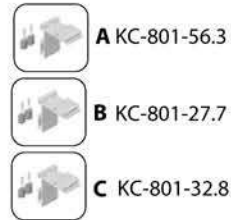
CODE / KOD
51LS-152-00

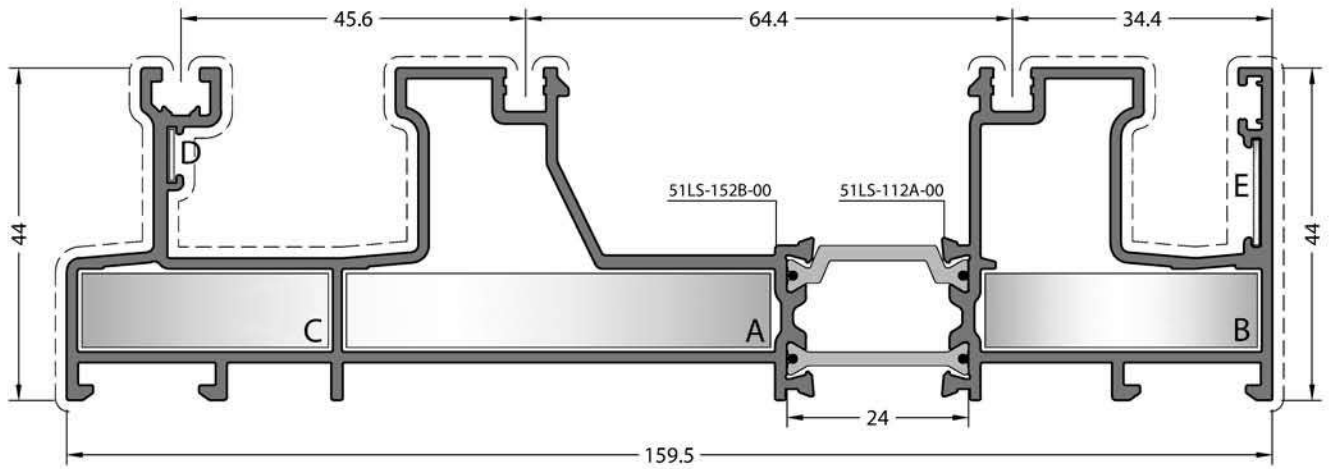
THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
2.338

CORNER JOINTS
KÖŞE BAĞLANTILAR



MECHANICAL CORNER JOINTS
MEKANİK KÖŞE BAĞLANTILAR





CODE / KOD
51LS-162-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
2.541

CORNER JOINTS
KÖŞE BAĞLANTILAR



A CC-101-56.7



B CC-101-36.7



C CC-101-33.2



D LC-107



E MK-20.1

MECHANICAL CORNER JOINTS
MEKANİK KÖŞE BAĞLANTILAR



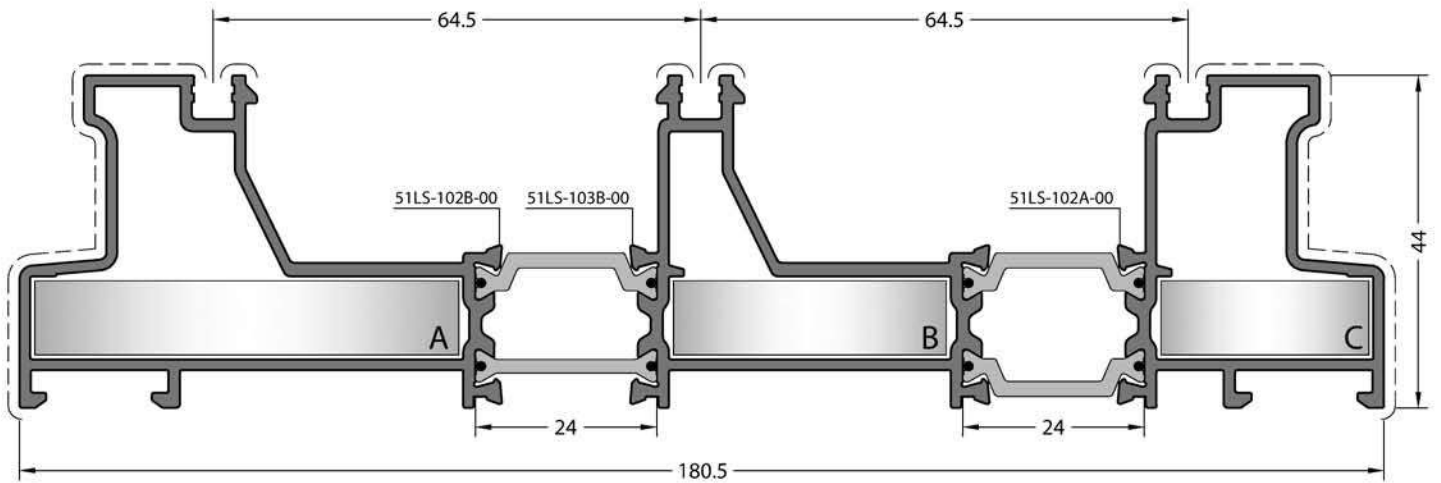
A KC-801-56.3



B KC-801-36.3



C KC-801-32.8



CODE / KOD
51LS-103-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
2.777

CORNER JOINTS
KÖŞE BAĞLANTILAR



A CC-101-56.7



B CC-101-36.7



C CC-101-28.1

MECHANICAL CORNER JOINTS
MEKANİK KÖŞE BAĞLANTILAR



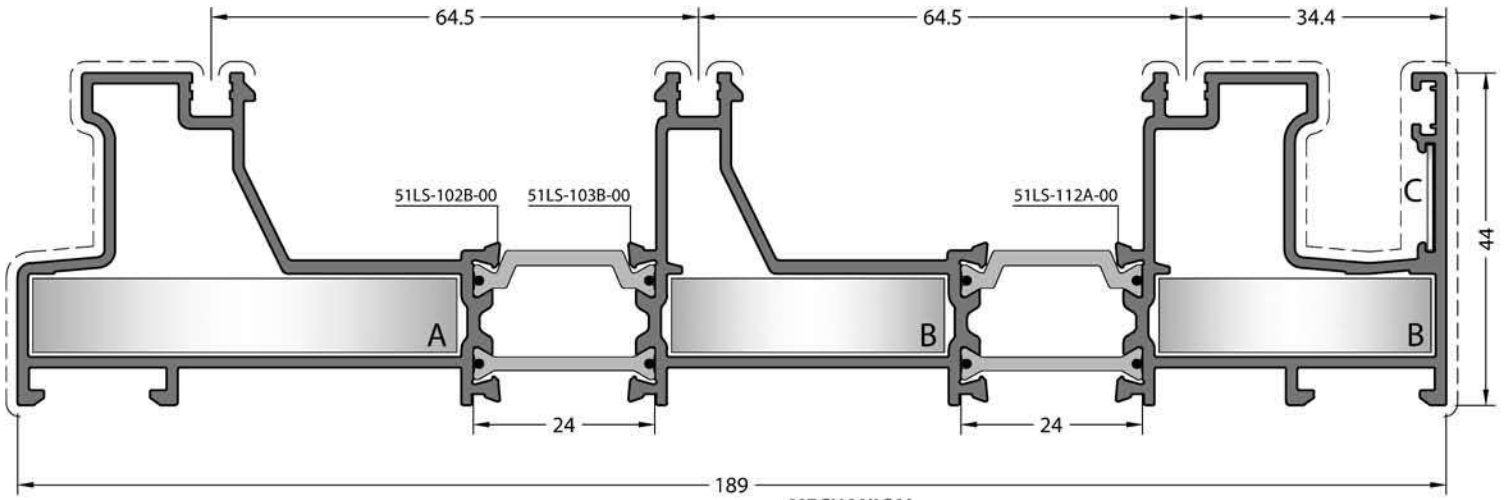
A KC-801-56.3



B KC-801-36.3



C KC-801-27.7



CODE / KOD
51LS-113-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
2.980

CORNER JOINTS
KÖŞE BAĞLANTILAR

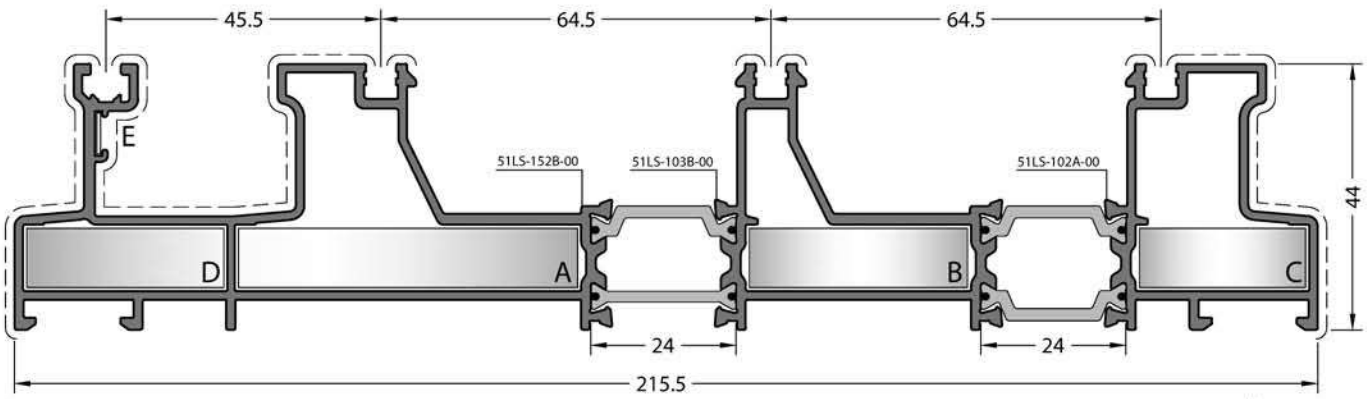


A CC-101-56.7
B CC-101-36.7
C MK-20.1

MECHANICAL CORNER JOINTS
MEKANİK KÖŞE BAĞLANTILAR



A KC-801-56.3
B KC-801-36.3



No Scaled / Ölçeksiz

CODE / KOD
51LS-153-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
3.295

CORNER JOINTS
KÖŞE BAĞLANTILAR

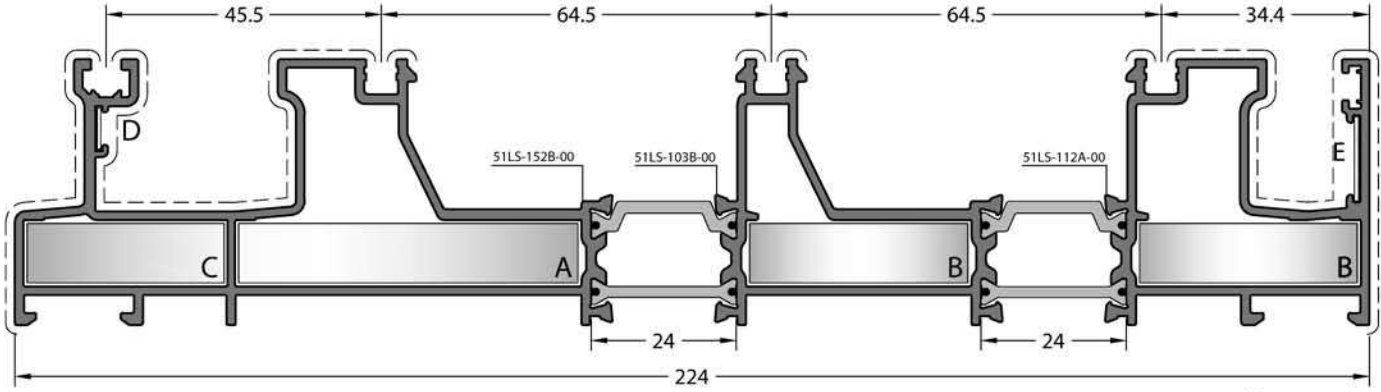


A CC-101-56.7
B CC-101-36.7
C CC-101-28.1
D CC-101-33.2
E LC-107

MECHANICAL CORNER JOINTS
MEKANİK KÖŞE BAĞLANTILAR



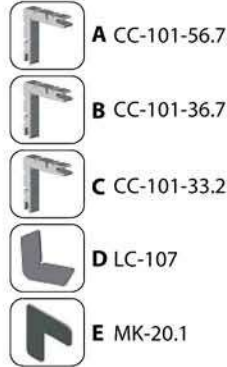
A KC-801-56.3
B KC-801-36.3
C KC-801-27.7
D KC-801-32.8



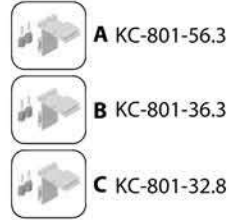
CODE / KOD
51LS-163-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
3.498

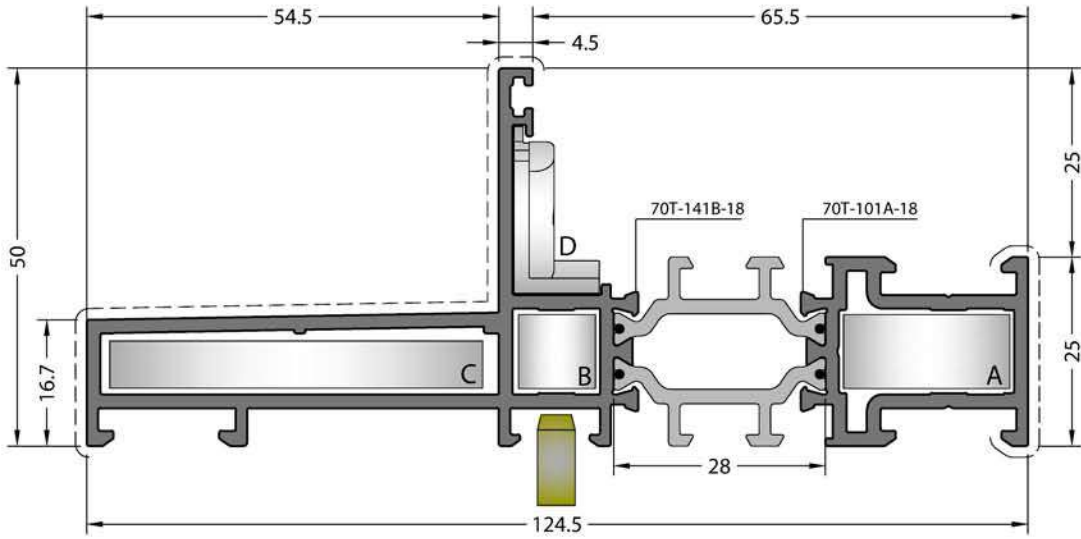
CORNER JOINTS
KÖŞE BAĞLANTILAR



MECHANICAL CORNER JOINTS
MEKANİK KÖŞE BAĞLANTILAR



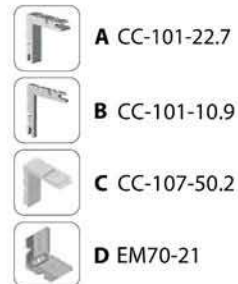
No Scaled / Ölçeksiz



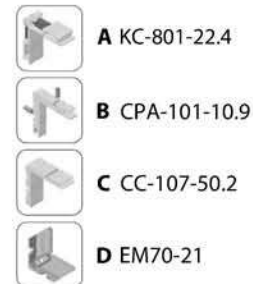
CODE / KOD
70T-141-18

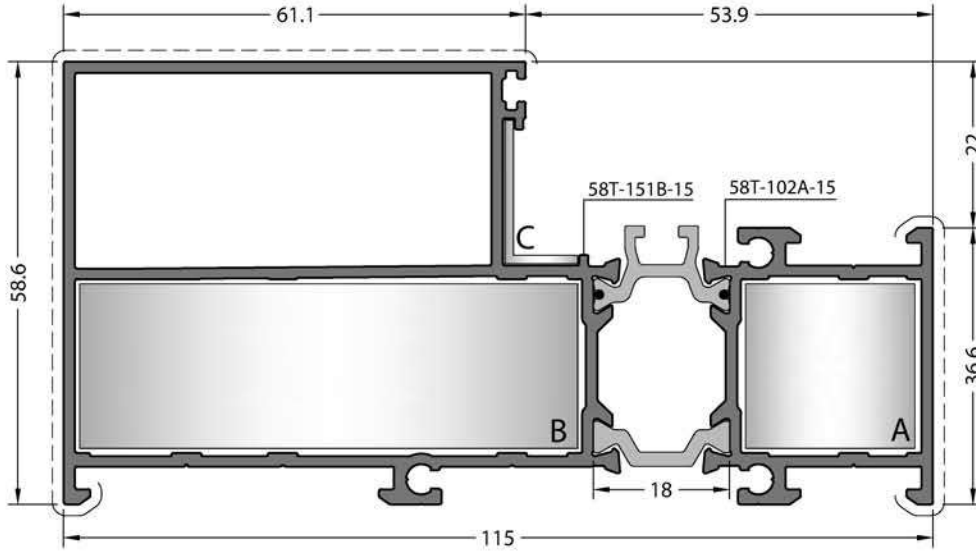
THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
2.009

PRESS CORNER JOINT
PRES KÖŞE BAĞLANTI



MECHANICAL COR. JOINT
MEKANİK KÖŞE BAĞLANTI





CODE / KOD

58T-151-15

THEORETICAL WEIGHT kg/m

TEORİK AĞIRLIK kg/m

2.148

CORNER JOINTS

KÖŞE BAĞLANTILAR



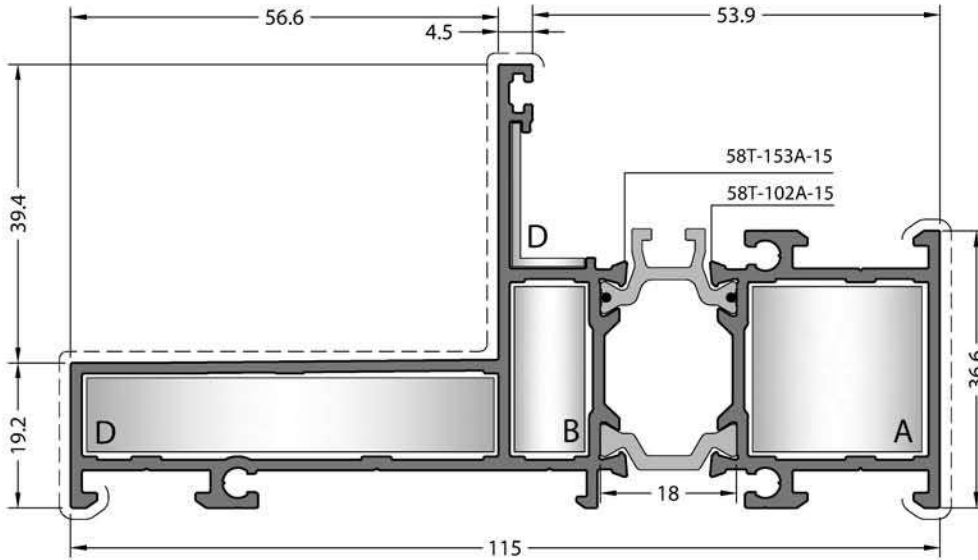
A CC-103-23.4



B CC-103-66.6



C EM58-21



CODE / KOD

58T-153-15

THEORETICAL WEIGHT kg/m

TEORİK AĞIRLIK kg/m

1.905

CORNER JOINTS

KÖŞE BAĞLANTILAR



A CC-103-23.4



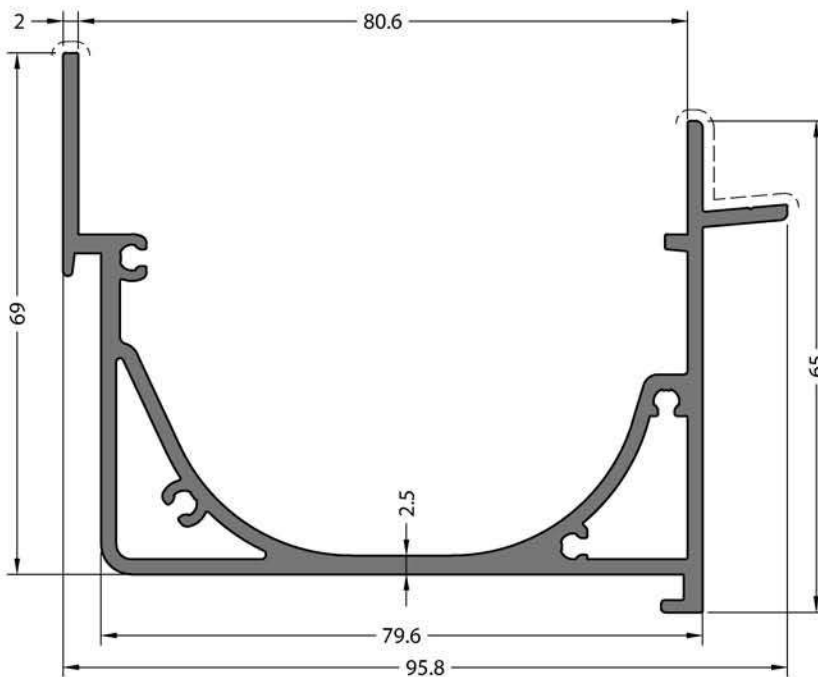
B CC-103-10.0



C CC-101-54.5



D EM58-21



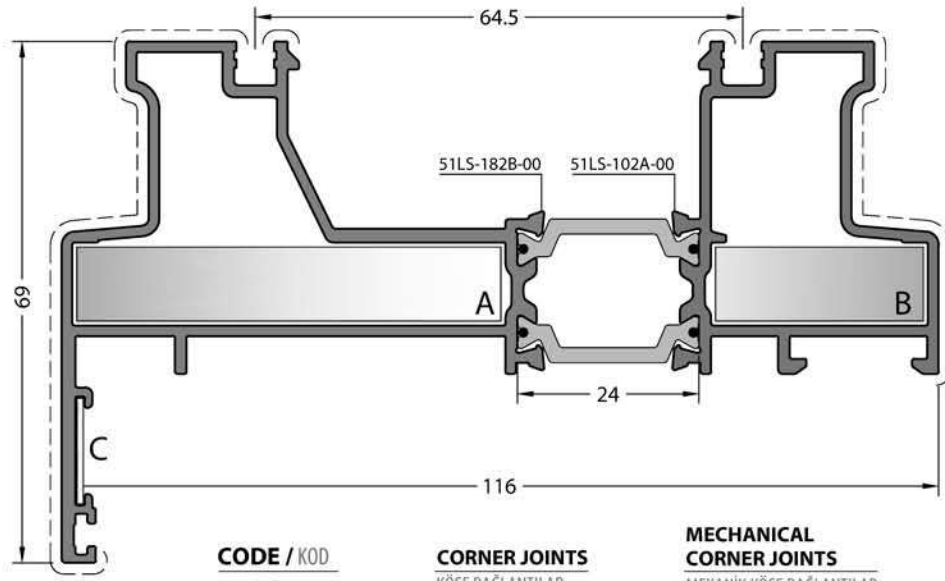
CODE / KOD

51LS-561-00

THEORETICAL WEIGHT kg/m

TEORİK AĞIRLIK kg/m

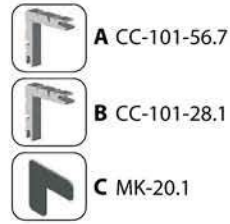
1.844



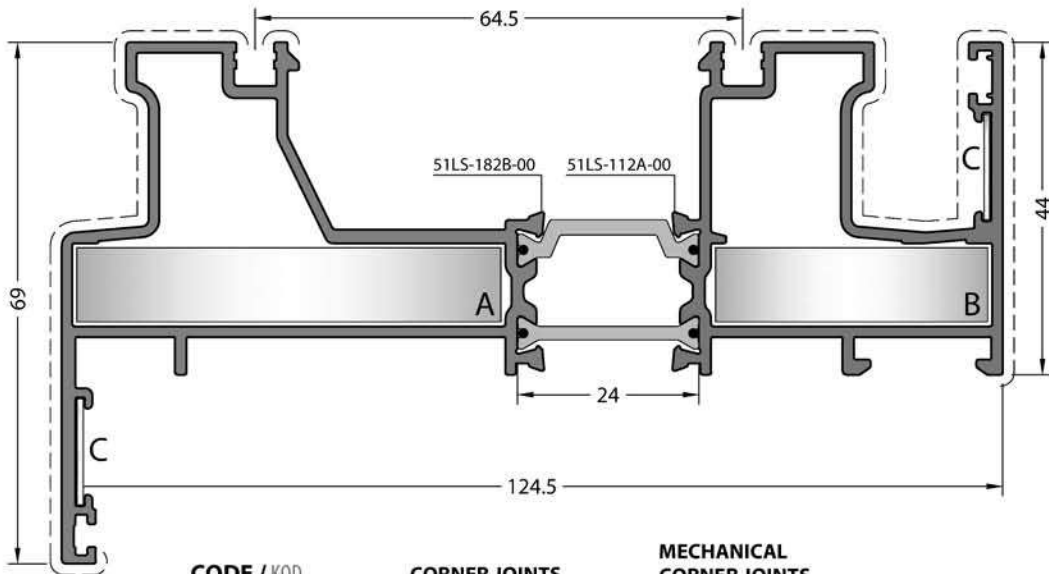
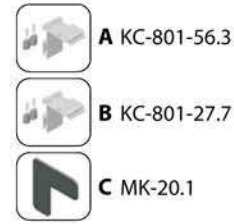
CODE / KOD
51LS-182-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
1.962

CORNER JOINTS
KÖŞE BAĞLANTILAR



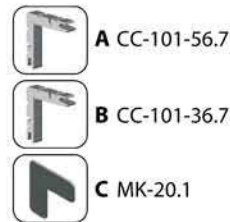
MECHANICAL CORNER JOINTS
MEKANİK KÖŞE BAĞLANTILAR



CODE / KOD
51LS-192-00

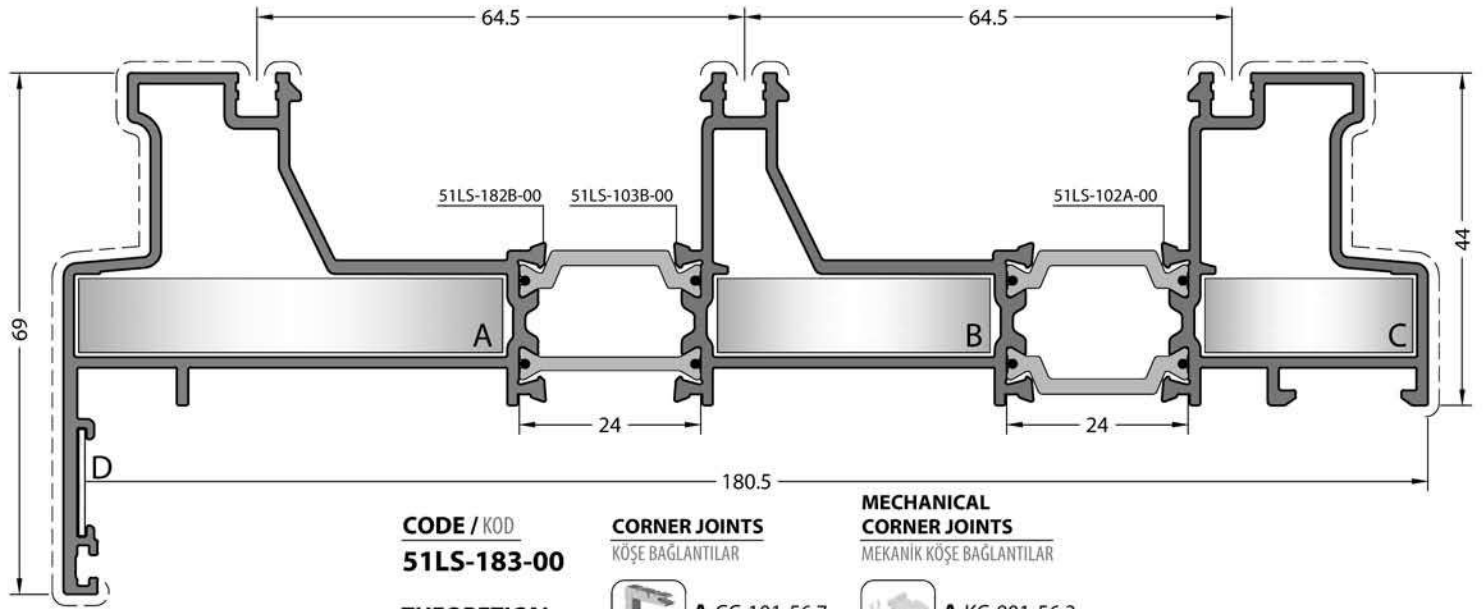
THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
2.165

CORNER JOINTS
KÖŞE BAĞLANTILAR



MECHANICAL CORNER JOINTS
MEKANİK KÖŞE BAĞLANTILAR

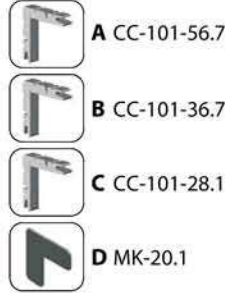




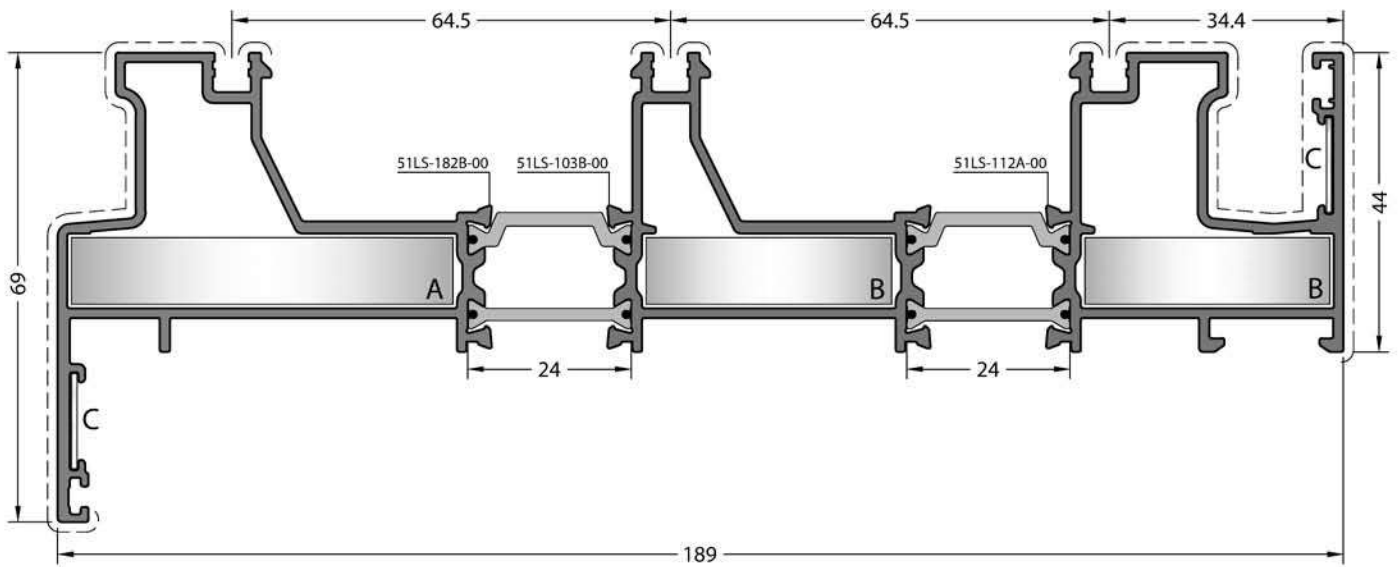
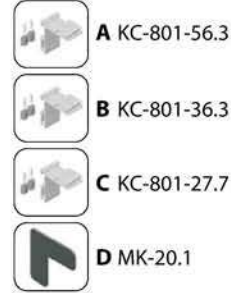
CODE / KOD
51LS-183-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
2.919

CORNER JOINTS
KÖŞE BAĞLANTILAR



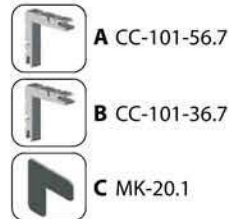
MECHANICAL CORNER JOINTS
MEKANİK KÖŞE BAĞLANTILAR



CODE / KOD
51LS-193-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
3.122

CORNER JOINTS
KÖŞE BAĞLANTILAR

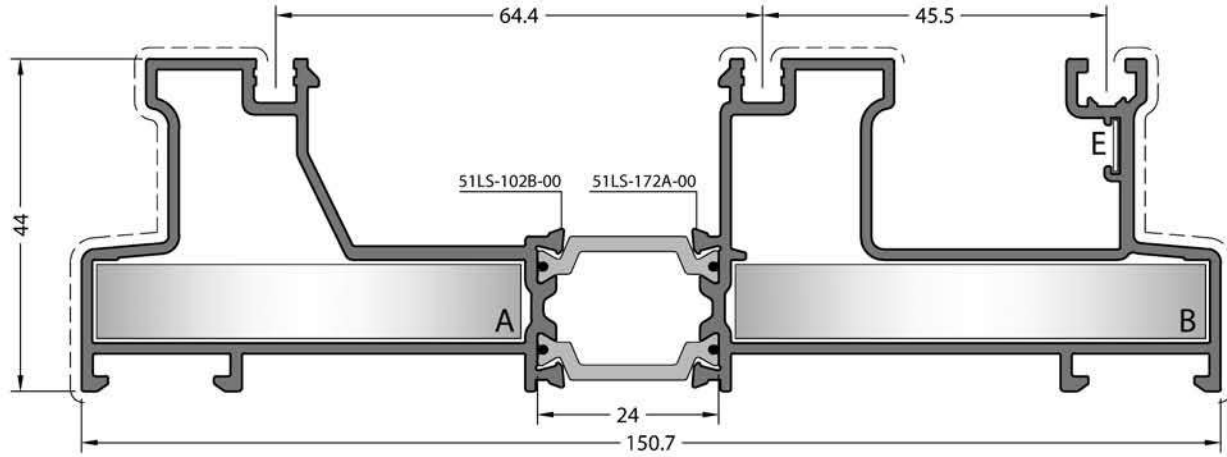


MECHANICAL CORNER JOINTS
MEKANİK KÖŞE BAĞLANTILAR



No Scaled / Ölçeksiz

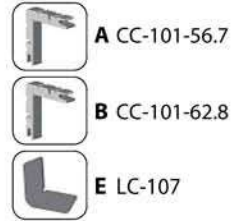
Frames With Interior Fly Screen / İçten Sineklikli Kasalar



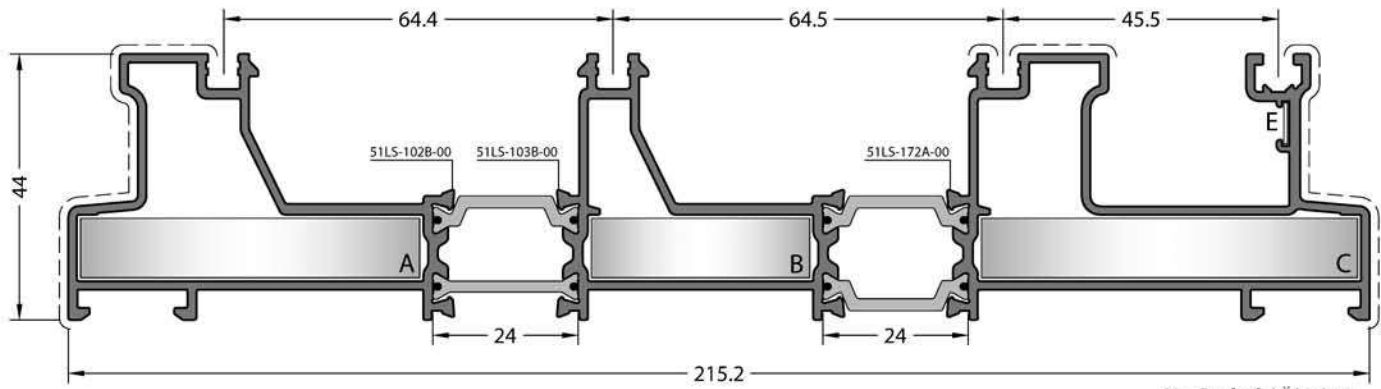
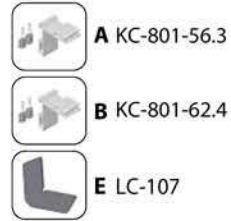
CODE / KOD
51LS-172-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
2.280

CORNER JOINTS
KÖŞE BAĞLANTILAR



MECHANICAL CORNER JOINTS
MEKANİK KÖŞE BAĞLANTILAR

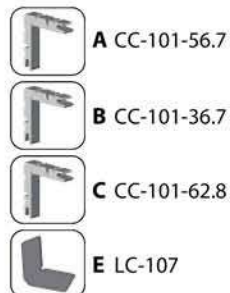


No Scaled / Ölçeksiz

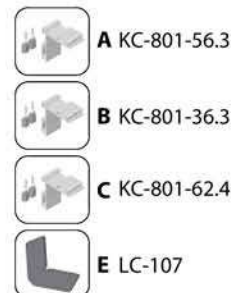
CODE / KOD
51LS-173-00

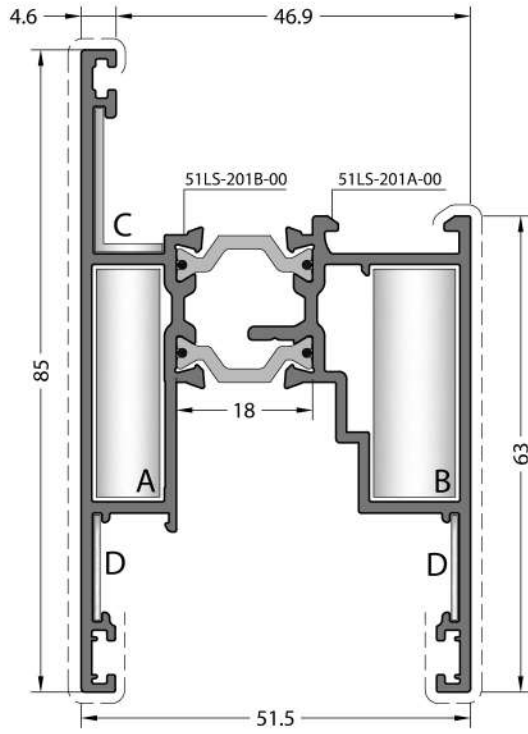
THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
3.152

CORNER JOINTS
KÖŞE BAĞLANTILAR



MECHANICAL CORNER JOINTS
MEKANİK KÖŞE BAĞLANTILAR

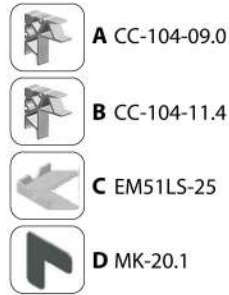




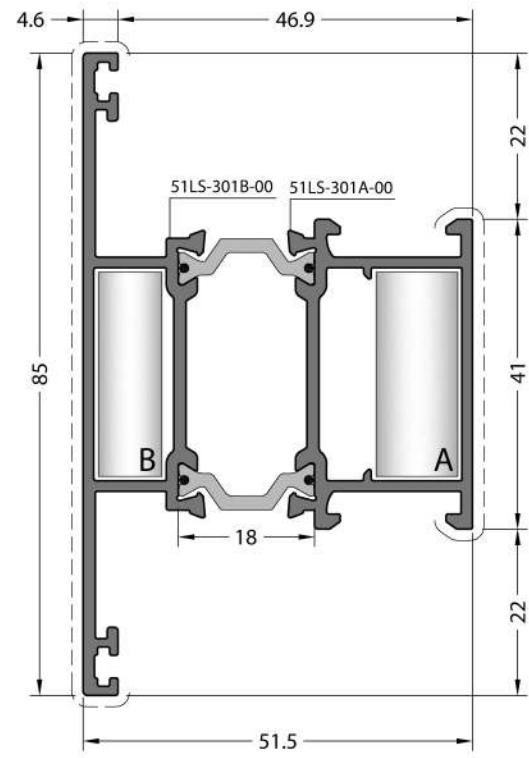
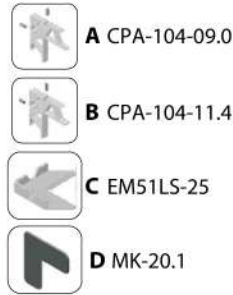
CODE / KOD
51LS-201-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
1.521

CORNER JOINTS
KÖŞE BAĞLANTILAR



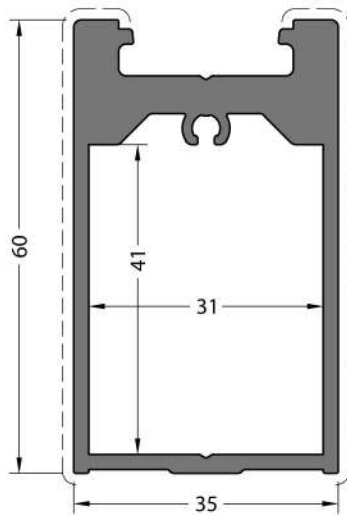
MECHANICAL COR. JOINT
MEKANİK KÖŞE BAĞLANTI



CODE / KOD
51LS-301-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
1.409

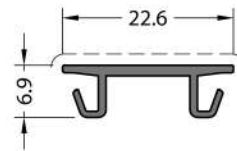
T JUNCTION
ÇEKTİRME BAĞLANTI



CODE / KOD
07-123-00

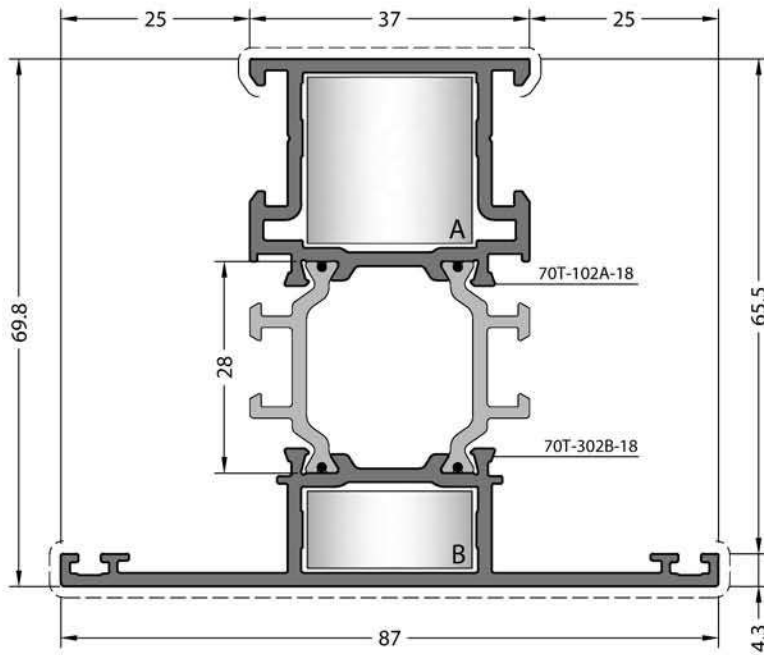
THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
1.591

ACCESSORY
AKSESUAR



CODE / KOD
07-124-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
0.129



CODE / KOD
70T-302-18

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
1.746

MONTAGE TO FRAME T JUNCTION
KASAYA ÇEKTİRME BAĞ.



A TJ70T-903-22.4



B TJ70T-901-22.4

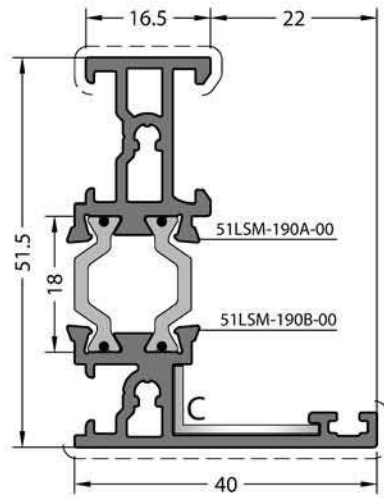
MONTAGE TO SASH T JUNCTION
STANDART KANAT ÇEKTİRME BAĞ.



A TJ70T-903-22.4



B TJ70T-902-22.4



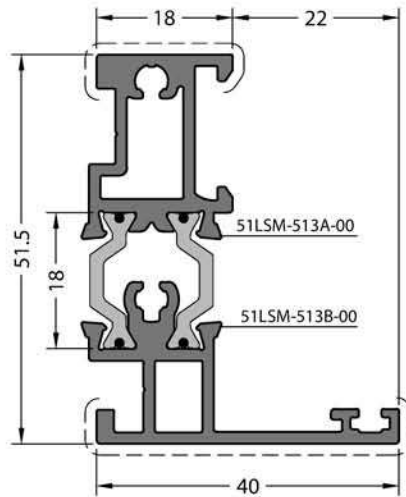
CODE / KOD
51LSM-190-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
0.975

CORNER JOINTS
KÖŞE BAĞLANTILAR

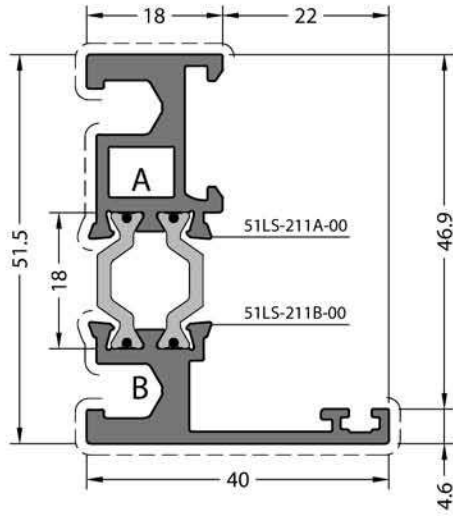


C EM51LS-25



CODE / KOD
51LSM-513-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
1.100



CODE / KOD
51LS-211-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
1.103

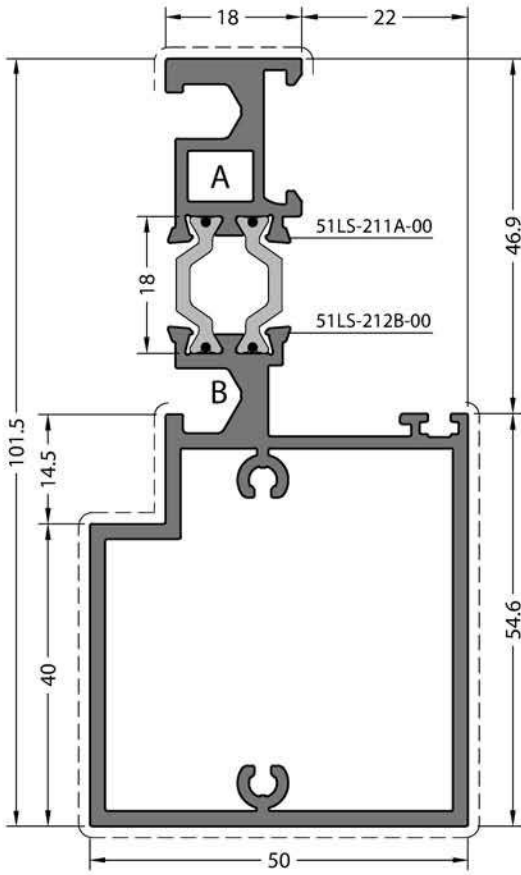
T JUNCTION
ÇEKTİRME BAĞLANTI



A CA51-911-18.5



B CA51-912-16.9



CODE / KOD
51LS-212-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
2.039

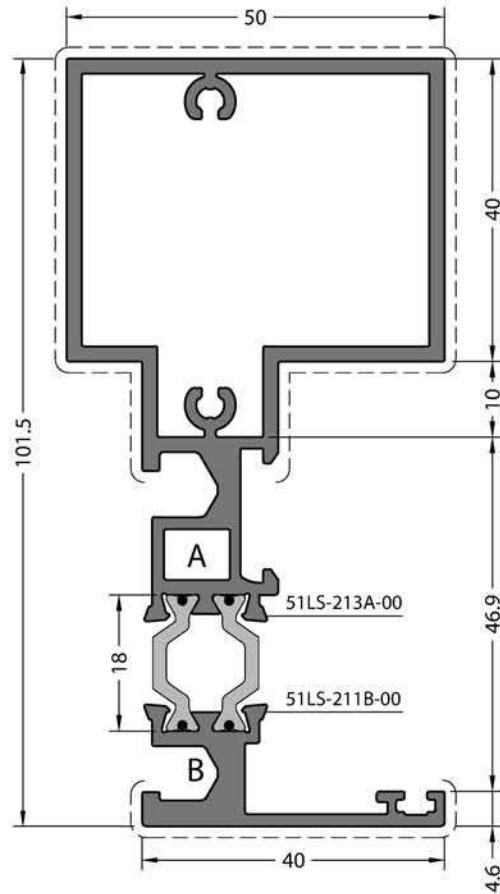
T JUNCTION
ÇEKTİRME BAĞLANTI



A CA51-911-18.5



B CA51-912-16.9



CODE / KOD
51LS-213-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
2.157

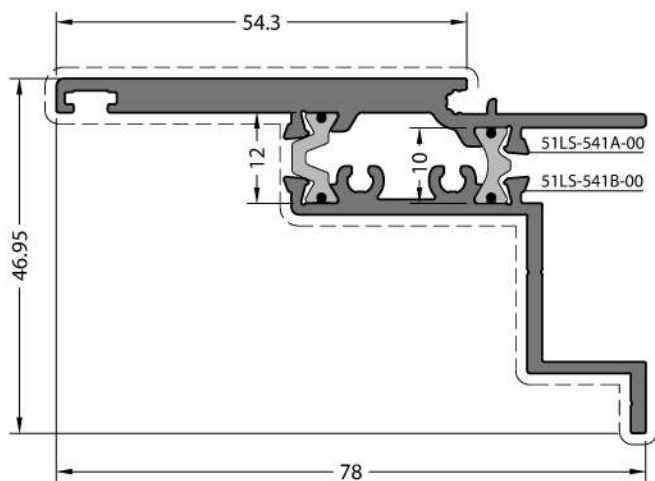
T JUNCTION
ÇEKTİRME BAĞLANTI



A CA51-911-18.5



B CA51-912-16.9



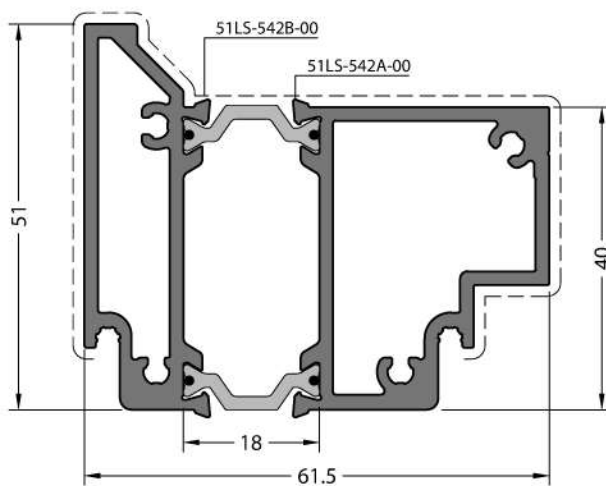
CODE / KOD
51LS-541-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
1.389

ACCESSORY
AKSESUAR



A EM51LS-541



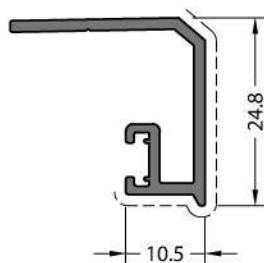
CODE / KOD
51LS-542-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
1.694

ACCESSORY
AKSESUAR

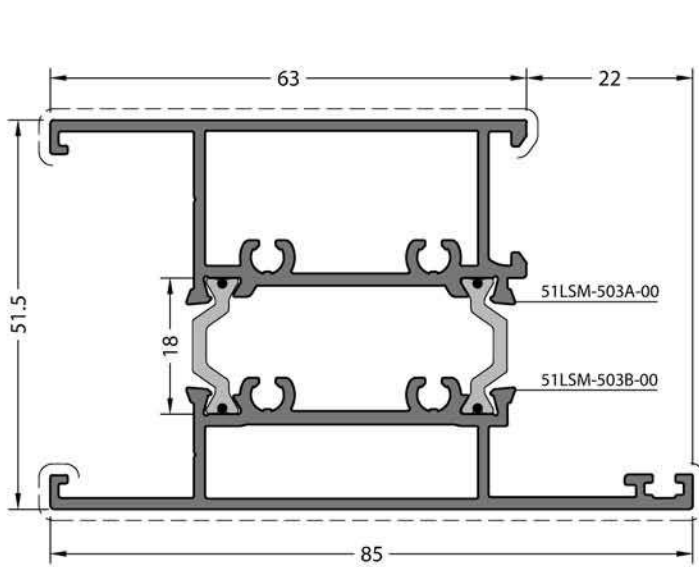


A EM51LS-541



CODE / KOD
51LSM-520-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
0.271



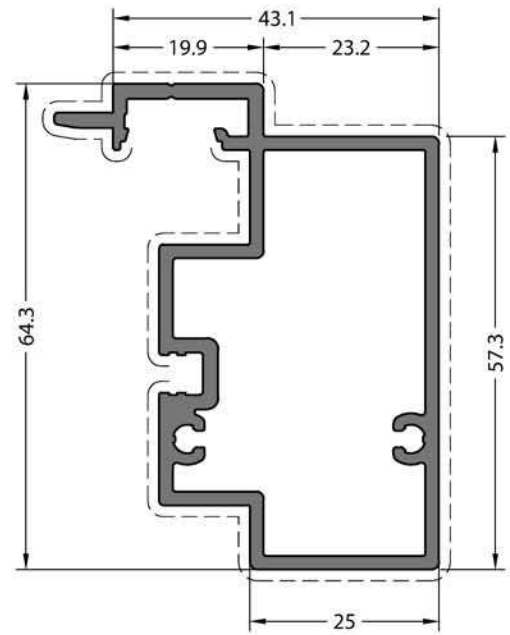
CODE / KOD
51LSM-503-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
1.651

ACCESORY
AKSESUAR



A EM51LSM-503



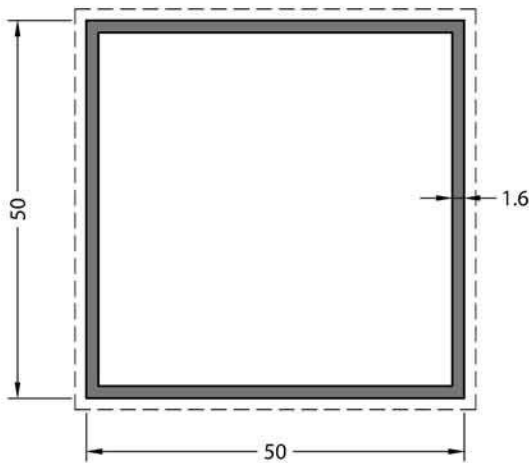
CODE / KOD
51LSM-505-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
1.256

ACCESORY
AKSESUAR

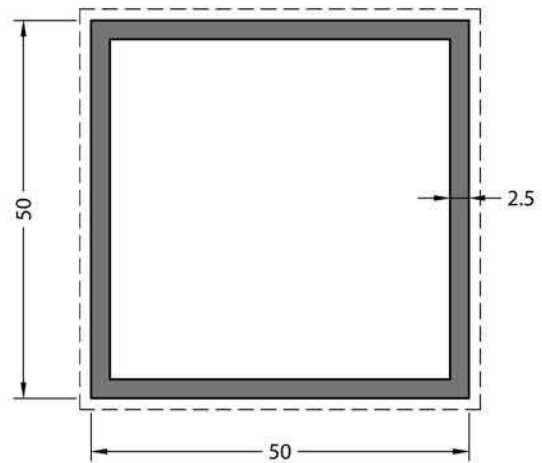


A EM51LSM-505



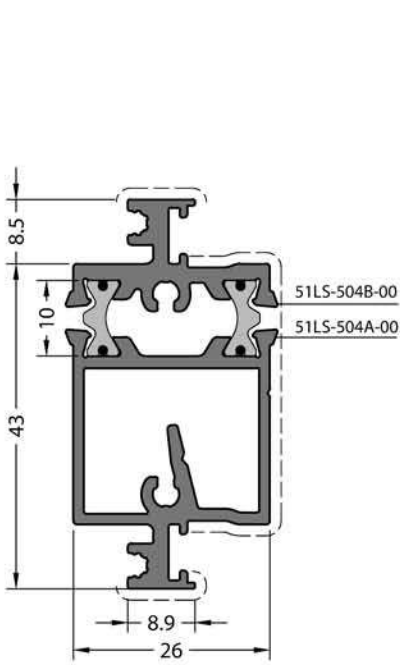
CODE / KOD
12-123-016

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
0.836



CODE / KOD
12-123-025

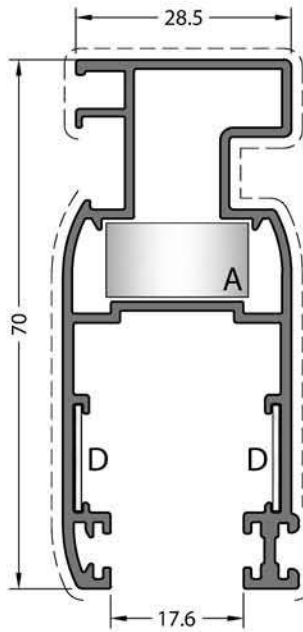
THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
1.283



CODE / KOD
51LS-504-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
1.050

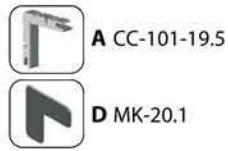
CAP / KAPAK



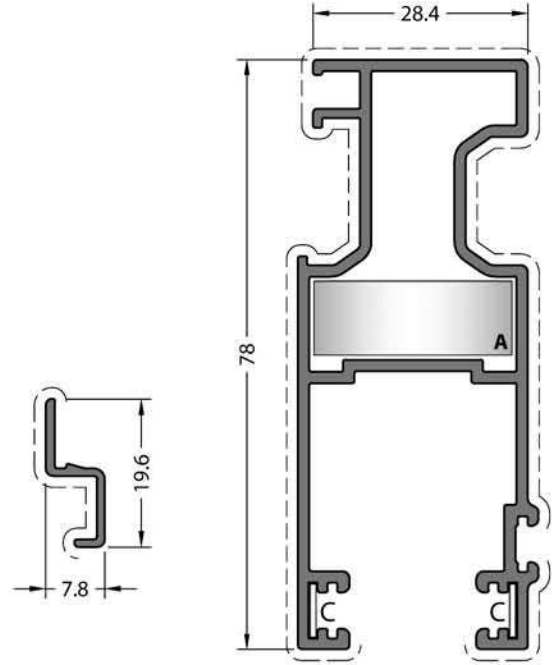
CODE / KOD
38T-251-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
0.920

CORNER JOINTS
KÖŞE BAĞLANTILAR



DIE-CAST CORNER JOINT
PİMLİ BAĞLANTI



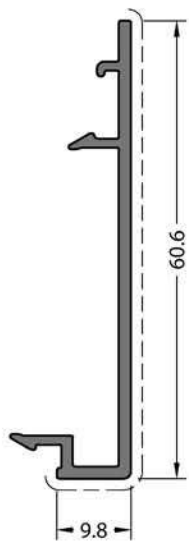
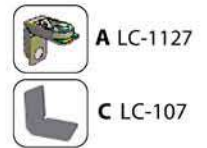
CODE / KOD
38T-252-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
0.084

CODE / KOD
45T-251-00

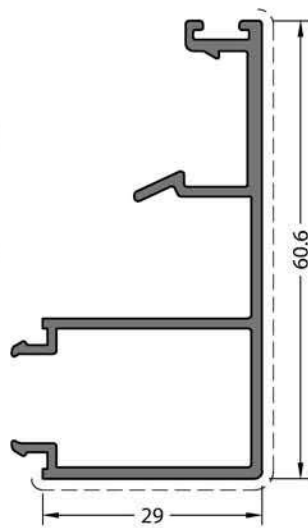
THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
1.103

JOINTS
BAĞLANTILAR



CODE / KOD
51LS-501-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
0.369



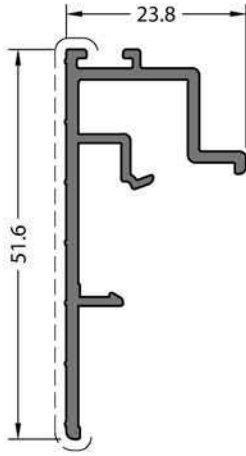
CODE / KOD
51LS-401-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
0.632



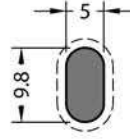
CODE / KOD
51LS-413-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
0.548



CODE / KOD
51LS-421-00

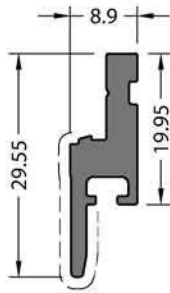
THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
0.446



20 Micron Anodized.
20 Mikron Eloksal.

CODE / KOD
13-134-050R

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
0.118

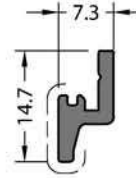


STANDARD CLAMP
STANDART KENET

12 Micron Mat Black Anodized.
12 Mikron Mat Siyah Eloksal.

CODE / KOD
51LS-502-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
0.325

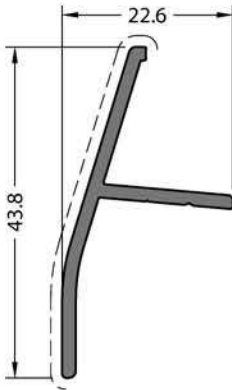


NARROW CLAMP
DAR KENET

12 Micron Mat Black Anodized.
12 Mikron Mat Siyah Eloksal.

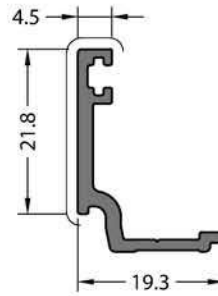
CODE / KOD
51LS-512-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
0.122



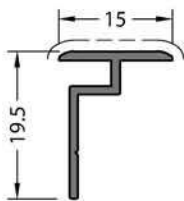
CODE / KOD
51LS-520-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
0.305



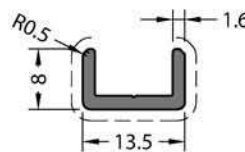
CODE / KOD
07-111-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
0.233



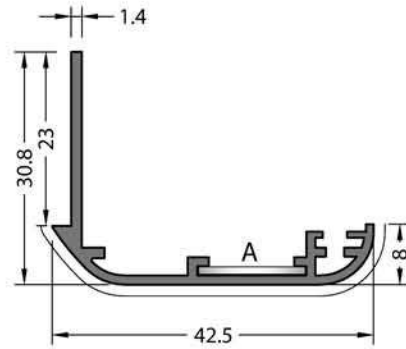
CODE / KOD
07-201-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
0.118



CODE / KOD
07-113-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
0.116



CODE / KOD
07-102-00

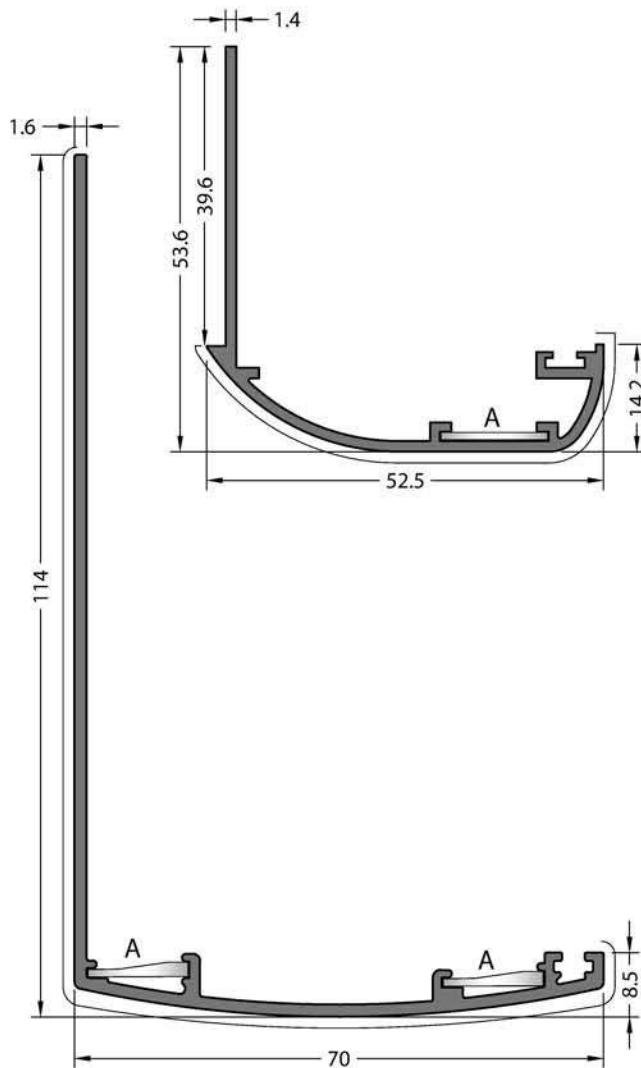
THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
0.324

CORNER JOINT

KÖŞE BAĞLANTI



A MK-20.1



CODE / KOD
07-103-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
0.488

CORNER JOINT

KÖŞE BAĞLANTI



A MK-20.1

CODE / KOD
07-105-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
0.875

CORNER JOINT

KÖŞE BAĞLANTI

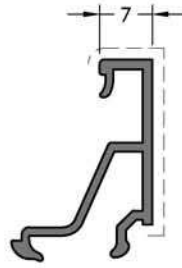


A LC-122



CODE / KOD
08-101-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
0.217



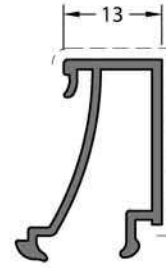
CODE / KOD
08-102-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
0.223



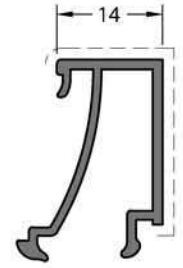
CODE / KOD
08-103-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
0.237



CODE / KOD
08-104-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
0.256



CODE / KOD
08-105-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
0.260



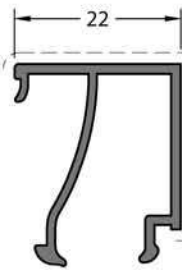
CODE / KOD
08-107-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
0.262



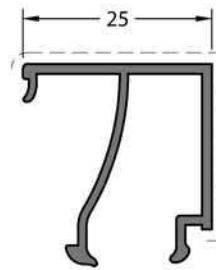
CODE / KOD
08-108-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
0.269



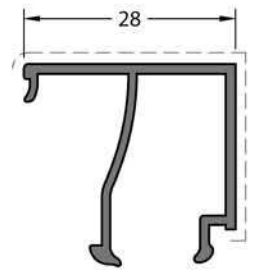
CODE / KOD
08-109-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
0.280



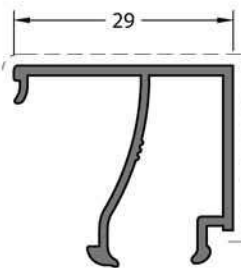
CODE / KOD
08-112-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
0.291



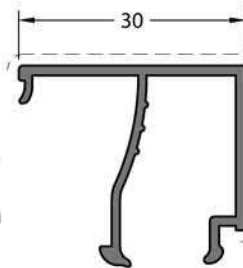
CODE / KOD
08-113-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
0.300



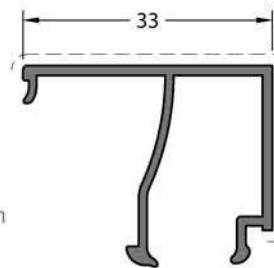
CODE / KOD
08-114-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
0.306



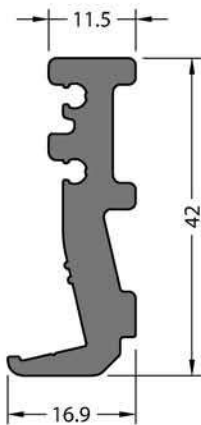
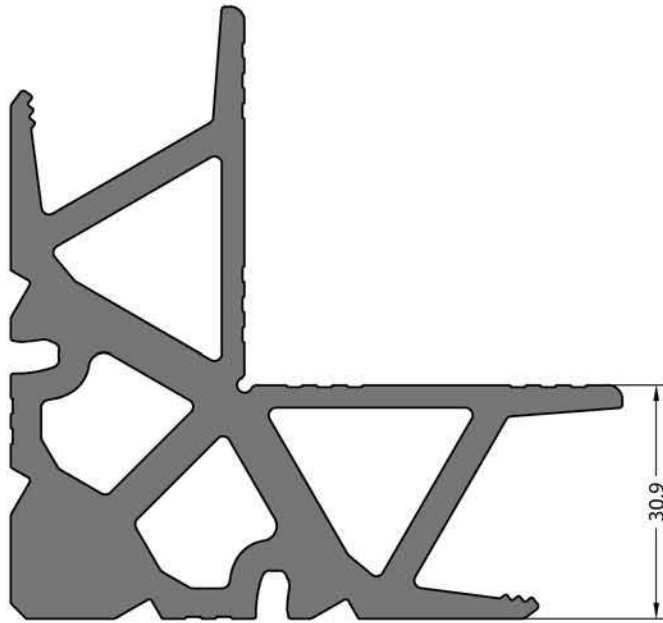
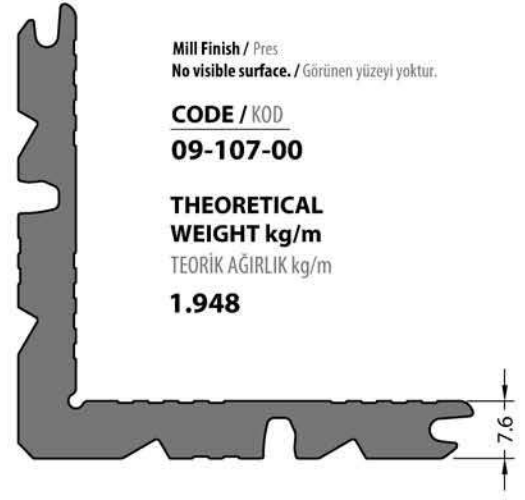
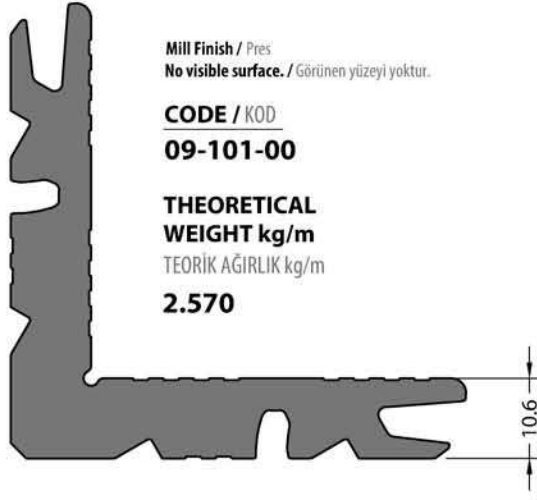
CODE / KOD
08-117-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
0.309



CODE / KOD
08-115-00

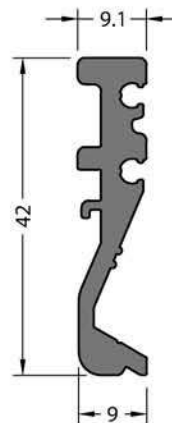
THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
0.317



Mill Finish / Pres
No visible surface. / Görünen yüzeyi yoktur.

CODE / KOD
51LS-901-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
0.821



Mill Finish / Pres
No visible surface. / Görünen yüzeyi yoktur.

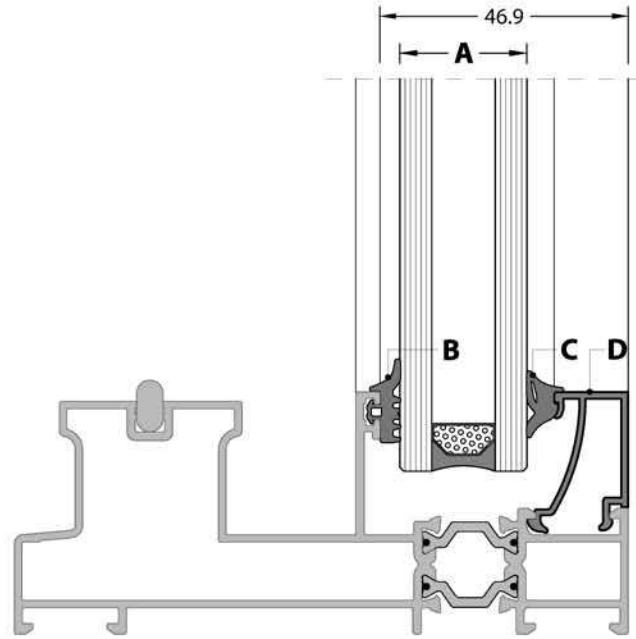
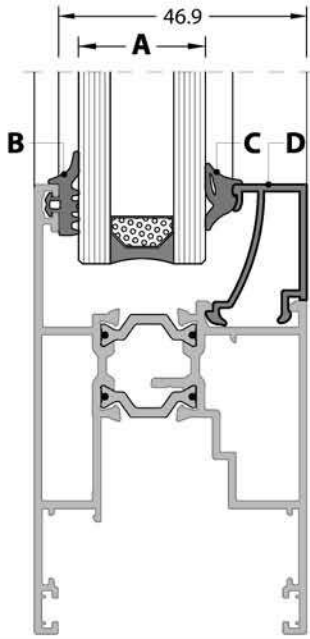
CODE / KOD
51LS-902-00

THEORETICAL WEIGHT kg/m
TEORİK AĞIRLIK kg/m
0.546

51S

GLAZING TABLES / CAM TABLOLARI

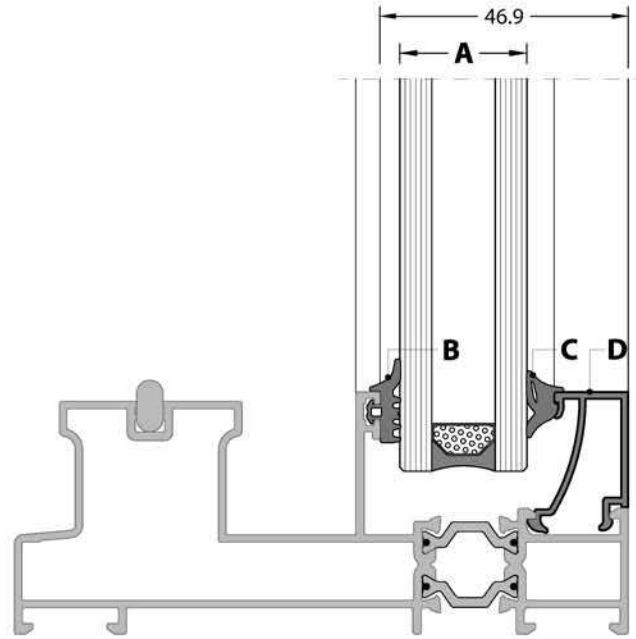
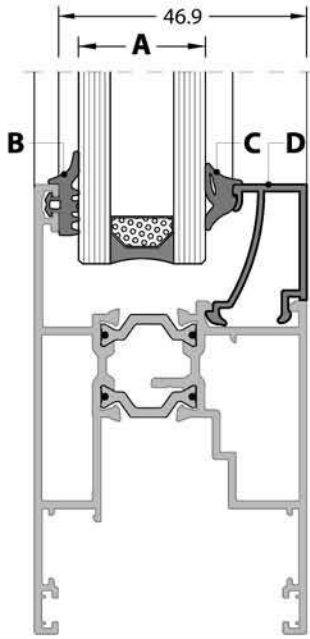
GLAZING TABLE / CAM TABLOSU



A	B	C	D
GLAZING THICKNESS CAM KALINLIĞI	OUTSIDE GLASS GASKET DIŞ CAM FİTİLİ	INSIDE GLASS GASKET İÇ CAM FİTİLİ	GLAZING BEAD CAM ÇİTASI
4 mm	EM2-03	EM1-05	08-115-00
5 mm	EM2-03	EM1-04	
6 mm	EM2-03	EM1-03	
7 mm	EM2-03	EM1-02	
7 mm	EM2-03	EM1-05	08-117-00
8 mm	EM2-03	EM1-04	
9 mm	EM2-03	EM1-03	
10 mm	EM2-03	EM1-02	
8 mm	EM2-03	EM1-05	08-114-00
9 mm	EM2-03	EM1-04	
10 mm	EM2-03	EM1-03	
11 mm	EM2-03	EM1-02	
9 mm	EM2-03	EM1-05	08-113-00
10 mm	EM2-03	EM1-04	
11 mm	EM2-03	EM1-03	
12 mm	EM2-03	EM1-02	

A	B	C	D
GLAZING THICKNESS CAM KALINLIĞI	OUTSIDE GLASS GASKET DIŞ CAM FİTİLİ	INSIDE GLASS GASKET İÇ CAM FİTİLİ	GLAZING BEAD CAM ÇİTASI
12 mm	EM2-03	EM1-05	08-112-00
13 mm	EM2-03	EM1-04	
14 mm	EM2-03	EM1-03	
15 mm	EM2-03	EM1-02	
15 mm	EM2-03	EM1-05	08-109-00
16 mm	EM2-03	EM1-04	
17 mm	EM2-03	EM1-03	
18 mm	EM2-03	EM1-02	
18 mm	EM2-03	EM1-05	08-108-00
19 mm	EM2-03	EM1-04	
20 mm	EM2-03	EM1-03	
21 mm	EM2-03	EM1-02	
20 mm	EM2-03	EM1-05	08-107-00
21 mm	EM2-03	EM1-04	
22 mm	EM2-03	EM1-03	
23 mm	EM2-03	EM1-02	

GLAZING TABLE / CAM TABLOSU



A	B	C	D
GLAZING THICKNESS CAM KALINLIĞI	OUTSIDE GLASS GASKET DIŞ CAM FİTİLİ	INSIDE GLASS GASKET İÇ CAM FİTİLİ	GLAZING BEAD CAM ÇİTASI
23 mm	EM2-03	EM1-05	08-105-00
24 mm	EM2-03	EM1-04	
25 mm	EM2-03	EM1-03	
26 mm	EM2-03	EM1-02	
24 mm	EM2-03	EM1-05	08-104-00
25 mm	EM2-03	EM1-04	
26 mm	EM2-03	EM1-03	
27 mm	EM2-03	EM1-02	
27 mm	EM2-03	EM1-05	08-103-00
28 mm	EM2-03	EM1-04	
29 mm	EM2-03	EM1-03	
30 mm	EM2-03	EM1-02	
30 mm	EM2-03	EM1-05	08-102-00
31 mm	EM2-03	EM1-04	
32 mm	EM2-03	EM1-03	
33 mm	EM2-03	EM1-02	

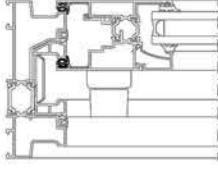
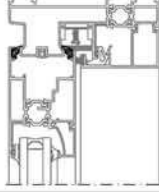
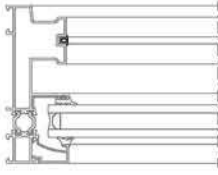
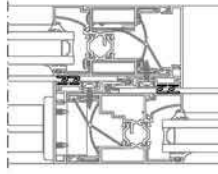
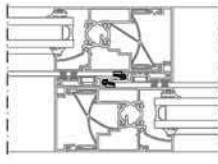
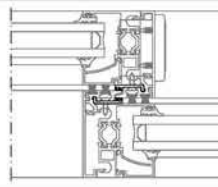
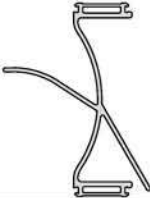
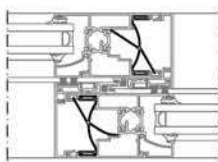
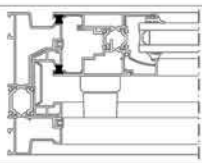
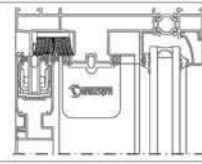
A	B	C	D
GLAZING THICKNESS CAM KALINLIĞI	OUTSIDE GLASS GASKET DIŞ CAM FİTİLİ	INSIDE GLASS GASKET İÇ CAM FİTİLİ	GLAZING BEAD CAM ÇİTASI
33 mm	EM2-03	EM1-05	08-101-00
34 mm	EM2-03	EM1-04	
35 mm	EM2-03	EM1-03	
36 mm	EM2-03	EM1-02	

* Look 70T catalogue for 70T glazing table.
70T Cam tablosu için 70T kataloğuna bakınız.

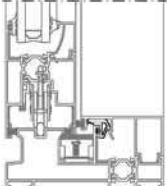
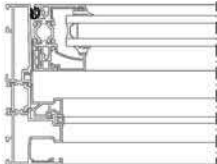
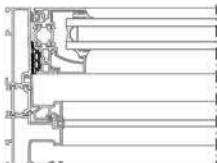
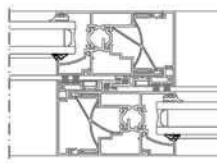
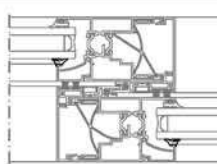
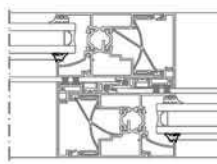
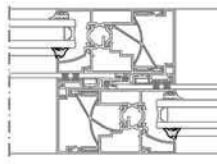
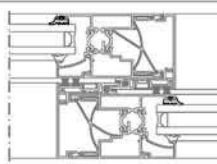
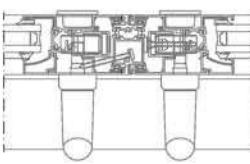
51S

ACCESSORIES / AKSESUARLAR

GASKETS / FİTİLLER

CODE / KOD	DRAWING / ÇİZİM	APPLICATION / UYGULAMA	DESCRIPTION AÇIKLAMA	MATERIAL MALZEME	IN ONE PACKAGE PAKET MİKTARI
EM70LS-03			SASH GASKET KANAT FİTİLİ	EPDM	366 m
EM51LS-03			SASH GASKET KANAT FİTİLİ	EPDM	325 m
EM45-05			FRAME GASKET KASA FİTİLİ	EPDM	550 m
EM51LS-11			CLAMPING GASKET KENET FİTİLİ	Co Extruded	250 m
EM51LS-02			CLAMPING GASKET KENET FİTİLİ	EPDM	400 m
EM51LS-05 NARROW CLAMP DAR KENET			CLAMPING GASKET KENET FİTİLİ	EPDM	225 m
EM51LS-04			CLAMPING GASKET KENET FİTİLİ	EPDM	50 m
PB-7-800			BRUSH / FIRÇA (8 mm)	-	225 m
PB-67-1800			BRUSH / FIRÇA (18 mm)	-	150 m

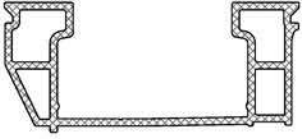
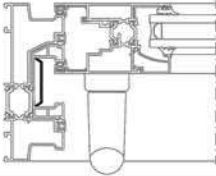
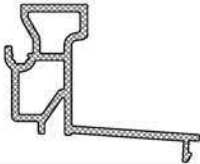
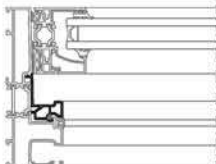
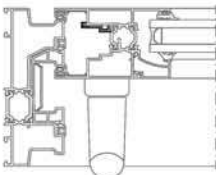
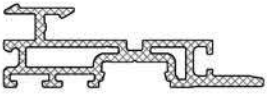
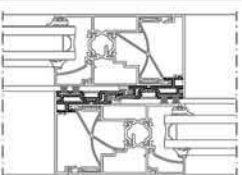
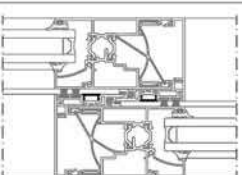
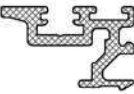
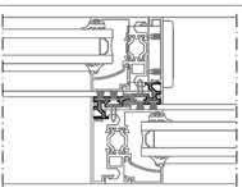
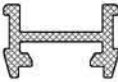
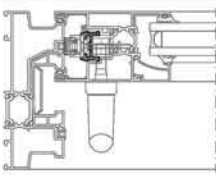
GASKETS / FİTİLLER

CODE / KOD	DRAWING / ÇİZİM	APPLICATION / UYGULAMA	DESCRIPTION AÇIKLAMA	MATERIAL MALZEME	IN ONE PACKAGE PAKET MİKTARI
EM70LS-05			CAP GASKET KAPAK FİTİLİ	EPDM	117 m
EM51LSM-190A			SASH GASKET KASET FİTİLİ	SILICONE SİLİKON	250 m
EM51LSM-190B			SASH GASKET KASET FİTİLİ	EPDM	50 m
EM1-02			INSIDE GLASS GASKET İÇ CAM FİTİLİ	EPDM	300 m
EM1-03			INSIDE GLASS GASKET İÇ CAM FİTİLİ	EPDM	250 m
EM1-04			INSIDE GLASS GASKET İÇ CAM FİTİLİ	EPDM	215 m
EM1-05			INSIDE GLASS GASKET İÇ CAM FİTİLİ	EPDM	210 m
EM2-03			OUTSIDE GLASS GASKET DIŞ CAM FİTİLİ	EPDM	230 m
O.RING-3 mm			O-RING Gasket O-RİNG FİTİLİ	EPDM	500 m

INJECTION / KÖŞE FİTİL

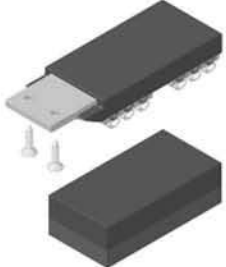
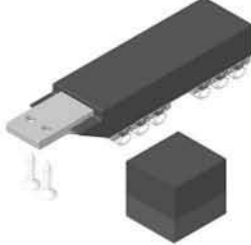
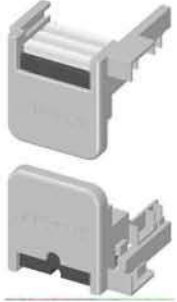
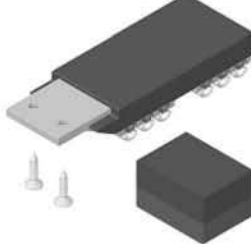
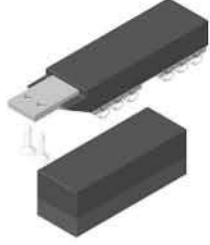
CODE / KOD	DRAWING / ÇİZİM	APPLICATION / UYGULAMA	DESCRIPTION AÇIKLAMA	MATERIAL MALZEME	IN ONE PACKAGE PAKET MİKTARI
EM51LS-C03			INJECTION GASKET ENJEKSİYON FİTİL	EPDM	Set / Takım

PVC ADAPTER / PVC ADAPTÖR

CODE / KOD	DRAWING / ÇİZİM	APPLICATION UYGULAMA	DESCRIPTION AÇIKLAMA	MATERIAL MALZEME	IN ONE PACKAGE PAKET MİKTARI
EM51LS-102A			U PLASTIK U PLASTIC	PVC	6000 mm
EM51LS-102B			INSULATION PLATIC ISI PLASTIĞI	PVC	6000 mm
EM51LSM-101			U PLASTIK U PLASTIC	PVC	6000 mm
EM51LS-200			PVC PROFILE PVC PROFİL	PVC	6000 mm
EM51LS-501A			CLAMP PLASTIC KENET PLASTIĞI	PVC	6000 mm
EM51LS-501B			PLASTIC CAP KENET PLASTİK KAPAĞI	PVC	6000 mm
EM51LS-511 NARROW CLAMP DAR KENET			CLAMP PLASTIC KENET PLASTIĞI	PVC	6000 mm
EM51LS-250			PVC ESPAGNOLETTE GUIDE PVC İSPANYOLET ALTLIĞI	PVC	6000 mm

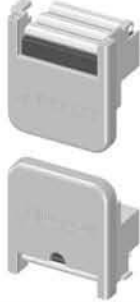
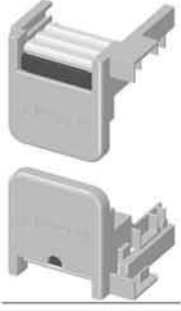
LIFT & SLIDE / KALDIR-SÜR

ACCESORIES / AKSESUARLAR

PACKAGE CODE PAKET KOD	VIEW RESİM	DESCRIPTION AÇIKLAMA	PACKAGE CODE PAKET KOD	VIEW RESİM	DESCRIPTION AÇIKLAMA
EM51LS-201		CLAMPING ACCESSORIES SET KENET AKSESUAR TAKIMI	EM51LS-32		WEATHER STRIP SET 2'Lİ KASA HAVA KESİCİ TAKIMI
EM51LS-212 OUTSIDE DIŞ		NARROW CLAMPING ACCESSORIES SET DAR KENET AKSESUAR TAKIMI	EM51LS-31DK NARROW CLAMP DAR KENET		NARROW CLAMPING WEATHER STRIP SET SABİTLİ KASA DAR KENET HAVA KESİCİ TAKIMI
EM51LS-213 INSIDE İÇ		NARROW CLAMPING ACCESSORIES SET DAR KENET AKSESUAR TAKIMI	EM51LS-32DK NARROW CLAMPING DAR KENET		NARROW CLAMPING WEATHER STRIP SET 2'Lİ KASA DAR KENET HAVA KESİCİ TAKIMI
EM51LS-504		FOUR SASH ACCESSORIES SET DÖRT KANAT AKSESUAR TAKIMI	EM51LS-07		SASH STABILITY PLASTIC KANAT DENGİ PLASTİĞİ
EM51LS-31		FIXED WEATHER STRIP SET SABİTLİ HAVA KESİCİ TAKIMI	EM51LS-005		STOPPER STOPER

SLIDING / SÜRME

ACCESORIES / AKSESUARLAR

PACKAGE CODE PAKET KOD	VIEW RESİM	DESCRIPTION AÇIKLAMA	PACKAGE CODE PAKET KOD	VIEW RESİM	DESCRIPTION AÇIKLAMA
EM51SD-201		CLAMPING ACCESSORIES SET KENET AKSESUAR TAKIMI	EM51SD-31		FIXED WEATHER STRIP SET SABİTLİ HAVA KESİCİ TAKIMI
EM51SD-212 OUTSIDE DIŞ		NARROW CLAMPING ACCESSORIES SET DAR KENET AKSESUAR TAKIMI	EM51SD-32		WEATHER STRIP SET 2'Lİ KASA HAVA KESİCİ TAKIMI
EM51SD-213 INSIDE İÇ		NARROW CLAMPING ACCESSORIES SET DAR KENET AKSESUAR TAKIMI	EM51SD-08		SASH STABILITY PLASTIC KANAT DENGİ PLASTİĞİ
EM51LS-504		FOUR SASH ACCESSORIES SET DÖRT KANAT AKSESUAR TAKIMI	EM51SD-72		PULLEY RULMAN 2 Pulley / Rulman : 120 Kg 4 Pulley / Rulman : 200 Kg ± 2 mm Adjustable Ayarlanabilir

GENERAL ACCESSORIES

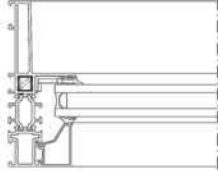
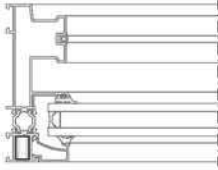
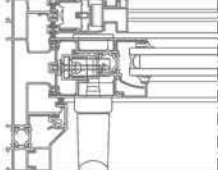
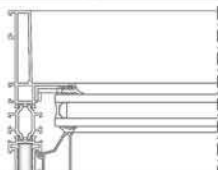
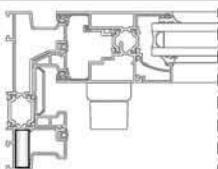
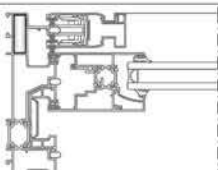
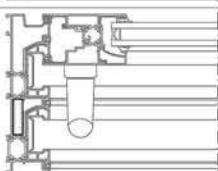
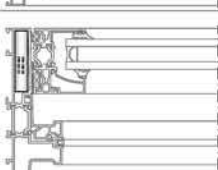
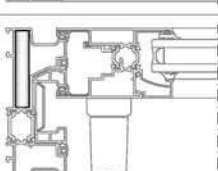
GENEL AKSESUARLAR

PACKAGE CODE PAKET KOD	VIEW RESİM	DESCRIPTION AÇIKLAMA	PACKAGE CODE PAKET KOD	VIEW RESİM	DESCRIPTION AÇIKLAMA
EM70LS-09		DRAINAGE CAP TAHLİYE KAPAĞI	EM09-0001		SPILL /TAPA
EM70LS-10		DRAINAGE CAP TAHLİYE KAPAĞI	EM51LS-1101		FRAME SEPARATOR PLASTIC KASA AYIRICI PLASTİĞİ
EM51LS-29		SASH FIXING WEDGE KANAT SABİTLEME TAKOZU	EM51LS-1102		FRAME SEPARATOR PLASTIC KASA AYIRICI PLASTİĞİ
EM51LS-190		FRAME MONTAGE WEDGE KASA MONTAJ TAKOZU	EM51LS-541		CORNER CAP SET KÖŞE DÖNÜŞ KAPAK TAKIMI

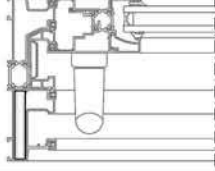
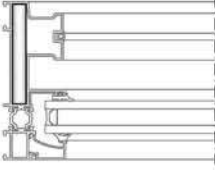
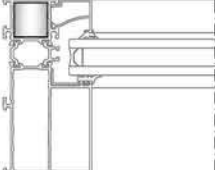
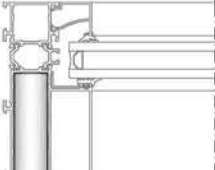
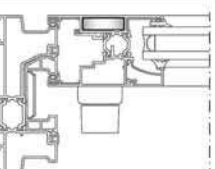
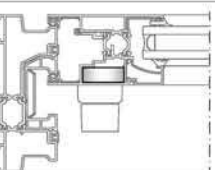
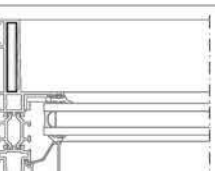
ACCESSORIES / AKSESUARLAR

PACKAGE CODE PAKET KOD	VIEW RESİM	DESCRIPTION AÇIKLAMA	PACKAGE CODE PAKET KOD	VIEW RESİM	DESCRIPTION AÇIKLAMA
EM51LSM-503		CAPED SET KAPAK TAKIMI	EM51LSM-505		CAPED SET KAPAK TAKIMI
EM51LSM-513		NARROW ACCESSORIES SET DAR KENET AKSESUAR TAKIMI			
EM51LS-600		CLAMPING PLASTIC CAP KENET PLASTİK KAPAĞI			

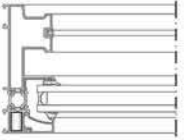
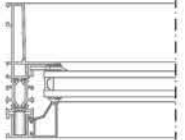
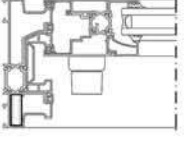
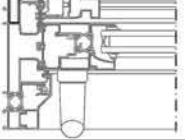
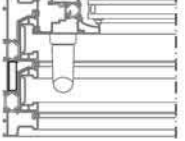
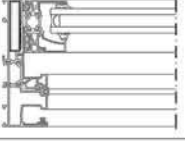
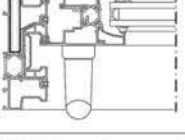
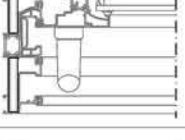
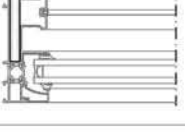
CUTTED CORNER JOINTS / KESİLMİŞ KÖŞE TAKOZLAR

PACKAGE CODE PAKET KODU	DRAWING ÇİZİM	APPLICATION UYGULAMA	PROFILE CODE PROFİL KOD	CUTTING SIZE KESİM ÖLÇÜSÜ	APPLICATION PROFILES ÇALIŞTIĞI PROFİLLER
CC-101-10.9			09-101-00	10.9 mm	70T-141-18
CC-101-17.3			09-101-00	17.3 mm	51LS-101-00 51LS-151-00
CC-101-19.5			09-101-00	19.5 mm	38T-251-00
CC-101-22.7			09-101-00	22.7 mm	70T-141-18
CC-101-28.1			09-101-00	28.1 mm	51LS-102-00 51LS-103-00 51LS-152-00 51LS-153-00
CC-101-33.2			09-101-00	33.2 mm	51LS-151-00 51LS-152-00 51LS-153-00
CC-101-36.7			09-101-00	36.7 mm	51LSM-101-00 51LS-103-00 51LS-153-00 51LS-112-00 51LS-113-00 51LS-162-00 51LS-163-00 51LS-173-00
CC-101-48.5			09-101-00	48.5 mm	51LSM-101-00
CC-101-56.7			09-101-00	56.7 mm	51LS-102-00 51LS-103-00 51LS-152-00 51LS-153-00 51LS-172-00 51LS-173-00

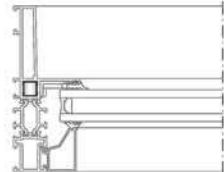
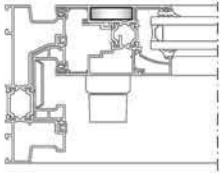
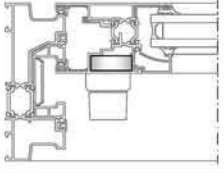
CUTTED CORNER JOINTS / KESİLMİŞ KÖŞE TAKOZLAR

PACKAGE CODE PAKET KODU	DRAWING ÇİZİM	APPLICATION UYGULAMA	PROFILE CODE PROFİL KOD	CUTTING SIZE KESİM ÖLÇÜSÜ	APPLICATION PROFILES ÇALIŞTIĞI PROFİLLER
CC-101-62.8			09-101-00	62.8 mm	51LS-172-00 51LS-173-00
CC-101-73.6			09-101-00	73.6 mm	51LS-101-00 51LS-151-00
CC-103-23.4			09-103-00	23.4 mm	58T-151-15
CC-103-66.6			09-103-00	66.6 mm	58T-151-15
CC-104-09.0			09-104-00	09.0 mm	51LS-201-00
CC-104-11.4			09-104-00	11.4 mm	51LS-201-00
CC-107-50.2			09-107-00	50.2 mm	70T-141-18

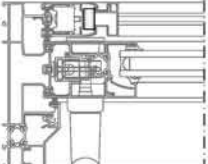
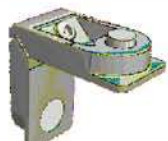
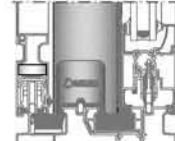
MECHANICAL CORNER JOINTS / MEKANİK KÖŞE BAĞLANTILAR

PACKAGE CODE PAKET KODU	DRAWING ÇİZİM	APPLICATION UYGULAMA	PROFILE CODE PROFİL KOD	CUTTING SIZE KESİM ÖLÇÜSÜ	APPLICATION PROFILES ÇALIŞTIĞI PROFİLLER
KC-801-16.9			09-801-00	16.9 mm	51LS-101-00 51LS-151-00
KC-801-22.4			09-801-00	22.4 mm	70T-141-18
KC-801-27.7			09-801-00	27.7 mm	51LS-102-00 51LS-103-00 51LS-152-00 51LS-153-00
KC-801-32.8			09-801-00	32.8 mm	51LS-151-00 51LS-152-00 51LS-153-00
KC-801-36.3			09-801-00	36.3 mm	51LSM-101-00 51LS-103-00 51LS-153-00 51LS-112-00 51LS-113-00 51LS-162-00 51LS-163-00 51LS-173-00
KC-801-48.0			09-801-00	48.0 mm	51LSM-101-00
KC-801-56.3			09-801-00	56.3 mm	51LS-102-00 51LS-103-00 51LS-152-00 51LS-153-00 51LS-172-00 51LS-173-00
KC-801-62.4			09-801-00	62.4 mm	51LS-172-00 51LS-173-00
KC-801-73.1			09-801-00	73.1 mm	51LS-101-00 51LS-151-00

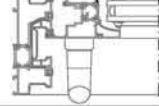
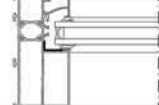
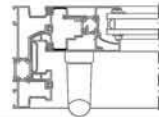
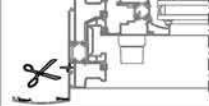
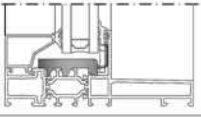
PRESS CORNER JOINTS / PRES KÖŞE BAĞLANTILAR

PACKAGE CODE PAKET KODU	DRAWING ÇİZİM	APPLICATION UYGULAMA	PROFILE CODE PROFİL KOD	CUTTING SIZE KESİM ÖLÇÜSÜ	APPLICATION PROFILES ÇALIŞTIĞI PROFİLLER
CPA-101-10.9			09-101-00	10.9 mm	70T-141-18
CPA-104-09.0			09-104-00	09.0 mm	51LS-201-00
CPA-104-11.4			09-104-00	11.4 mm	51LS-201-00

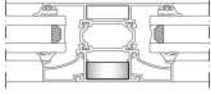
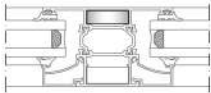
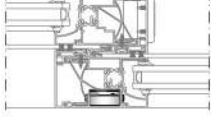
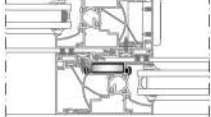
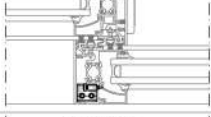
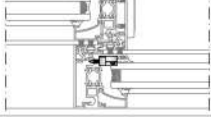
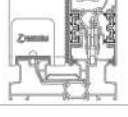
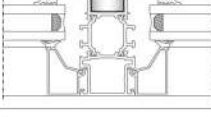
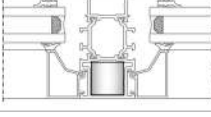
DIE-CAST CORNER JOINT / PİMLİ BAĞLANTI

PACKAGE CODE PAKET KODU	DRAWING ÇİZİM	APPLICATION UYGULAMA	APPLICATION PROFILES ÇALIŞTIĞI PROFİLLER	DESCRIPTION AÇIKLAMA	MATERIAL MALZEME
LC-1120			-	-	38T-251-00
LC-1127			-	-	45T-251-00

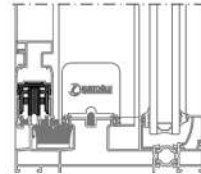
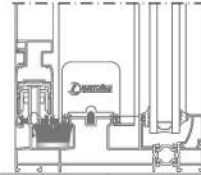
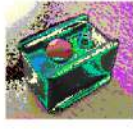
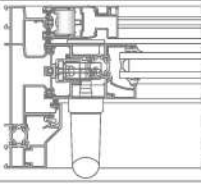
CORNER ACCESSORIES / KÖŞE BAĞLANTILAR

PACKAGE CODE PAKET KODU	DRAWING ÇİZİM	APPLICATION UYGULAMA	APPLICATION PROFILES ÇALIŞTIĞI PROFİLLER	DESCRIPTION AÇIKLAMA	MATERIAL MALZEME
EM51LS-25			51LS-101-00 51LS-151-00 51LS-201-00	CORNER JOINT KÖŞE BAĞLANTI	PVC
EM58-21			58T-151-15	CORNER JOINT KÖŞE BAĞLANTI	PVC
MK-20.1			51LSM-101-00 51LS-201-00 38T-251-00 07-102-00 07-103-00	51LS-112-00 51LS-113-00 51LS-162-00 51LS-163-00 CORNER JOINT KÖŞE BAĞLANTI	METAL
LC-107			51LS-151-00 51LS-152-00 51LS-153-00	51LS-172-00 51LS-173-00 45T-251-00 CORNER JOINT KÖŞE BAĞLANTI	METAL
LC-122			07-105-00	CORNER JOINT KÖŞE BAĞLANTI	DIE-CAST DÖKÜM
EM70T-G01			70T-141-18	FRAME GLASS WEDGE KASA CAM TAKOZU	ABS

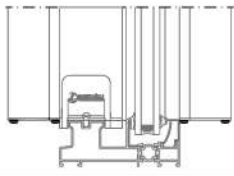
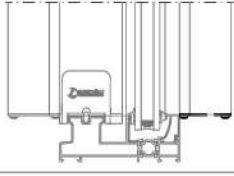
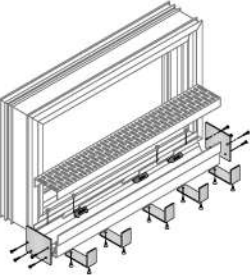
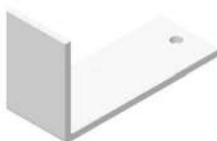
T JUNCTION / ÇEKTİRME BAĞLANTI

PACKAGE CODE PAKET KODU	DRAWING ÇİZİM	APPLICATION UYGULAMA	PROFILE CODE PROFİL KOD	CUTTING SIZE KESİM ÖLÇÜSÜ	APPLICATION PROFILES ÇALIŞTIĞI PROFİLLER
CA51-901-27.7			51LS-901-00	27.7 mm	51LS-301-00
CA51-902-27.7			51LS-902-00	27.7 mm	51LS-301-00
CA51-901-30.9			51LS-901-00	30.9 mm	51LS-201-00
CA51-902-30.9			51LS-902-00	30.9 mm	51LS-201-00
CA51-911-18.5			51LS-911-00	18.5 mm	51LS-211-00 51LS-212-00 51LS-213-00
CA51-912-16.9			51LS-912-00	16.9 mm	51LS-211-00 51LS-212-00 51LS-213-00
CA51-913-50.0			51LS-913-00	50 mm	51LS-201-00
TJ70T-901-22.4			70T-901-00	22.4 mm	70T-302-18
TJ70T-903-22.4			70T-903-00	22.4 mm	

FLY SCREEN ACCESSORIES / SİNEKLİK AKSESUARLARI

PACKAGE CODE PAKET KOD	DRAWING ÇİZİM	APPLICATION UYGULAMA	APPLICATION PROFILES ÇALIŞTIĞI PROFİLLER	DESCRIPTION AÇIKLAMA	MATERIAL MALZEME
EM38-32			38T-251-00	PULLEY WITH 2 WHEELS SÜRME İKİLİ RULMAN	-
ZM-07			51LS-151-00 51LS-152-00 51LS-153-00	CENTRAL SEAL HAVA KESİCİ	-
ZM-0330			38T-251-00	SASH STOPPER KANAT STOPER	-

ACCESSORIES / AKSESUARLAR

PACKAGE CODE PAKET KOD	DRAWING ÇİZİM	APPLICATION UYGULAMA	APPLICATION PROFILES ÇALIŞTIĞI PROFİLLER	DESCRIPTION AÇIKLAMA	MATERIAL MALZEME
EM51LS-212-SC			51LS-212-00	PROFILE CAP PROFİL KAPAĞI	ALUMINIUM ALÜMİNYUM
EM51LS-213-SC			51LS-213-00	PROFILE CAP PROFİL KAPAĞI	ALUMINIUM ALÜMİNYUM
CA77BF-151-01			-	STAINLESS STEEL GUTTER PASLANMAZ OLUK SACI 80x25	STAINLESS STEEL PASLANMAZ ÇELİK
CA51LS-561-02			-	GALVANIZED STEEL BRACKET GALVANİZLİ ÇELİK KÖŞEBENT	GALVANIZED STEEL ÇELİK
CA51LS-561-03			-	ALUMINIUM CAP ALÜMİNYUM KAPAK 3 mm	ALUMINIUM ALÜMİNYUM

ACCESSORIES / AKSESUARLAR

PACKAGE CODE PAKET KOD	DRAWING ÇİZİM	APPLICATION UYGULAMA	APPLICATION PROFILES ÇALIŞTIĞI PROFİLLER	DESCRIPTION AÇIKLAMA	MATERIAL MALZEME
CA51LS-121			51LS-101-00	FRAME CONNECTION KASA BAĞLANTI	ALUMINIUM ALÜMİNYUM
CA77BF-121			51LS-101-00	FRAME CONNECTION KASA BAĞLANTI	ALUMINIUM ALÜMİNYUM
CA51LS-122			51LS-102-00 51LS-103-00	FRAME CONNECTION KASA BAĞLANTI	ALUMINIUM ALÜMİNYUM
CA51LS-123			51LS-102-00 51LS-103-00	FRAME CONNECTION KASA BAĞLANTI	ALUMINIUM ALÜMİNYUM
CA51LS-124			51LS-103-00	FRAME CONNECTION KASA BAĞLANTI	ALUMINIUM ALÜMİNYUM

51LS

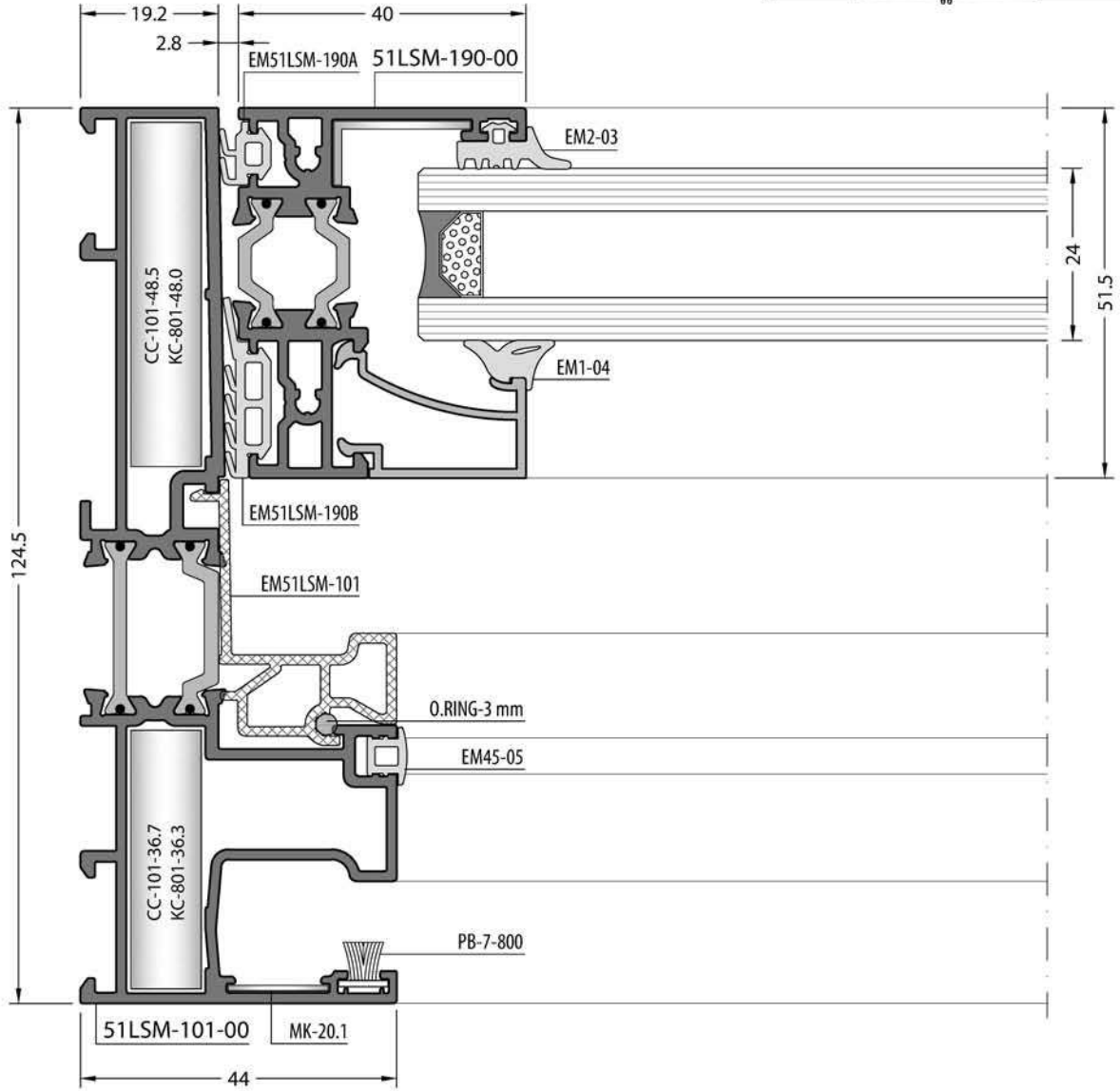
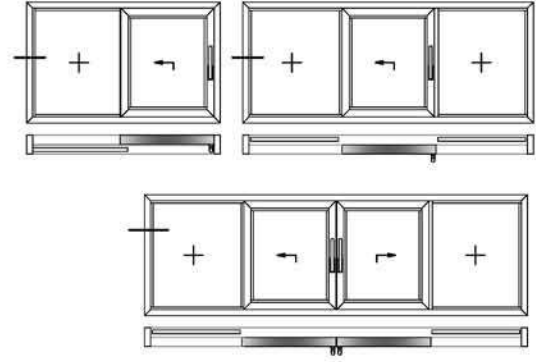
LIFT & SLIDE / KALDIR & SÜR

51S

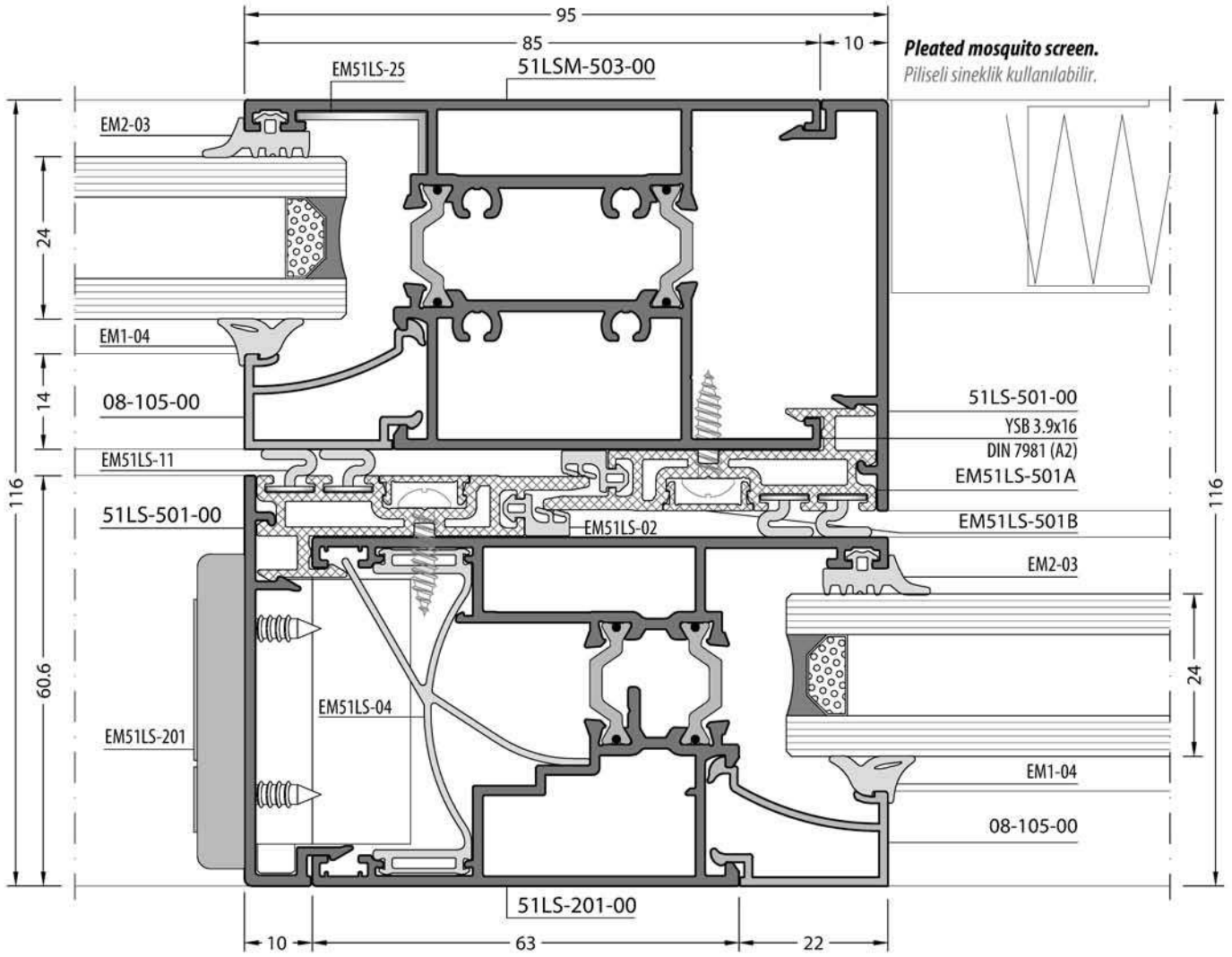
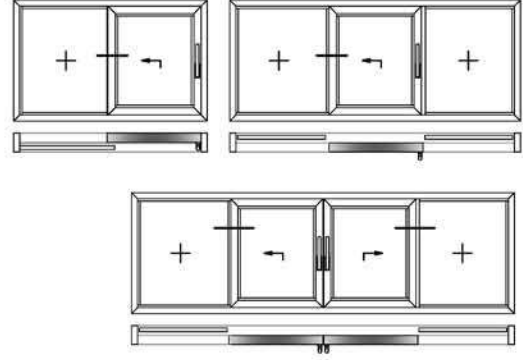
DETAILS / DETAYLAR

LIFT & SLIDE / KALDIR SÜR

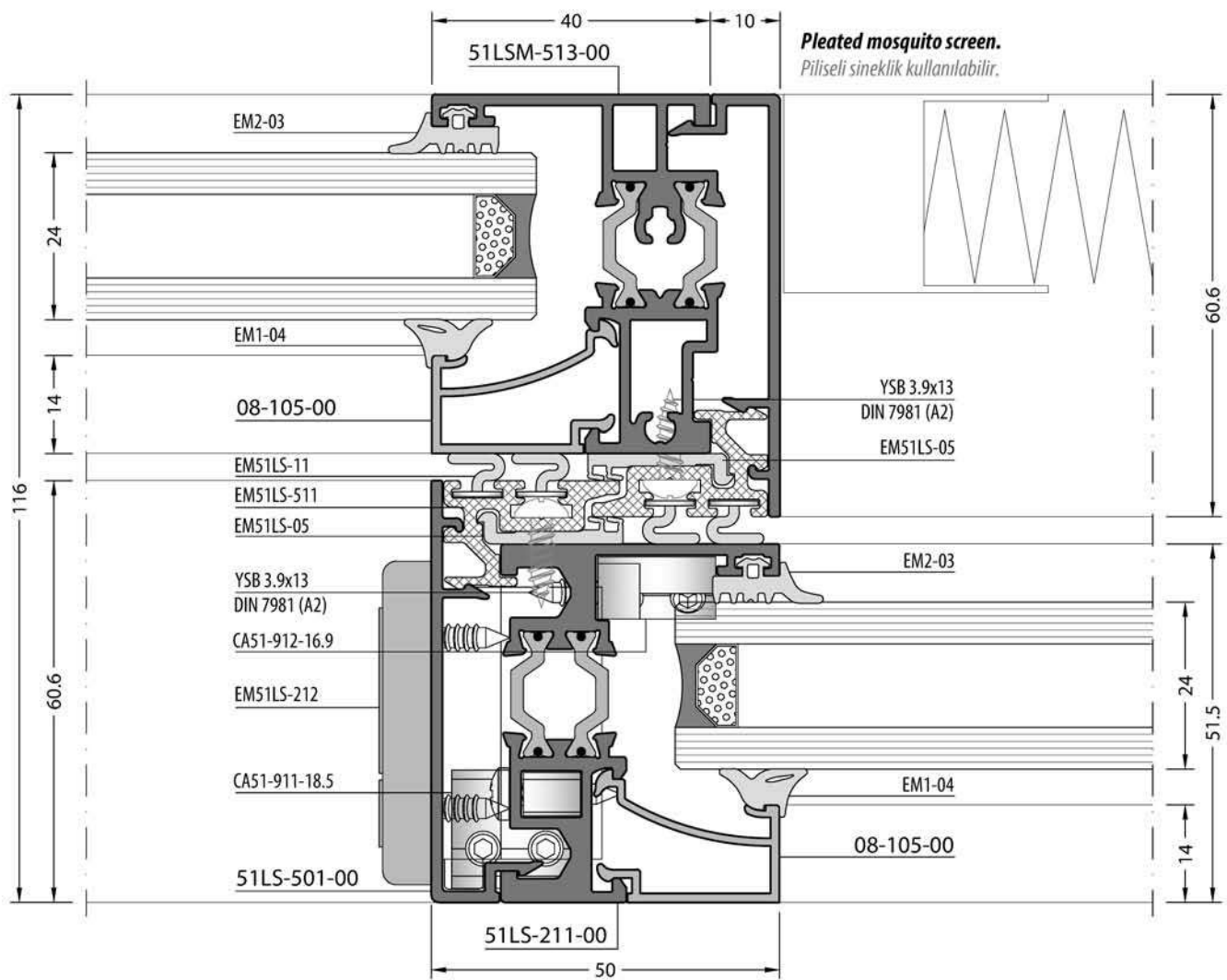
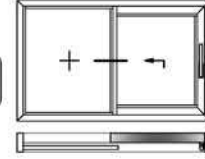
SASH ON INSIDE / KANAT İÇTE



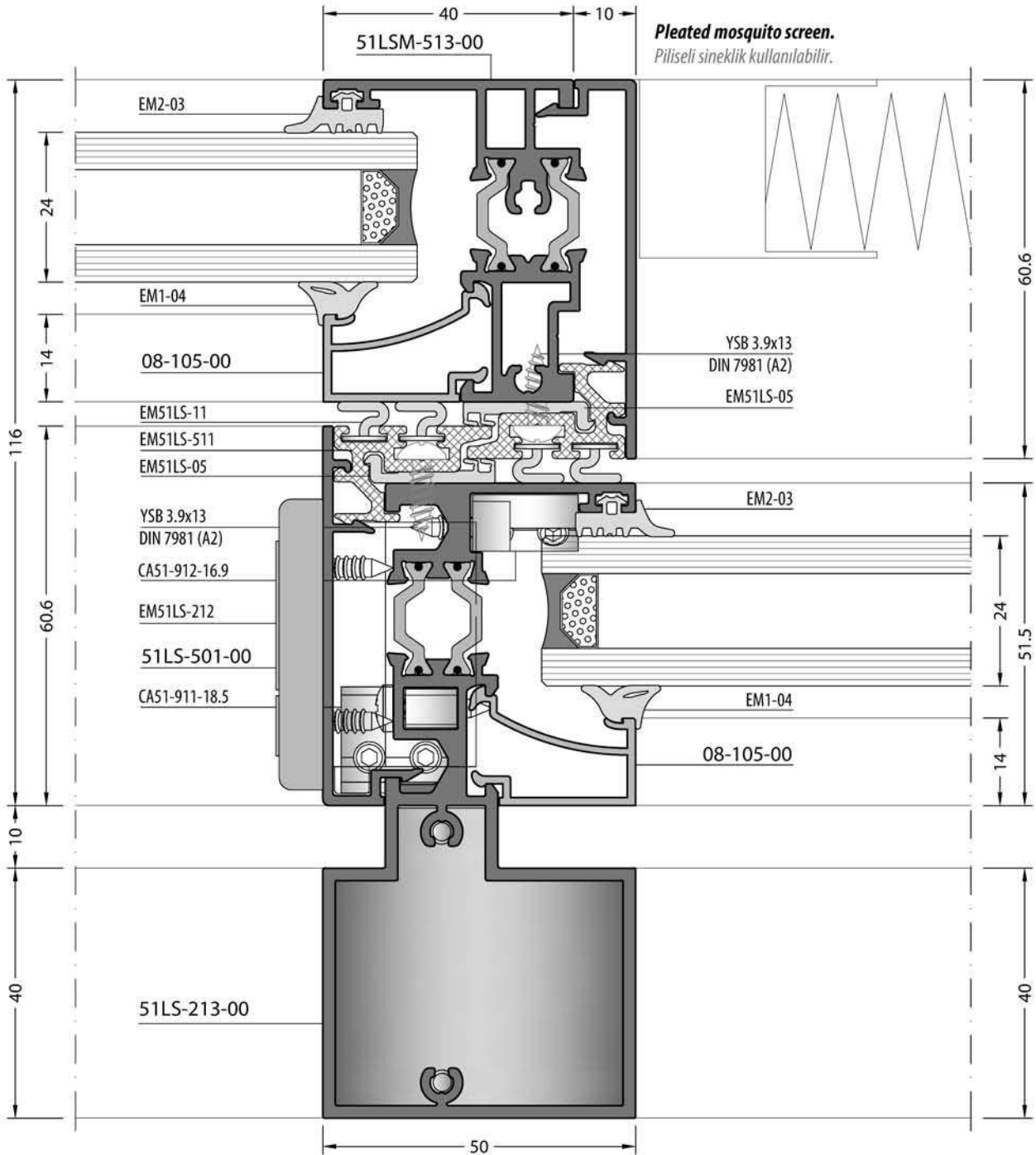
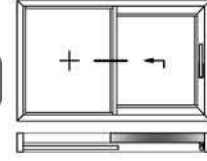
SASH ON INSIDE / KANAT İÇTE

STANDARD CLAMP
STANDART KENET

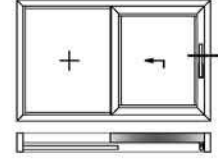
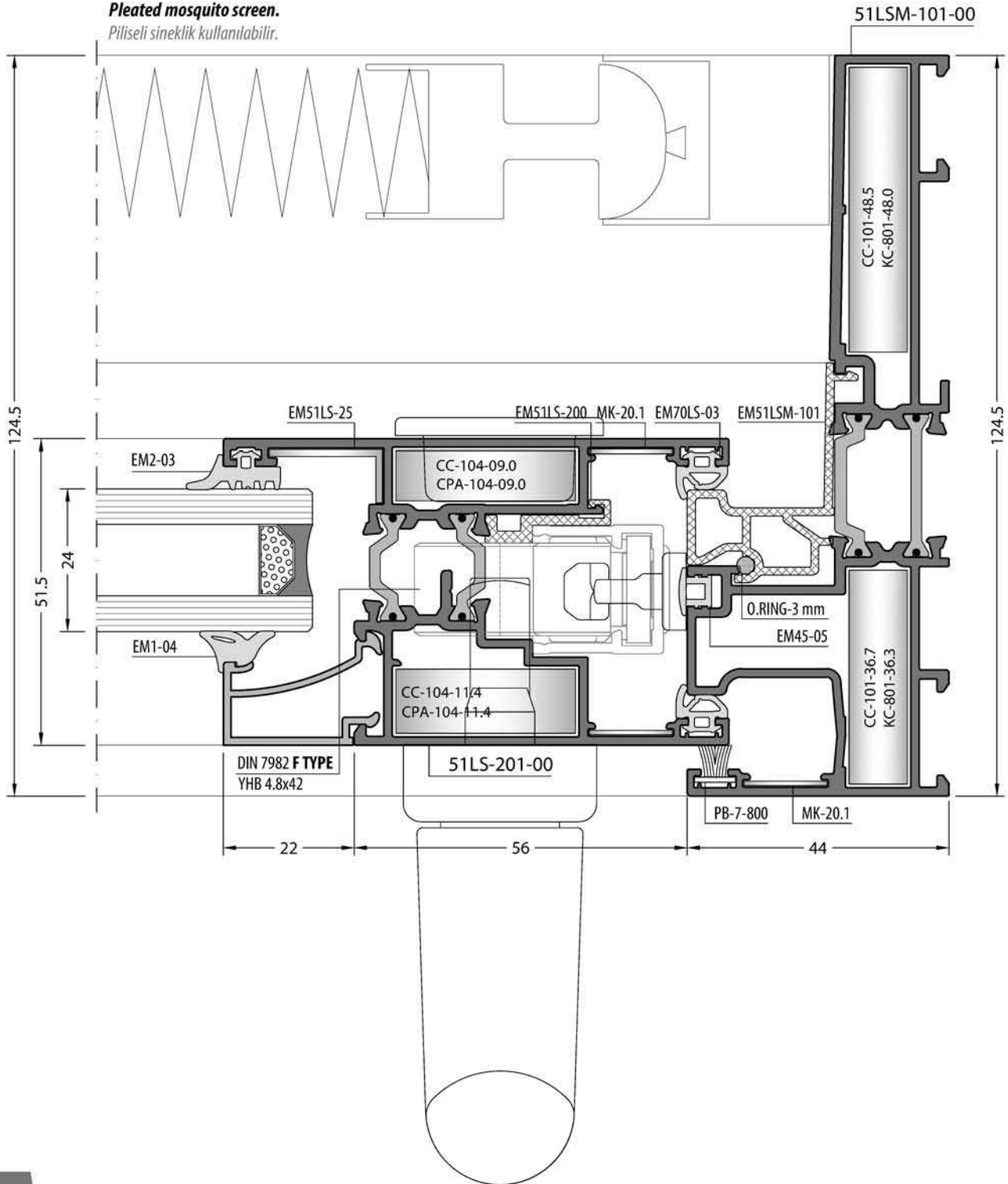
SASH ON INSIDE / KANAT İÇTE

NARROW CLAMP
DAR KENET

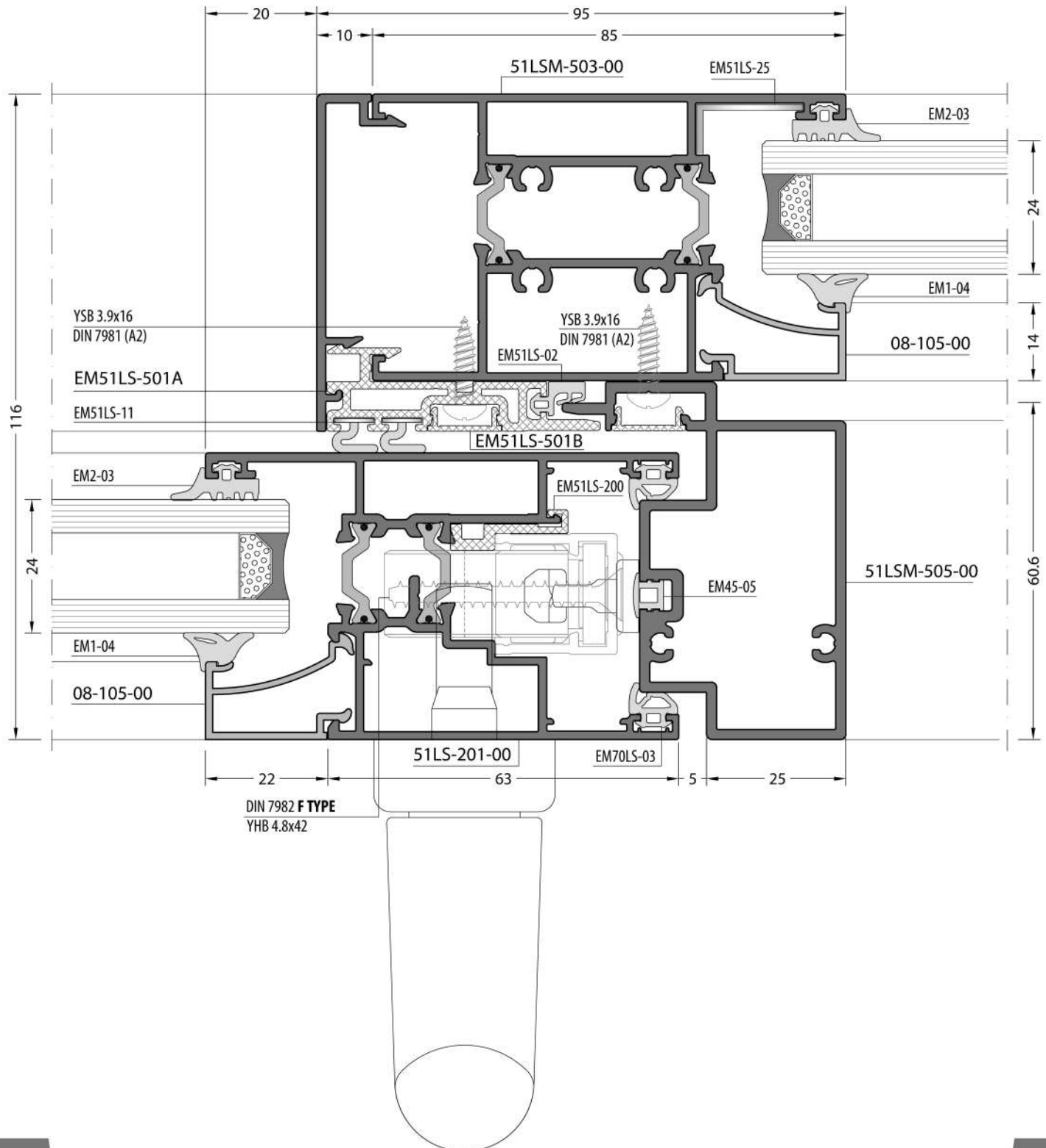
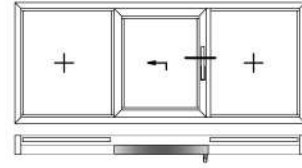
SASH ON INSIDE / KANAT İÇTE

NARROW CLAMP
DAR KENET

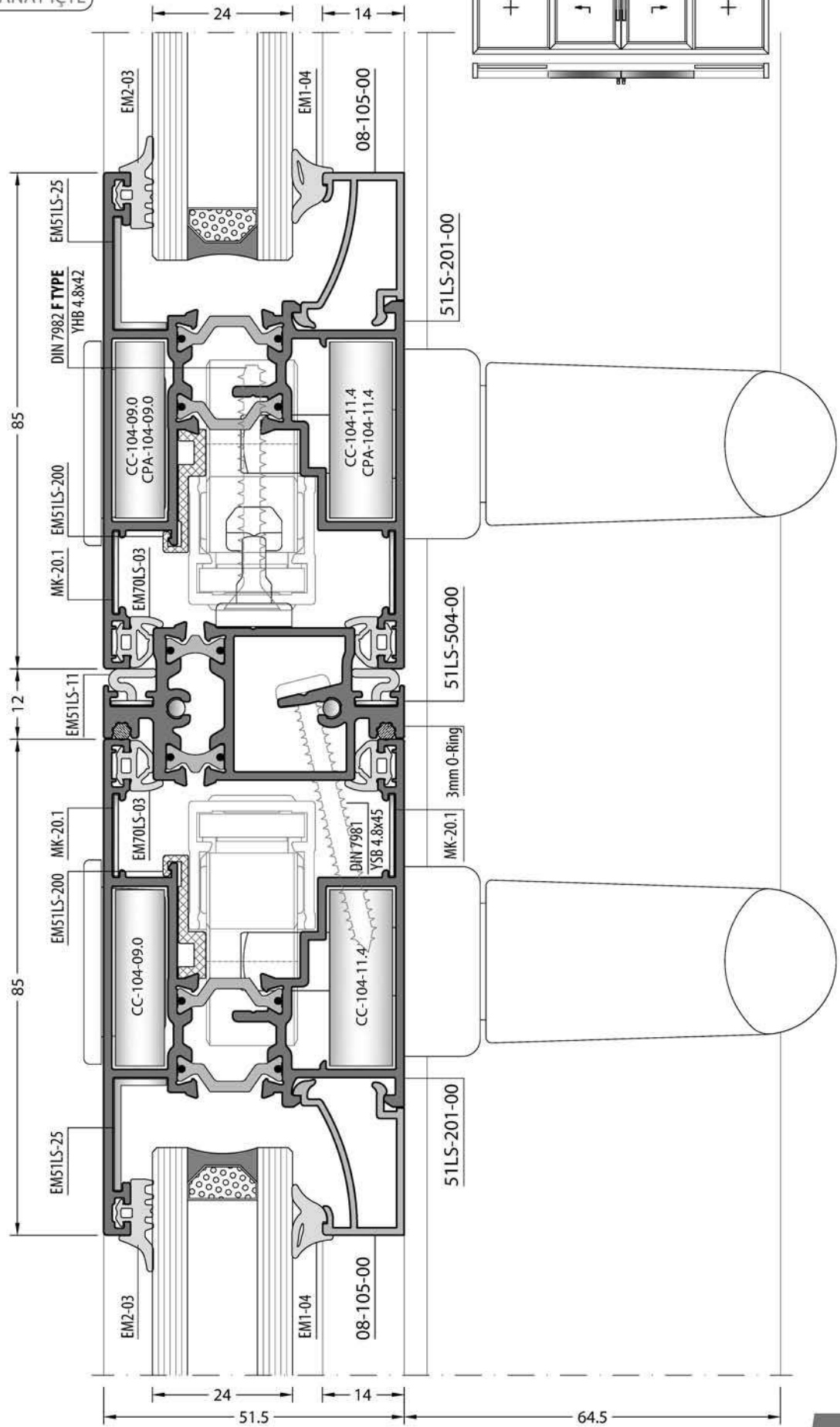
SASH ON INSIDE / KANAT İÇTE

**Pleated mosquito screen.***Pilisel sineklik kullanılabilir.*

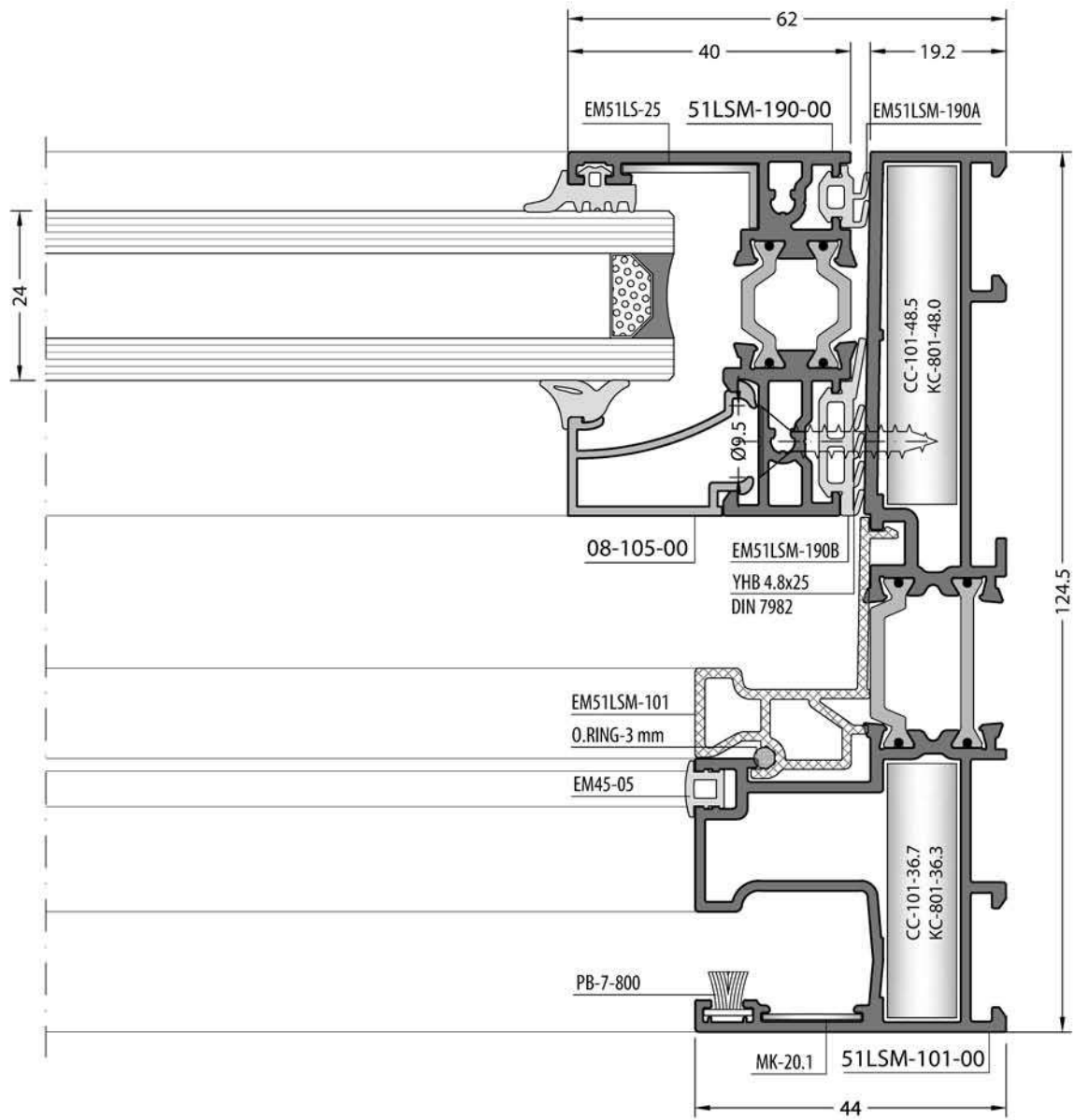
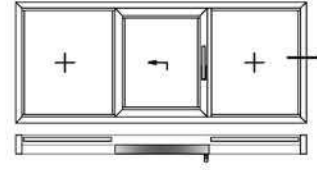
SASH ON INSIDE / KANAT İÇTE



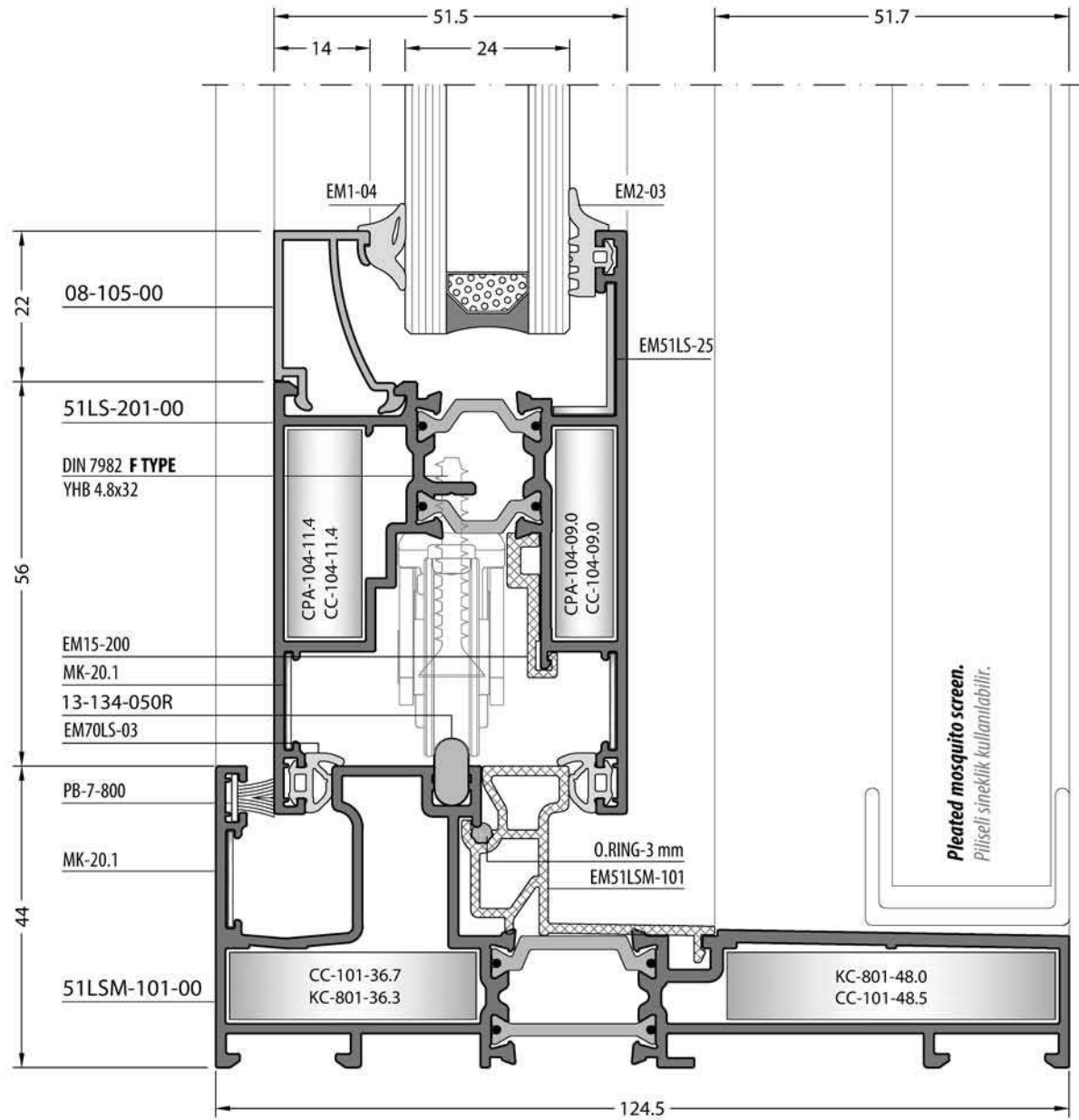
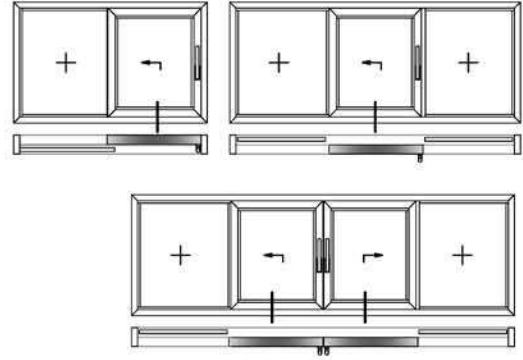
SASH ON INSIDE / KANAT İÇTE

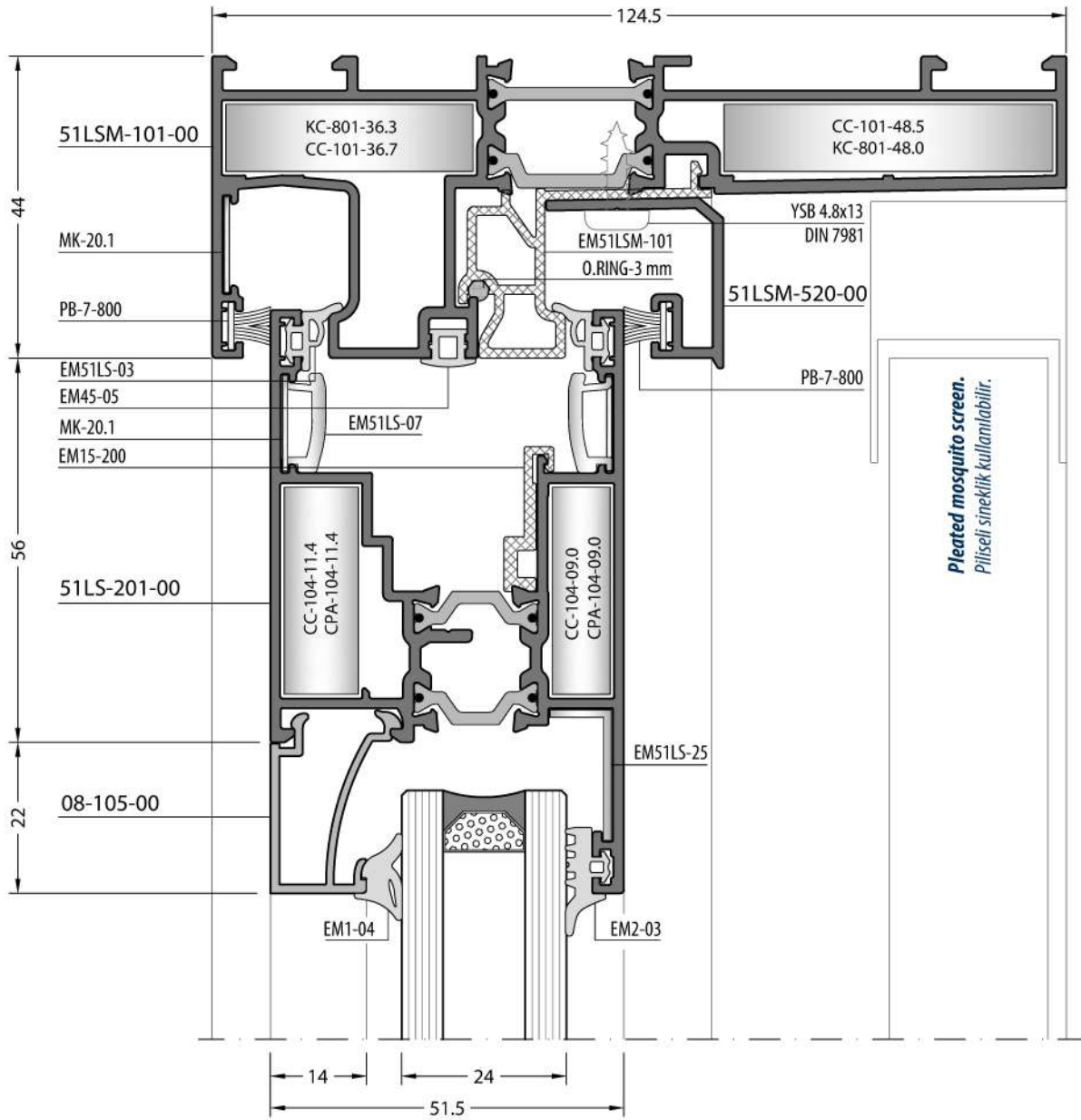
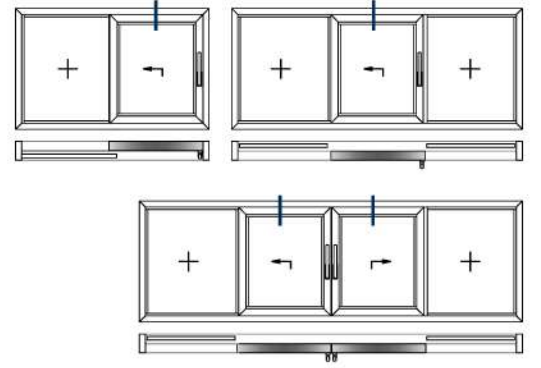


SASH ON INSIDE / KANAT İÇTE

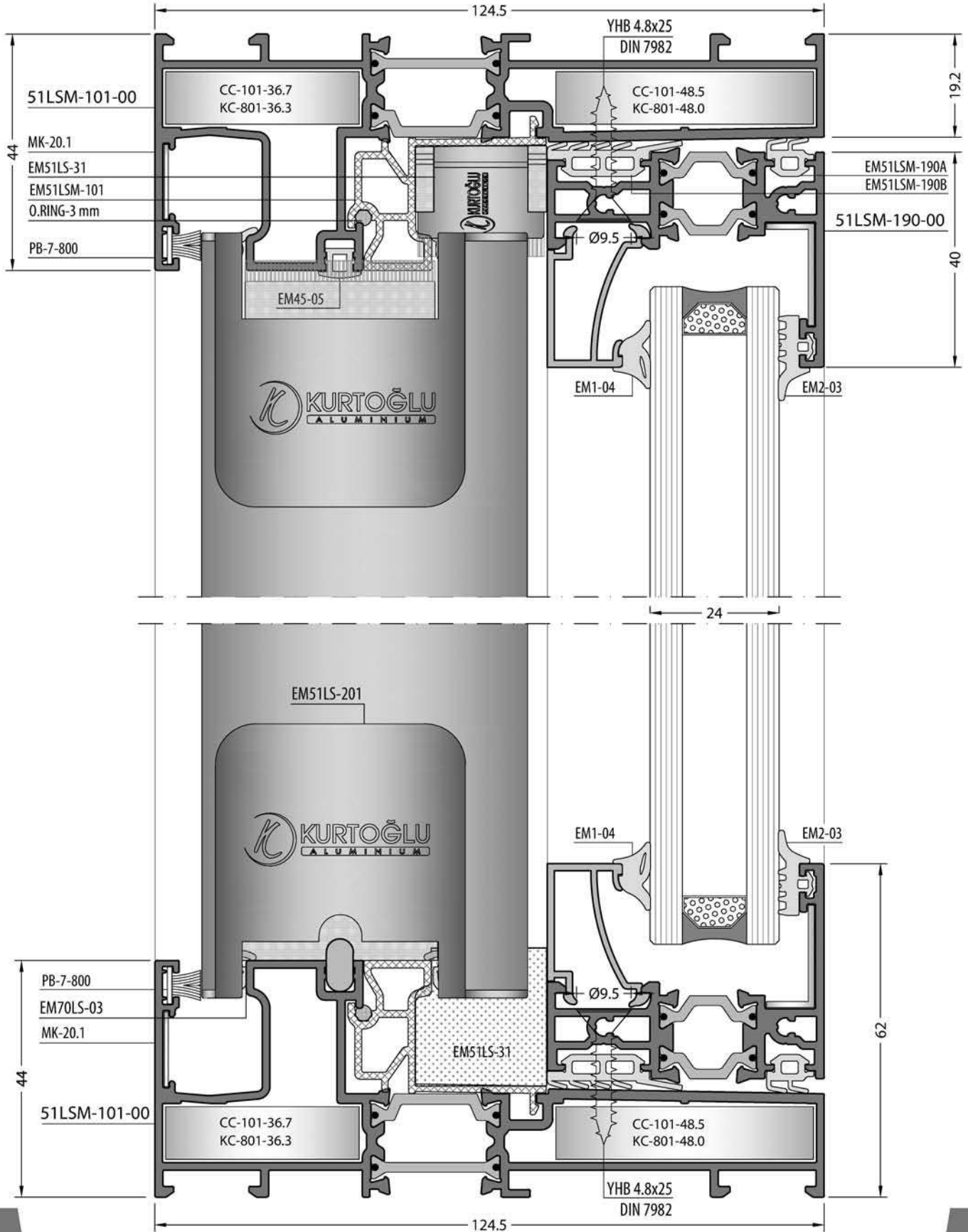
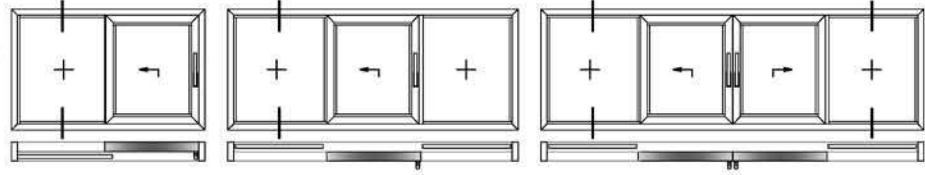


SASH ON INSIDE / KANAT İÇTE

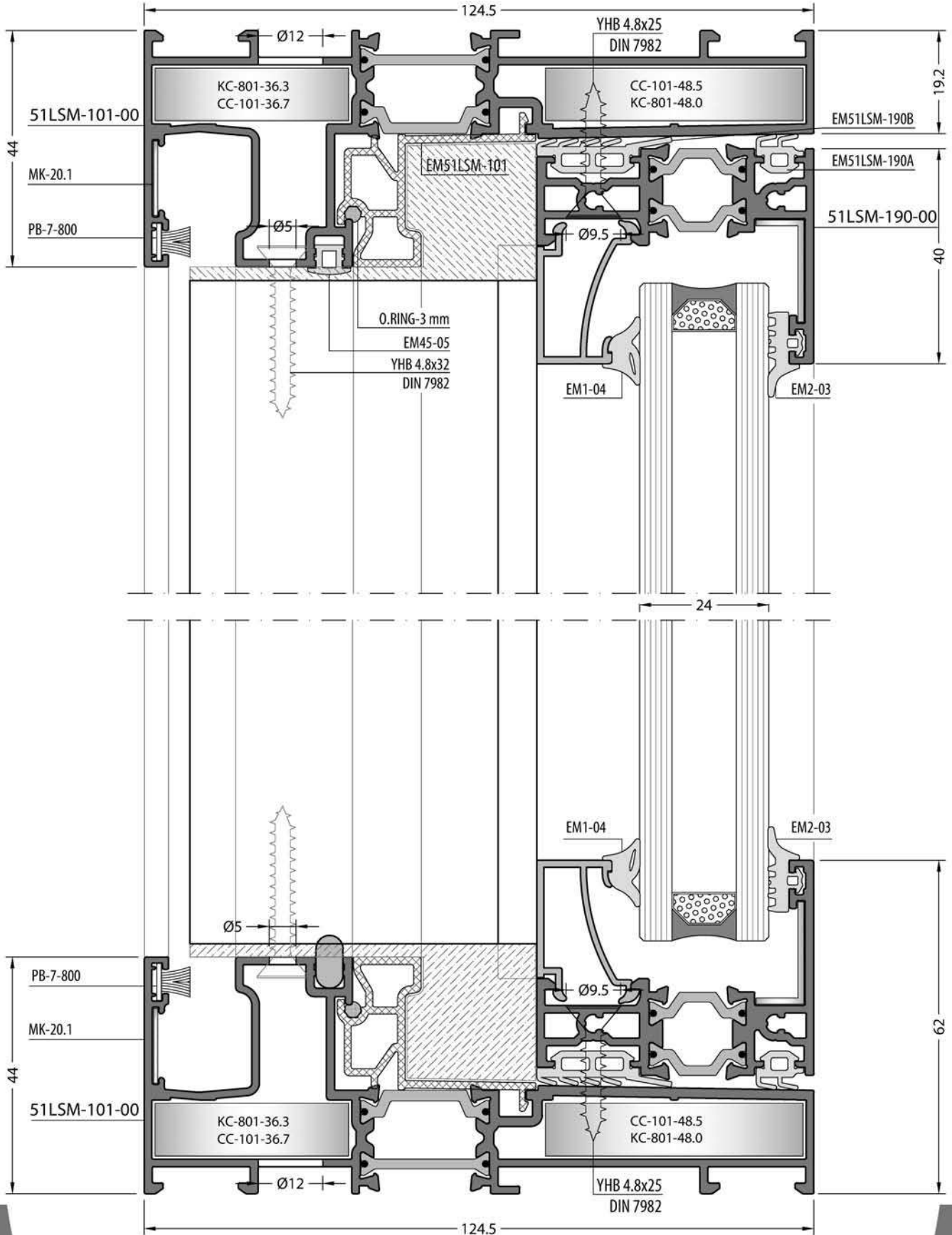
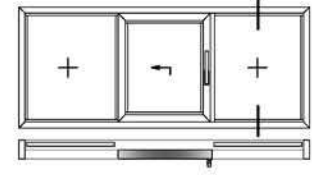




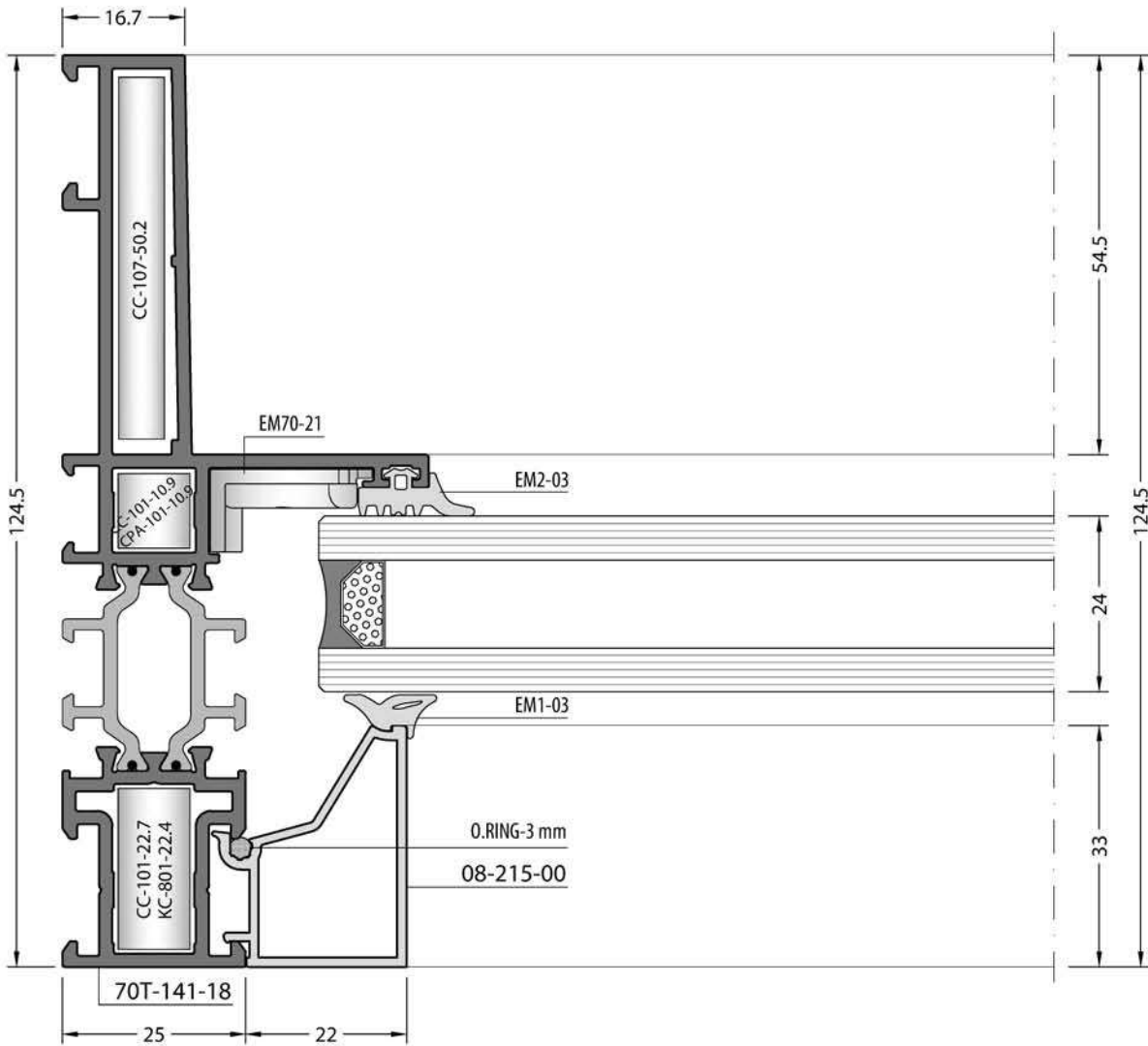
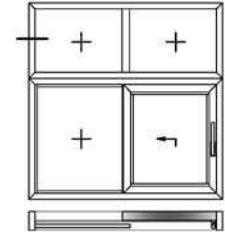
SASH ON INSIDE / KANAT İÇTE



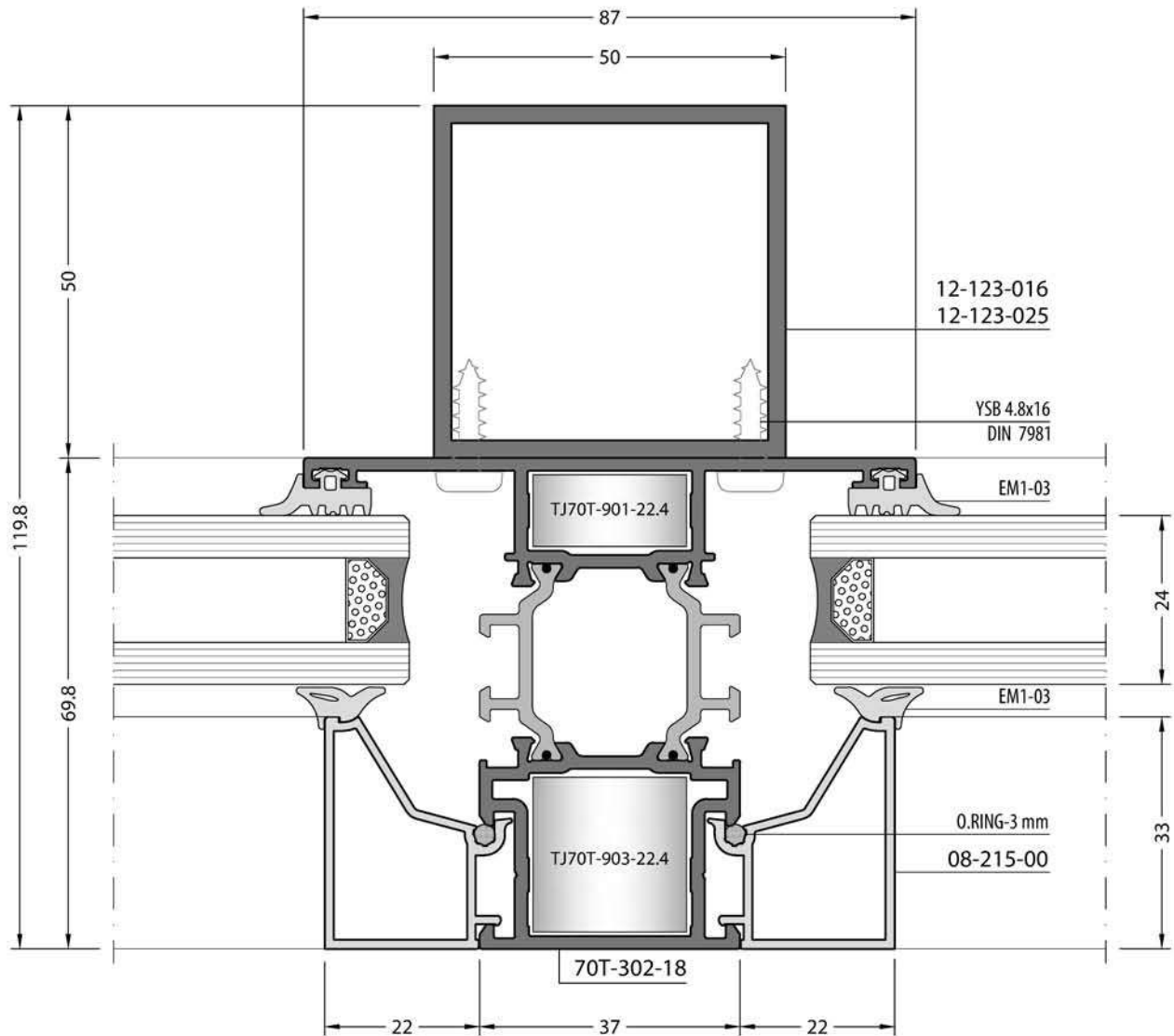
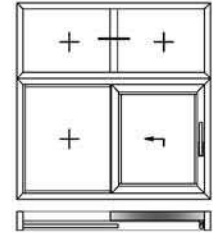
SASH ON INSIDE / KANAT İÇTE



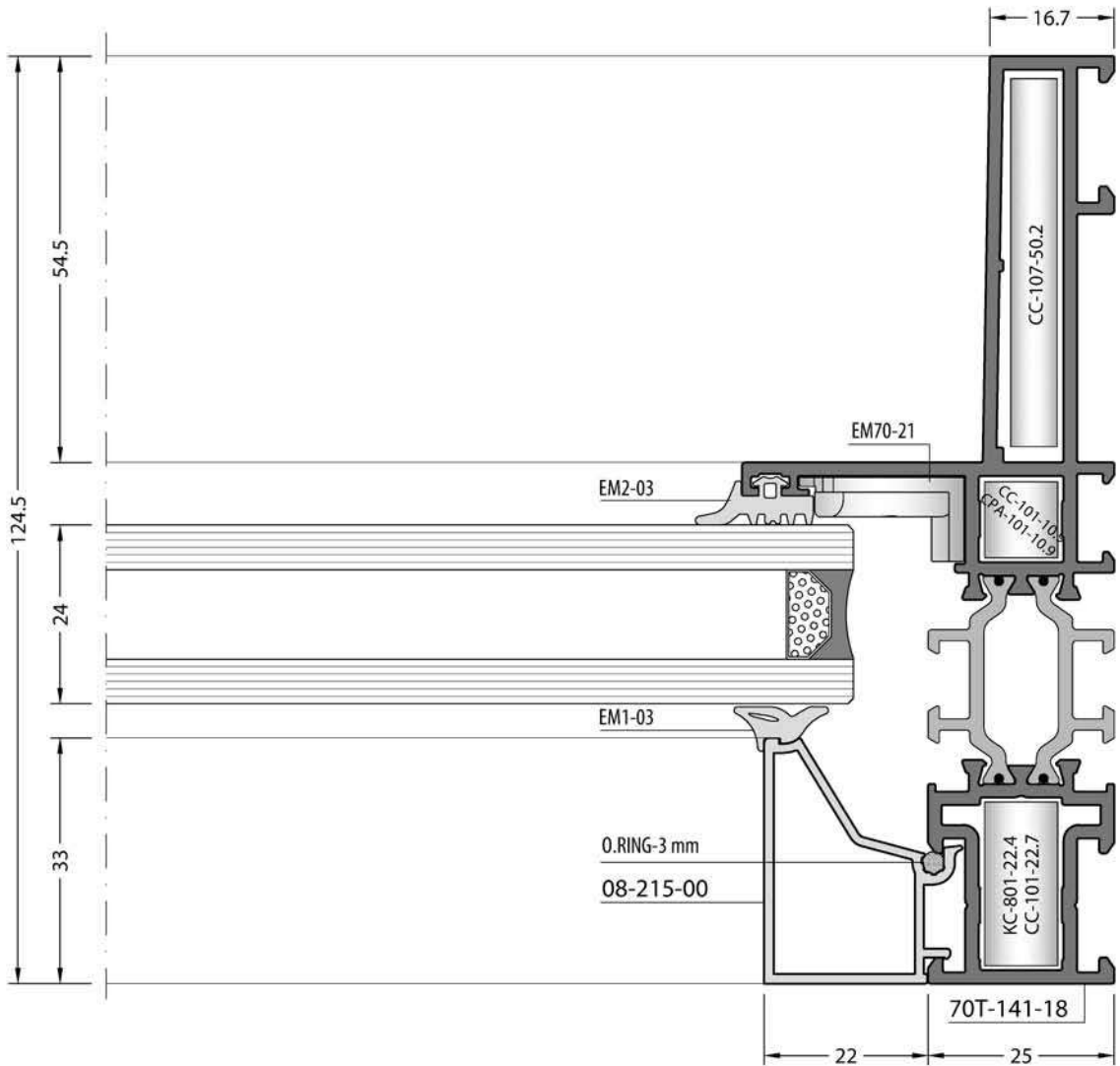
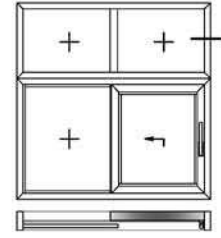
SASH ON INSIDE / KANAT İÇTE



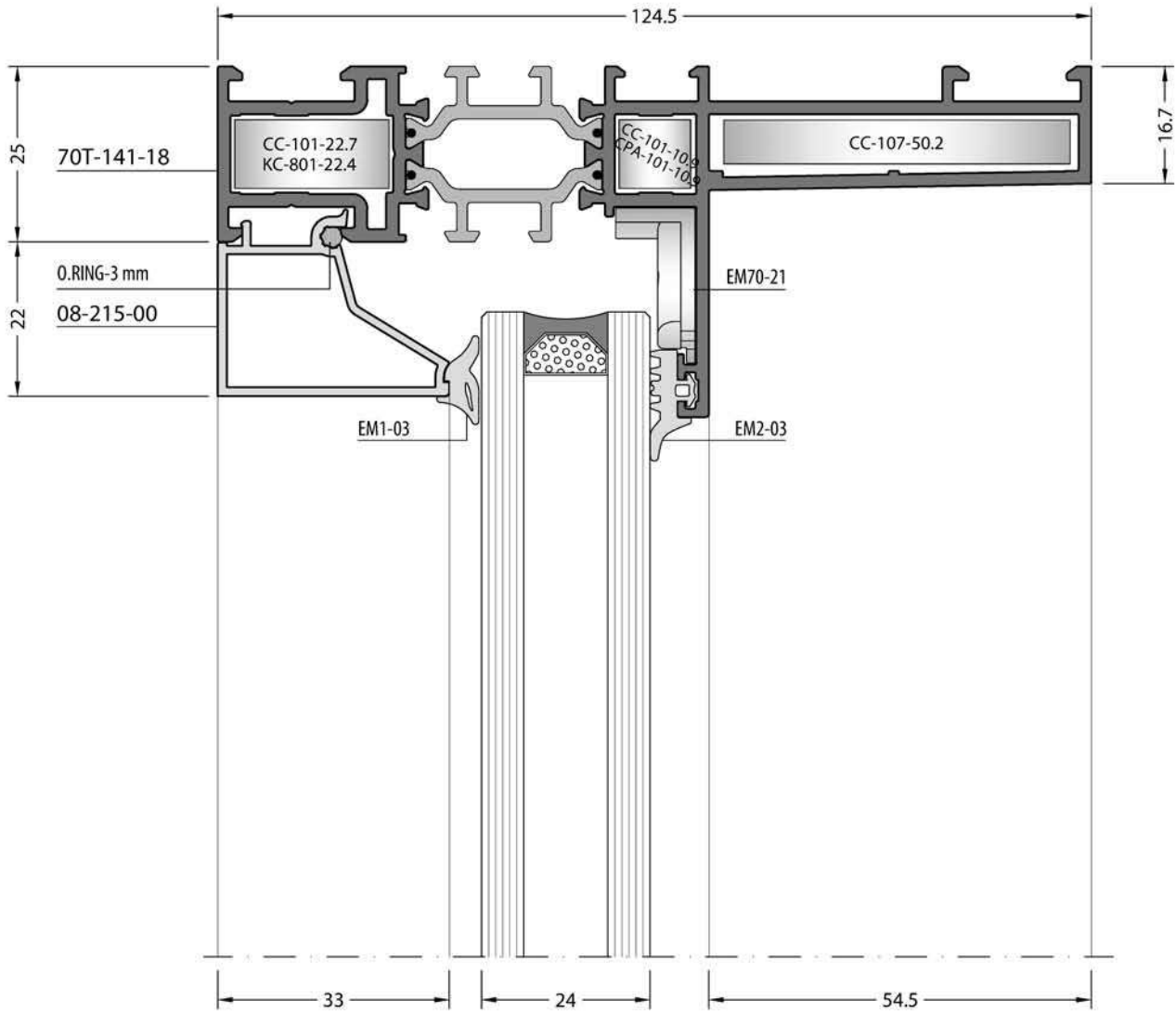
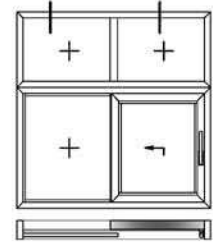
SASH ON INSIDE / KANAT İÇTE



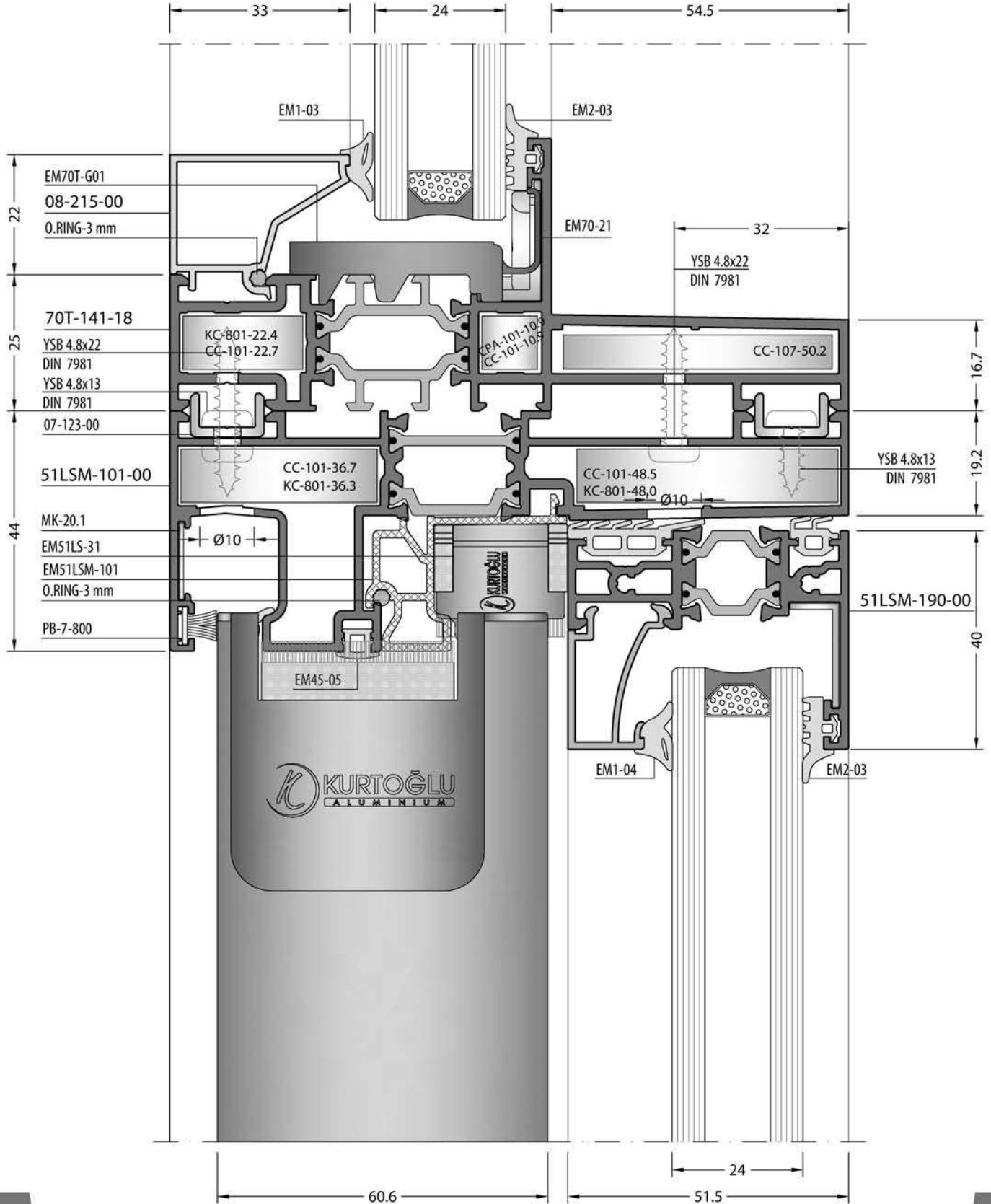
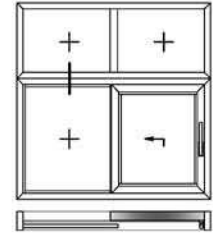
SASH ON INSIDE / KANAT İÇTE



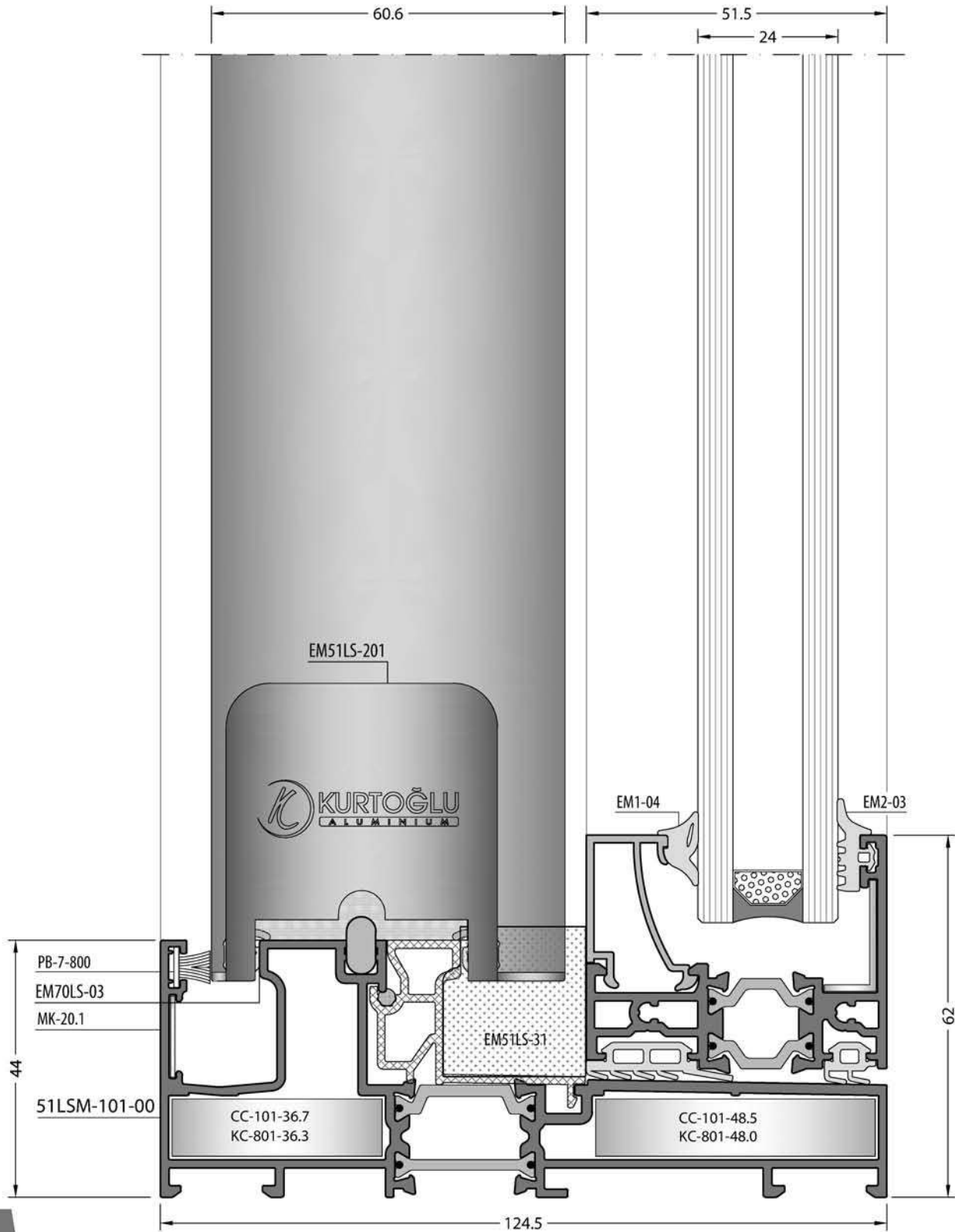
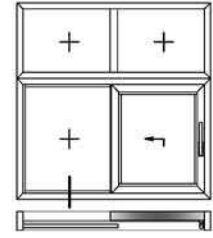
SASH ON INSIDE / KANAT İÇTE



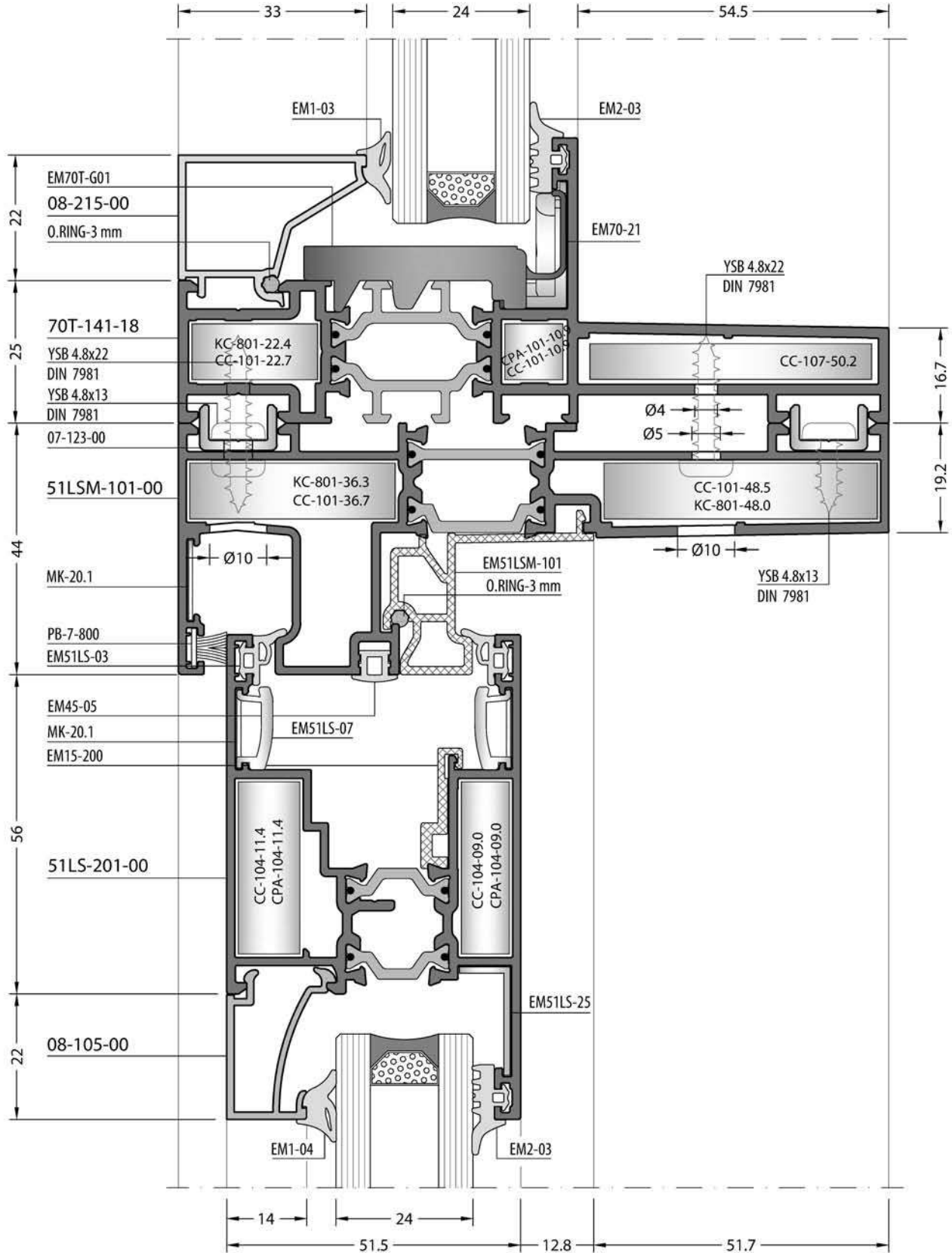
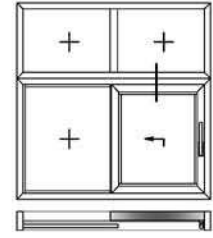
SASH ON INSIDE / KANAT İÇTE



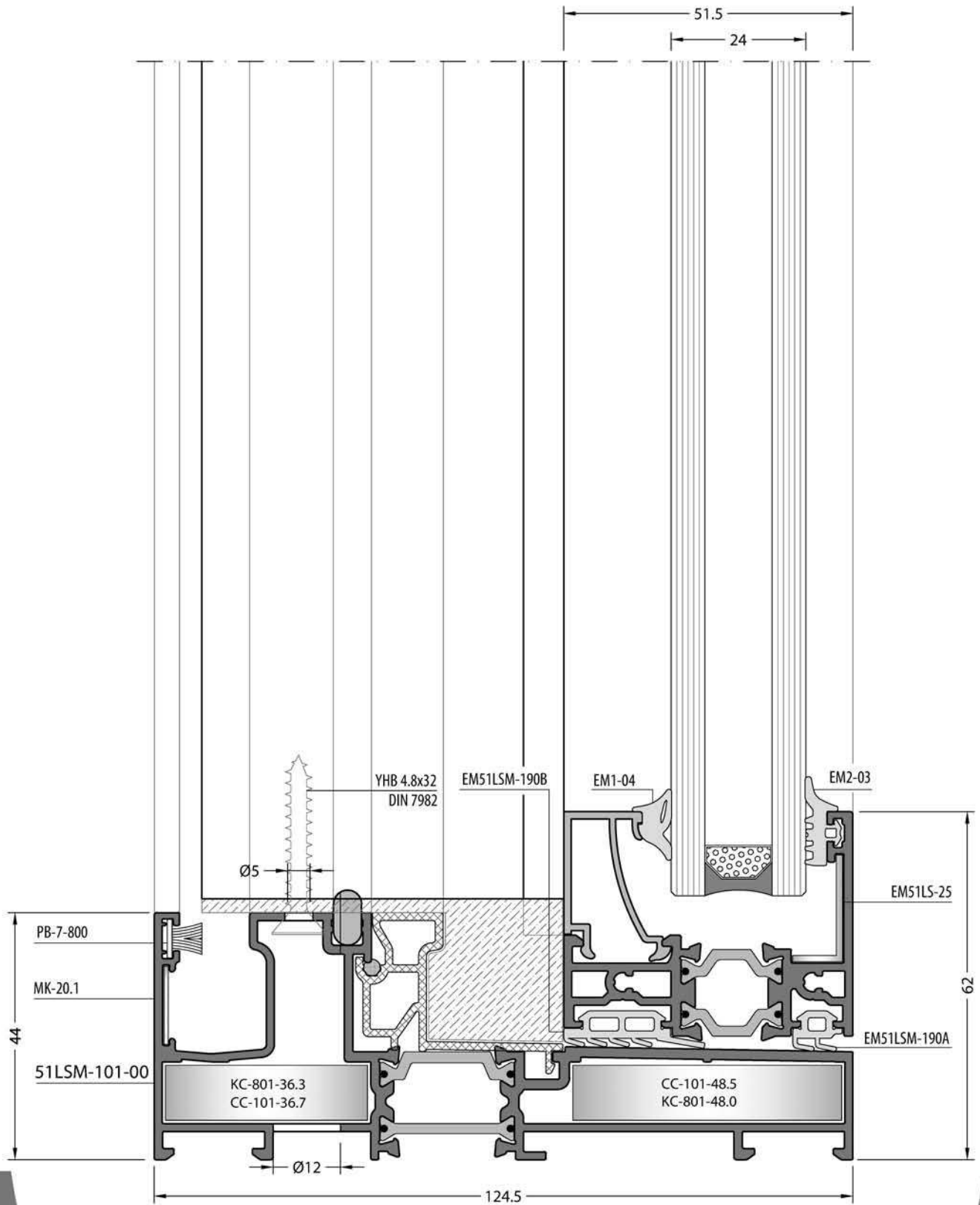
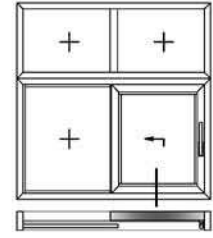
SASH ON INSIDE / KANAT İÇTE



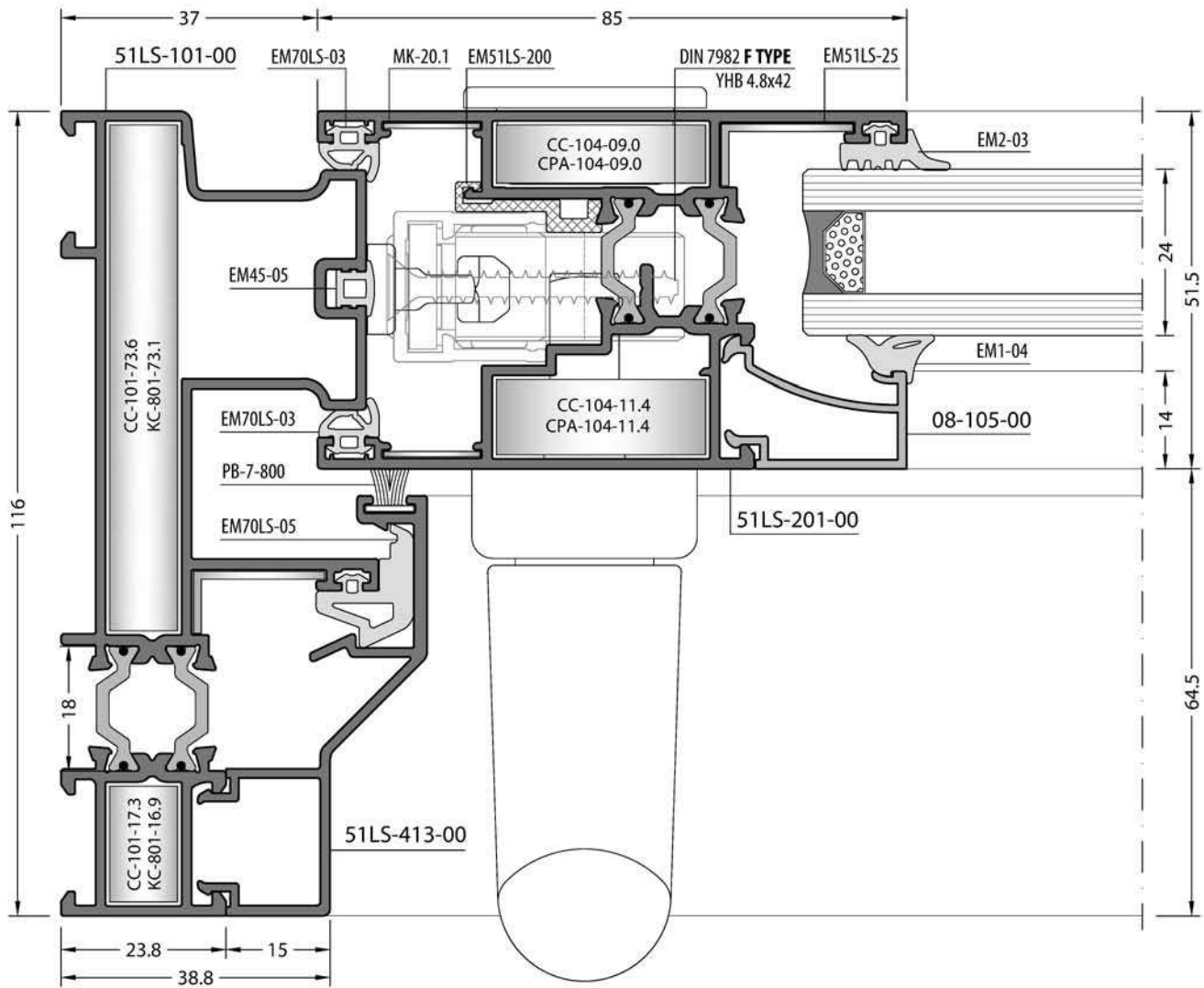
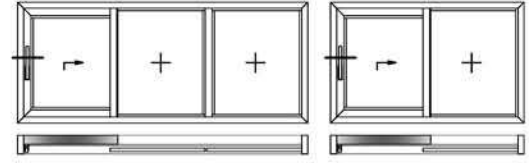
SASH ON INSIDE / KANAT İÇTE



SASH ON INSIDE / KANAT İÇTE

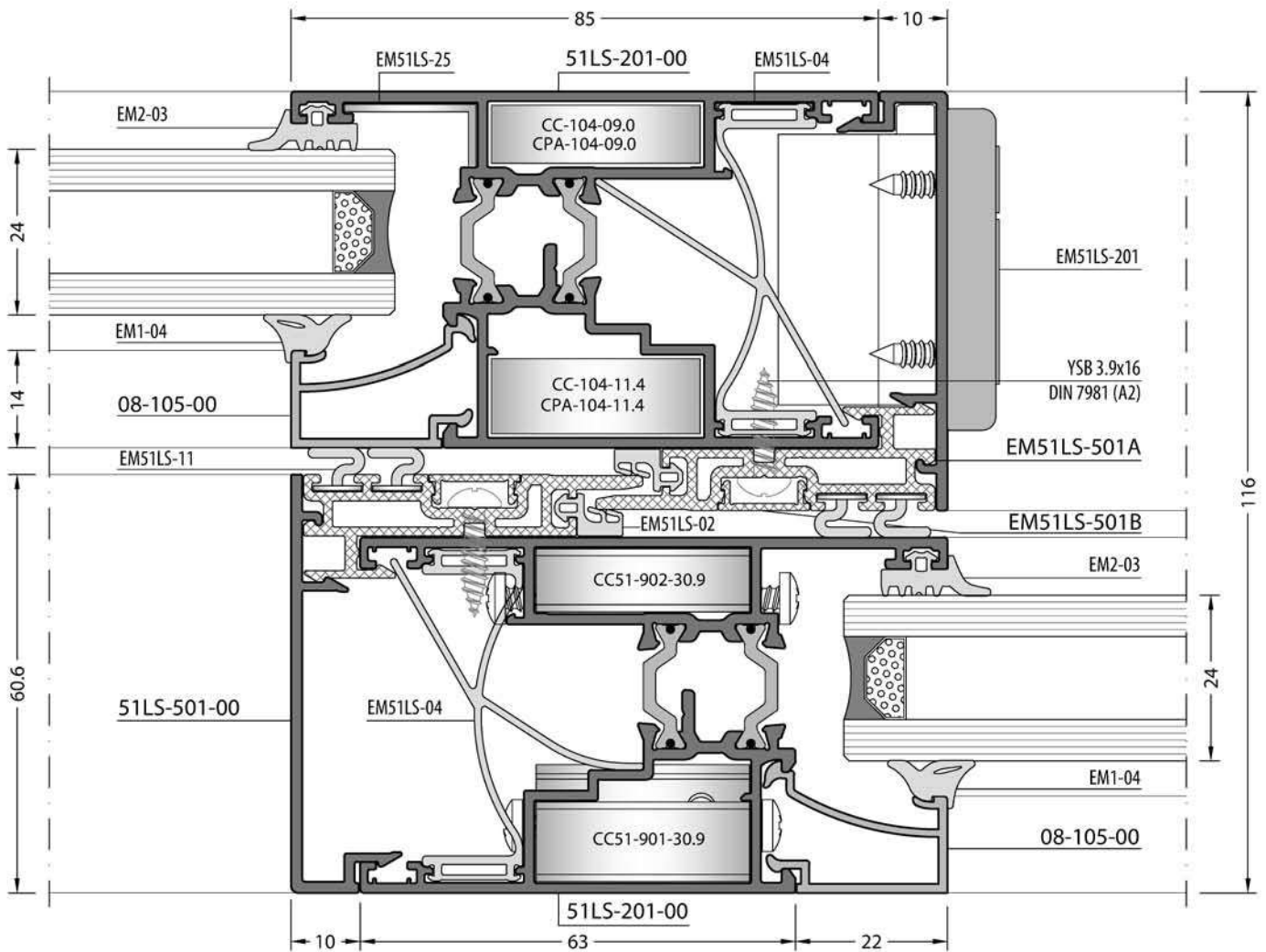
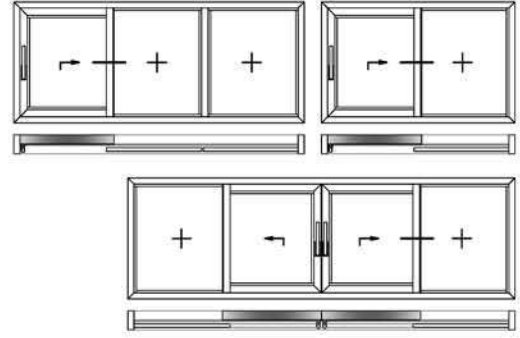


SASH ON OUTSIDE / KANAT DIŞTA

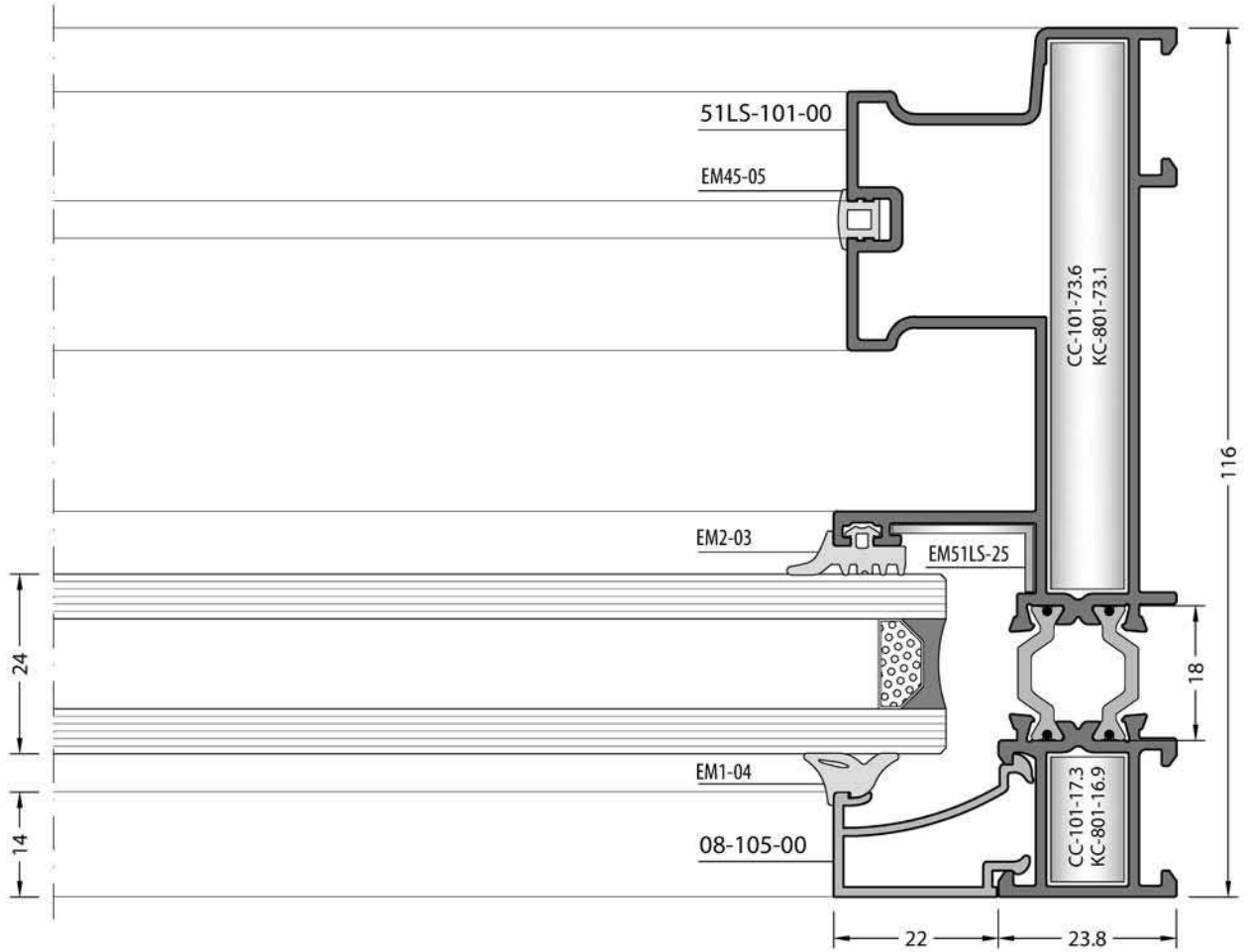
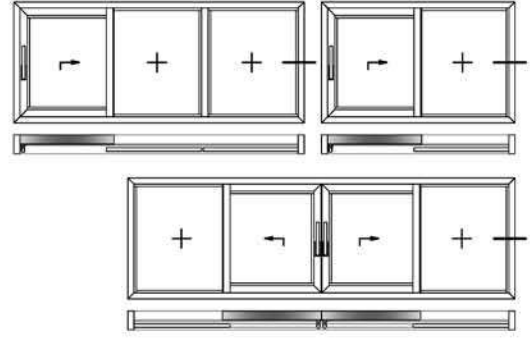


SASH ON OUTSIDE / KANAT DIŞTA

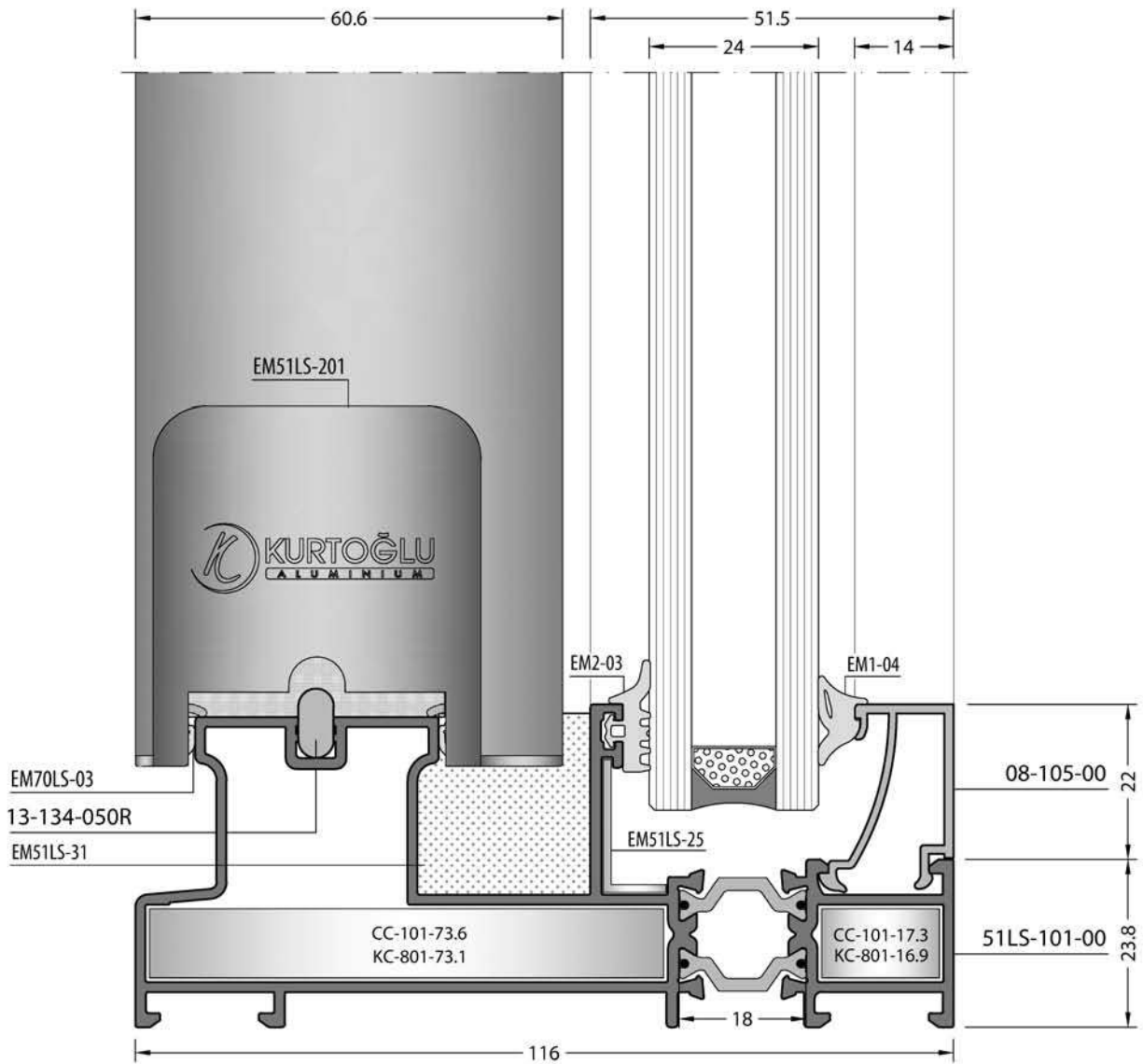
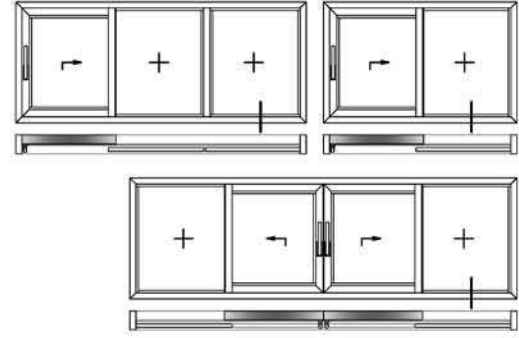
STANDARD CLAMP
STANDART KENET



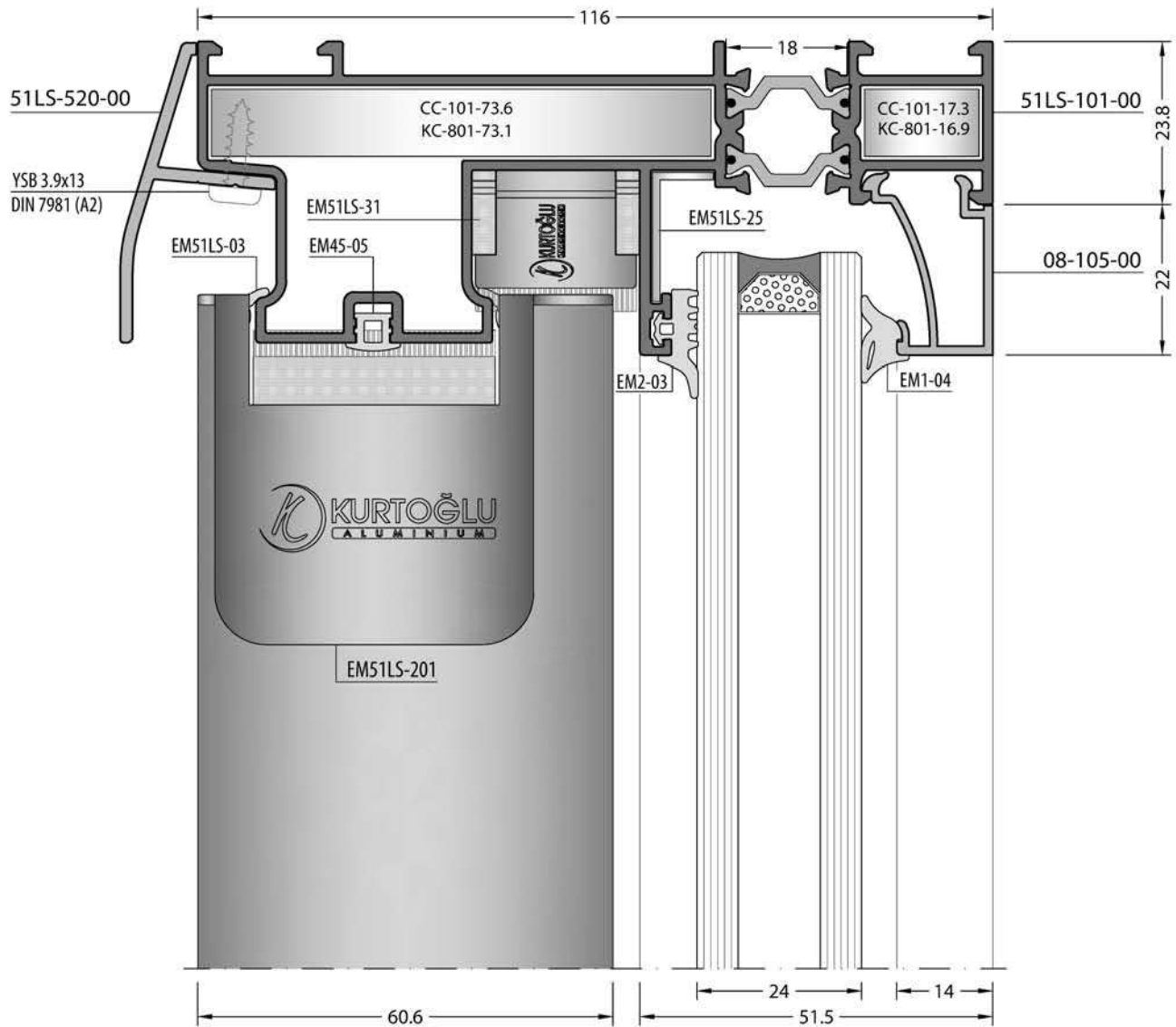
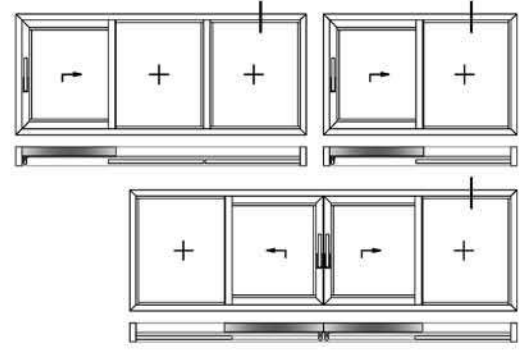
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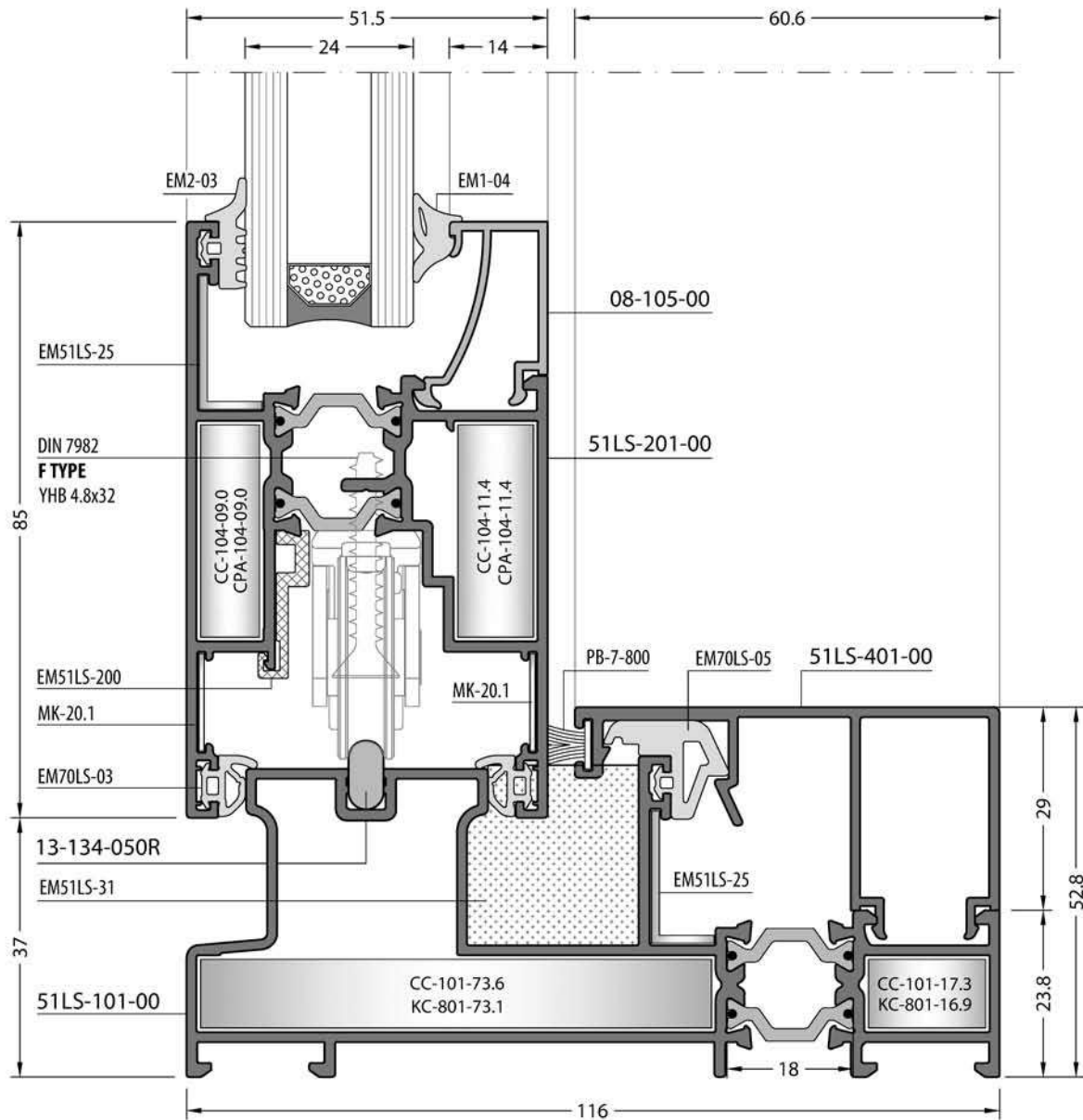
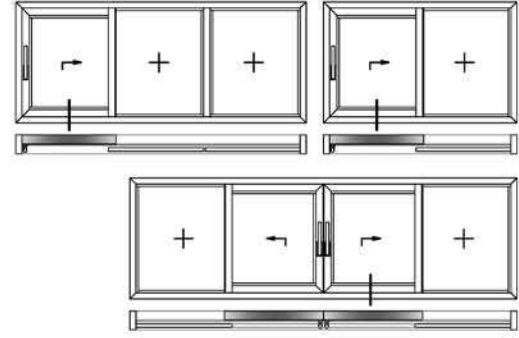
SASH ON OUTSIDE / KANAT DIŞTA



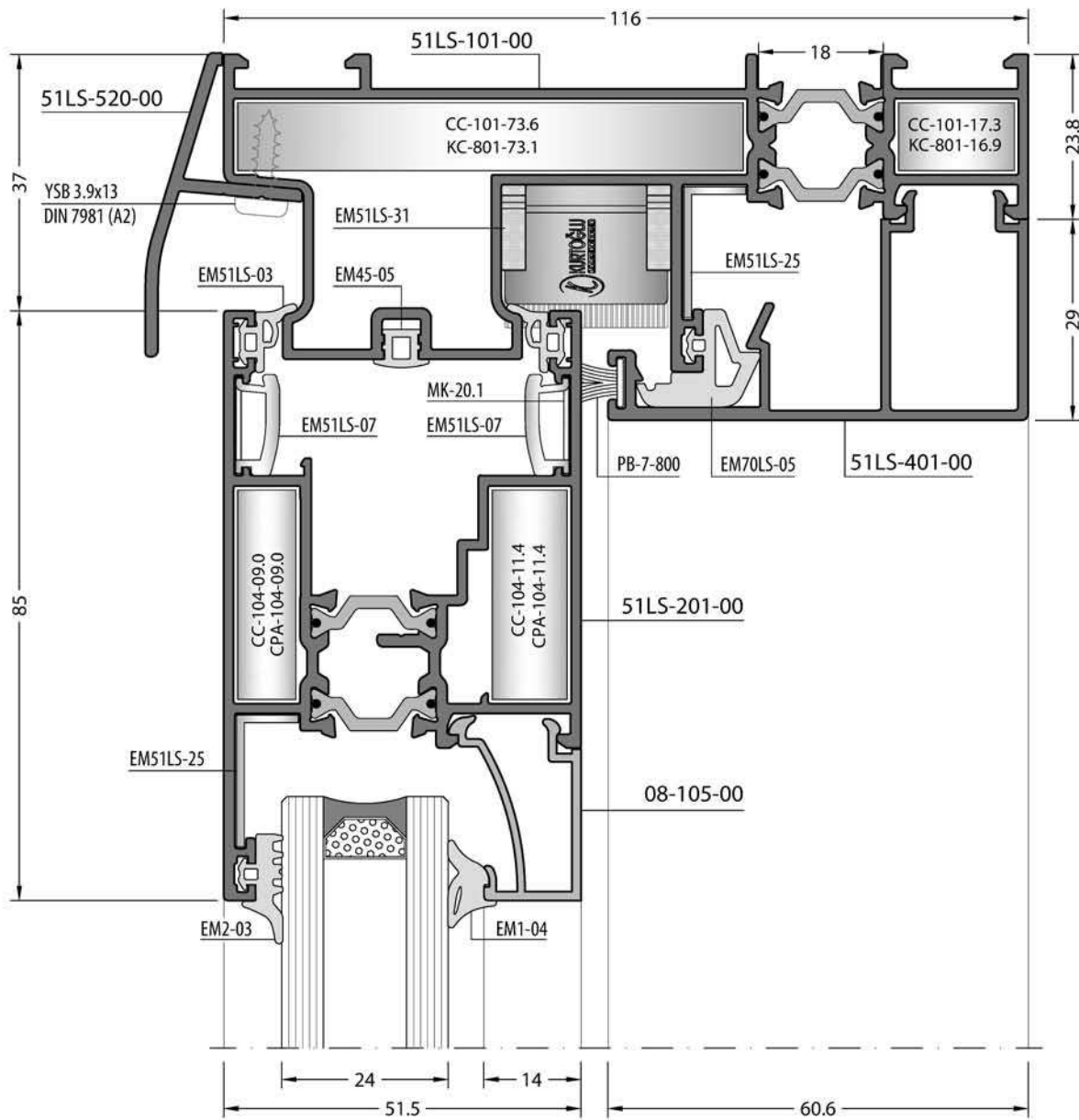
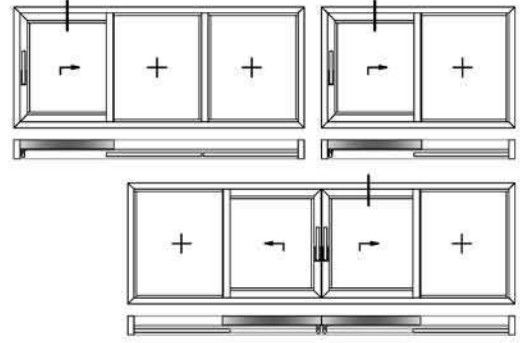
SASH ON OUTSIDE / KANAT DIŞTA



SASH ON OUTSIDE / KANAT DIŞTA

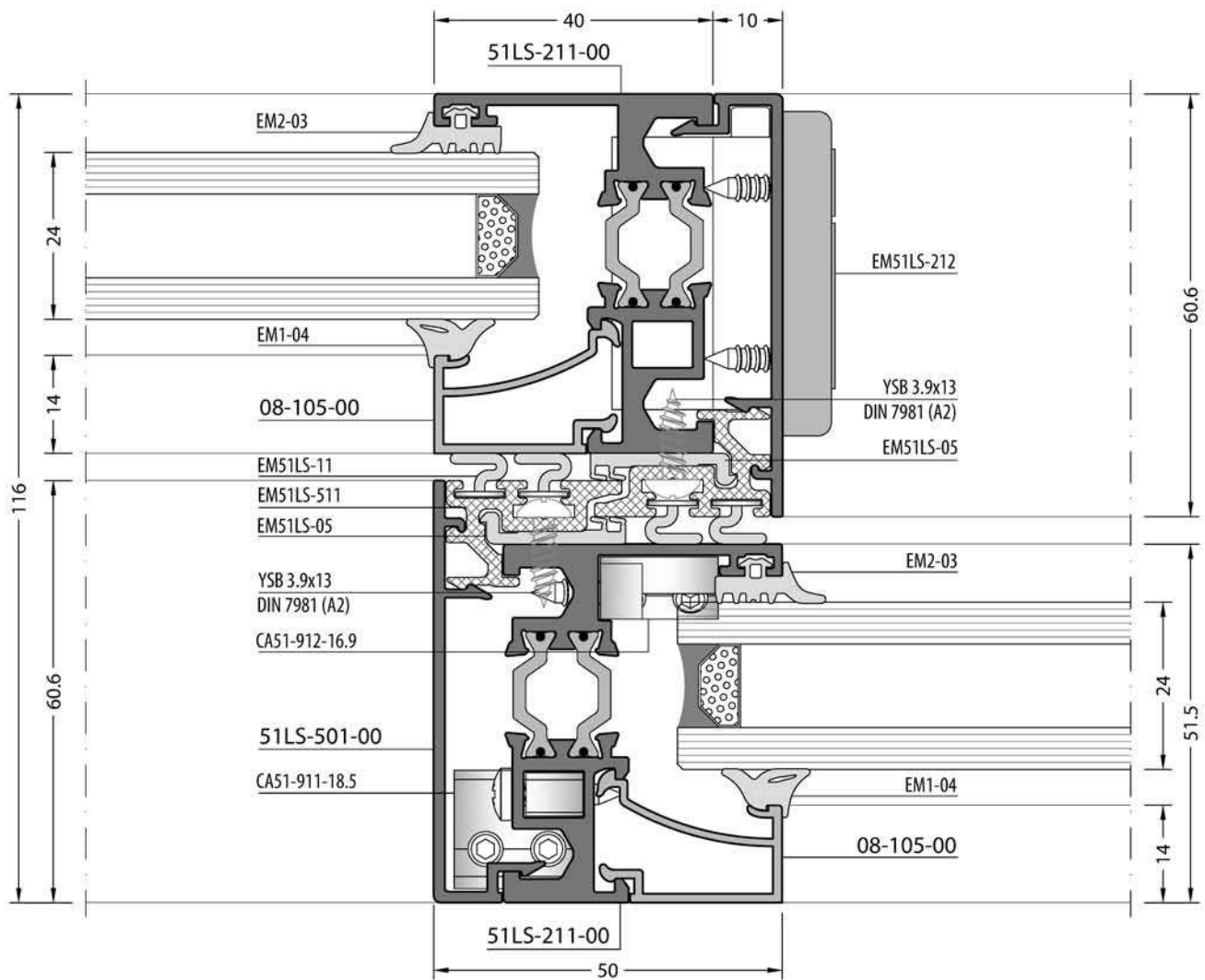
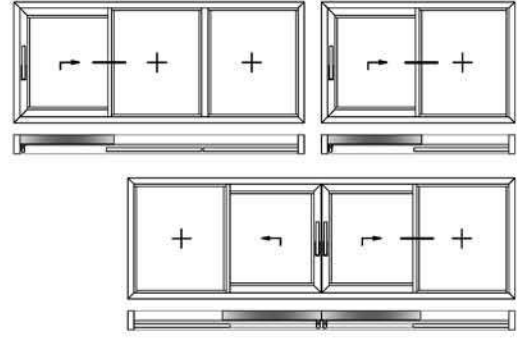


SASH ON OUTSIDE / KANAT DIŞTA



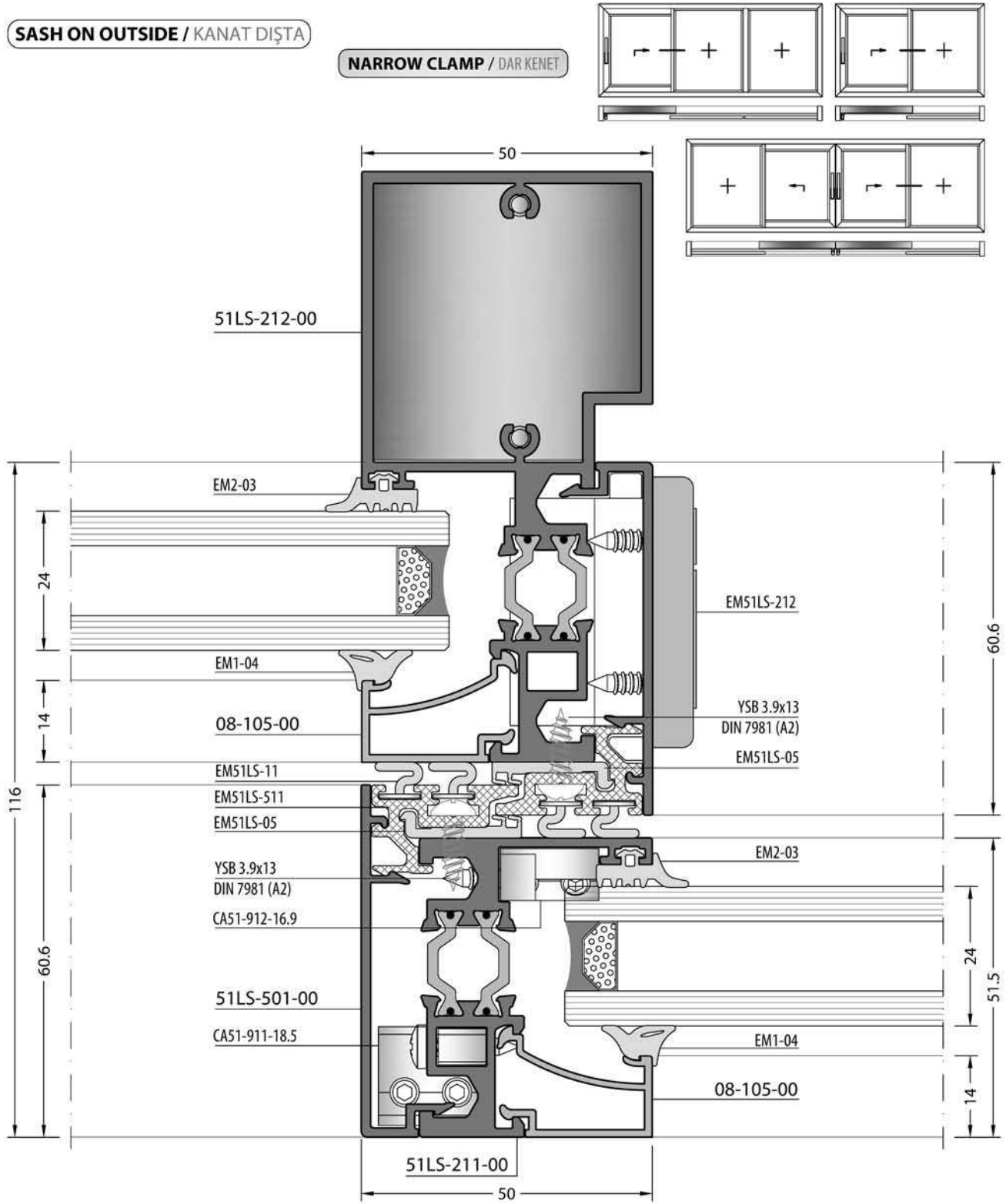
SASH ON OUTSIDE / KANAT DIŞTA

NARROW CLAMP / DAR KENET



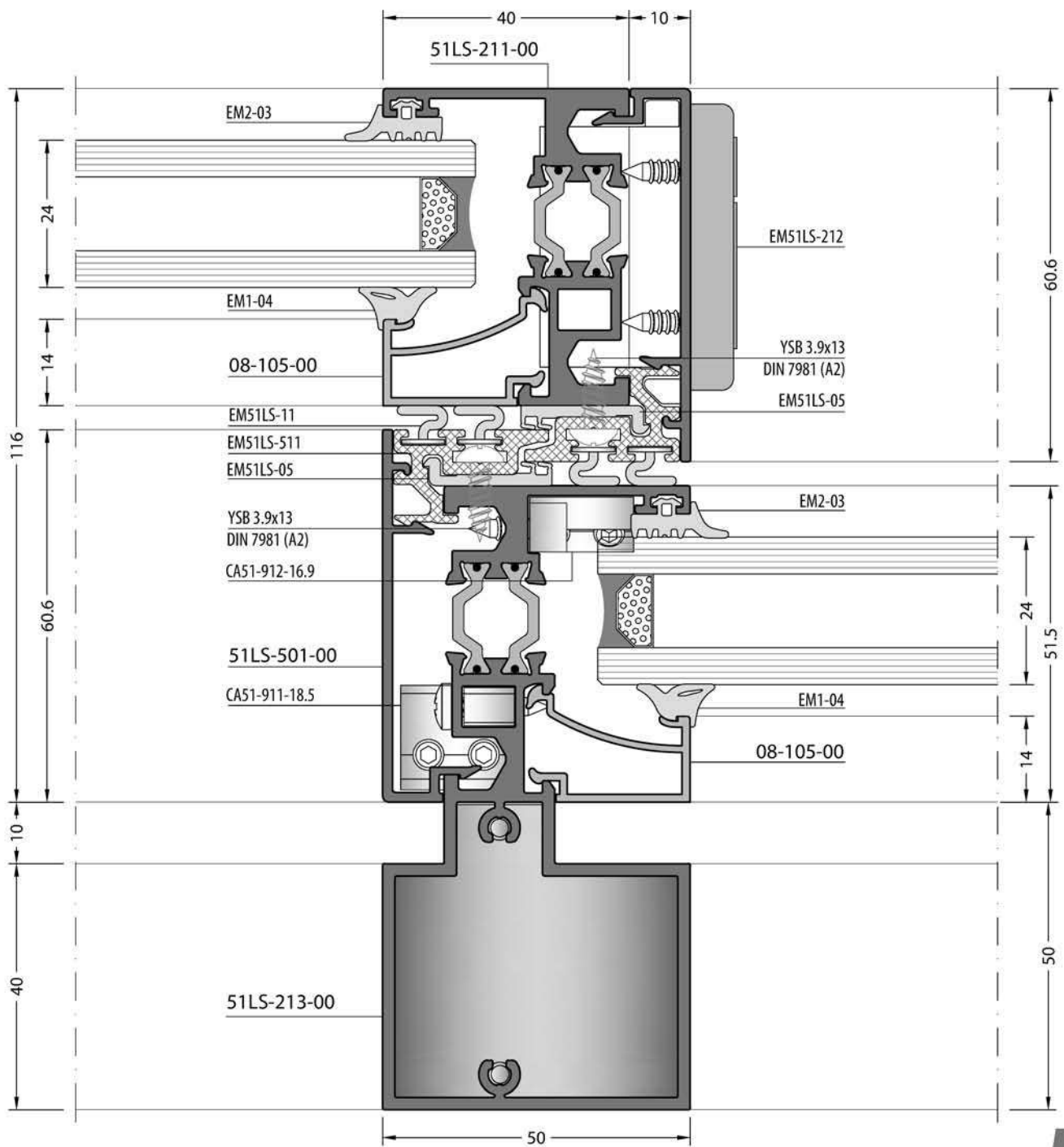
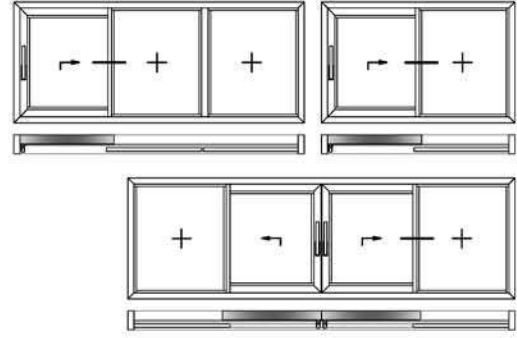
SASH ON OUTSIDE / KANAT DIŞTA

NARROW CLAMP / DAR KENET



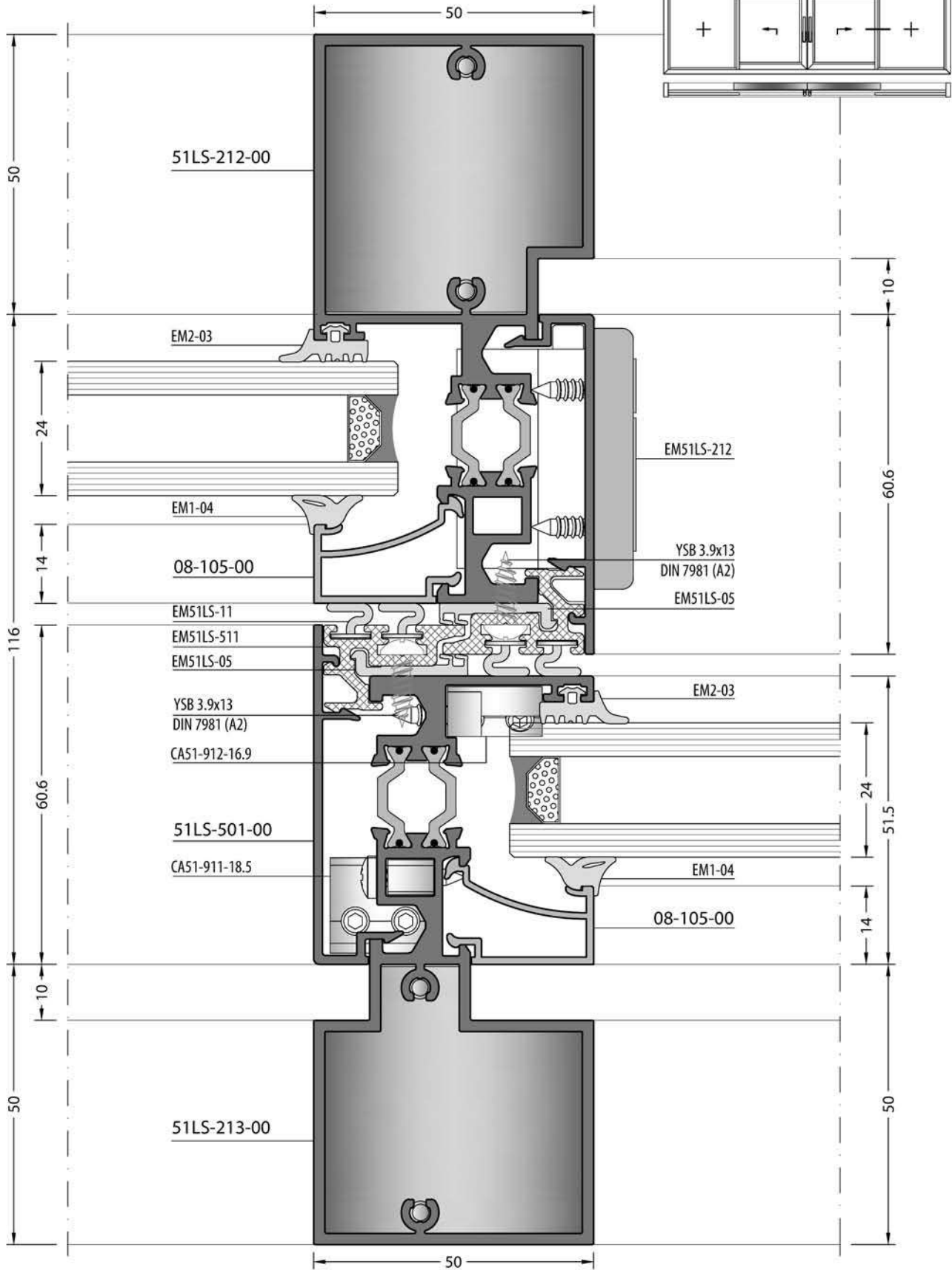
SASH ON OUTSIDE / KANAT DIŞTA

NARROW CLAMP / DAR KENET



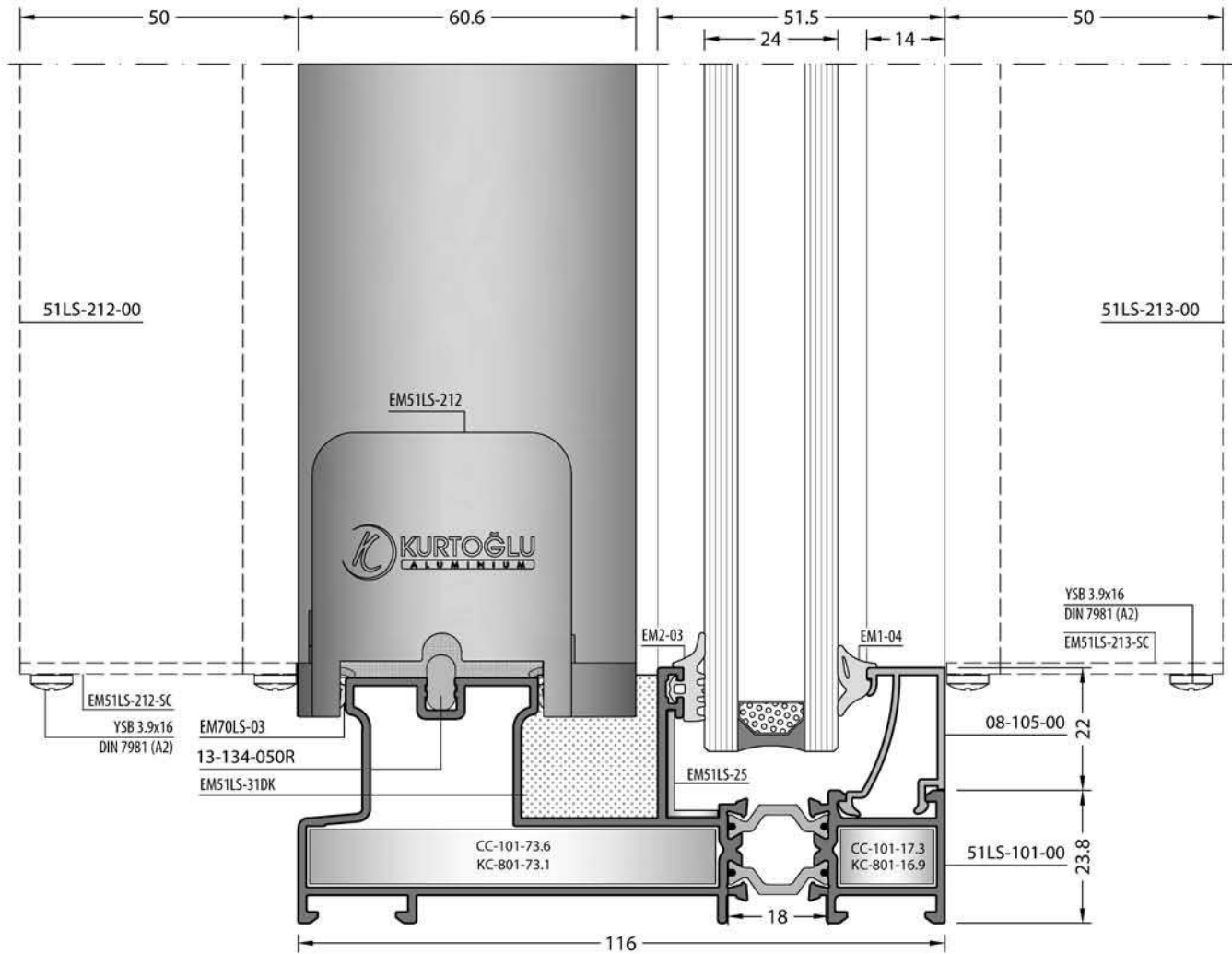
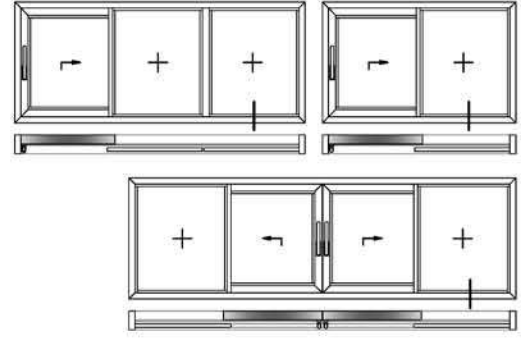
SASH ON OUTSIDE / KANAT DIŞTA

NARROW CLAMP / DAR KENET



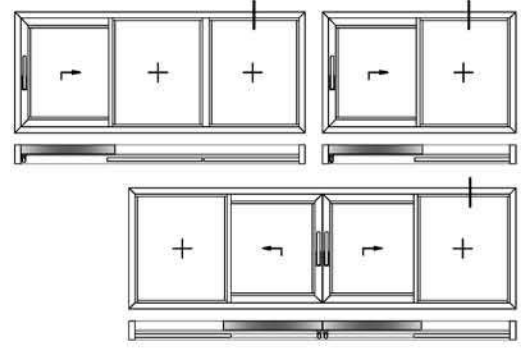
SASH ON OUTSIDE / KANAT DIŞTA

NARROW CLAMP / DAR KENET



SASH ON OUTSIDE / KANAT DIŞTA

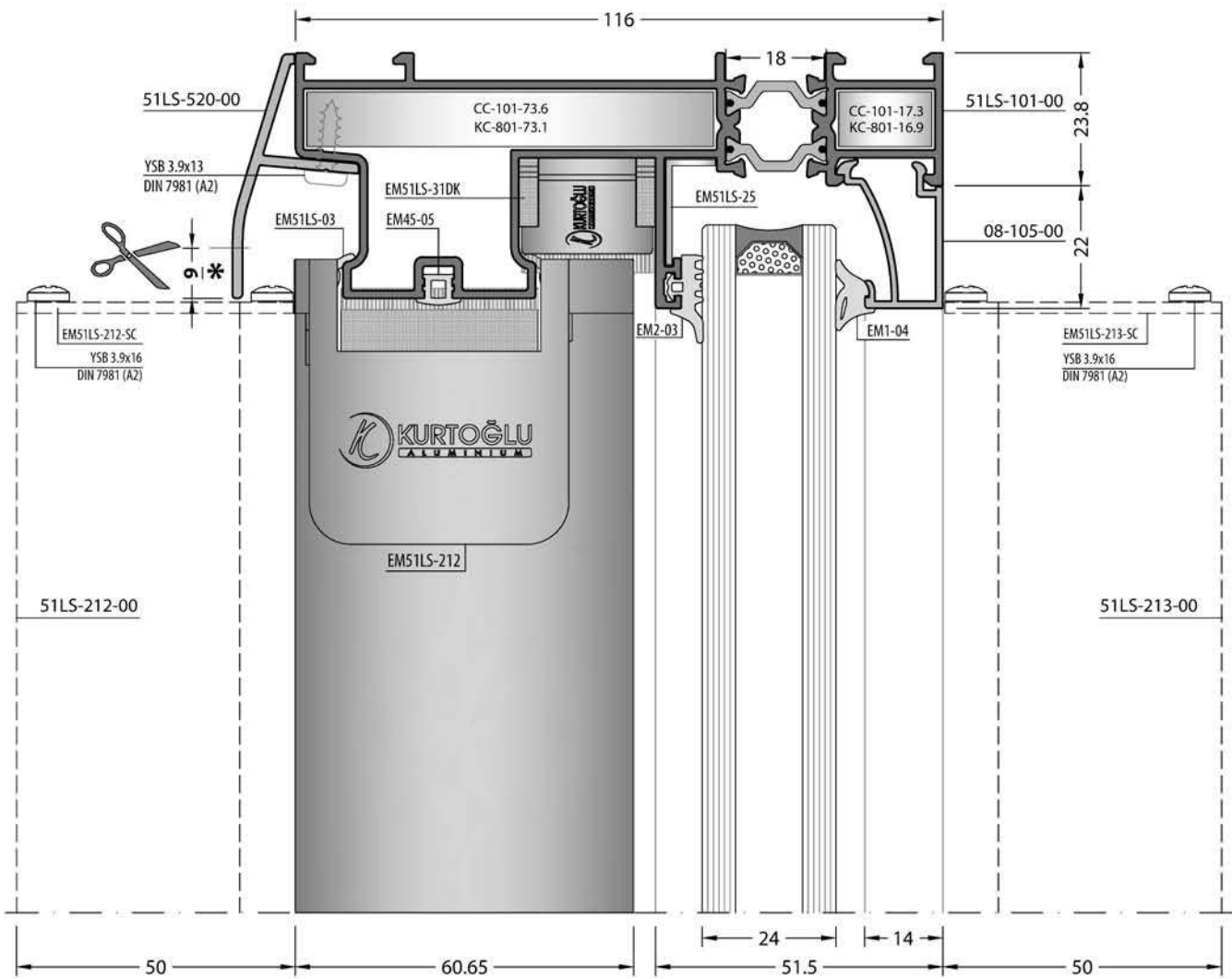
NARROW CLAMP / DAR KENET



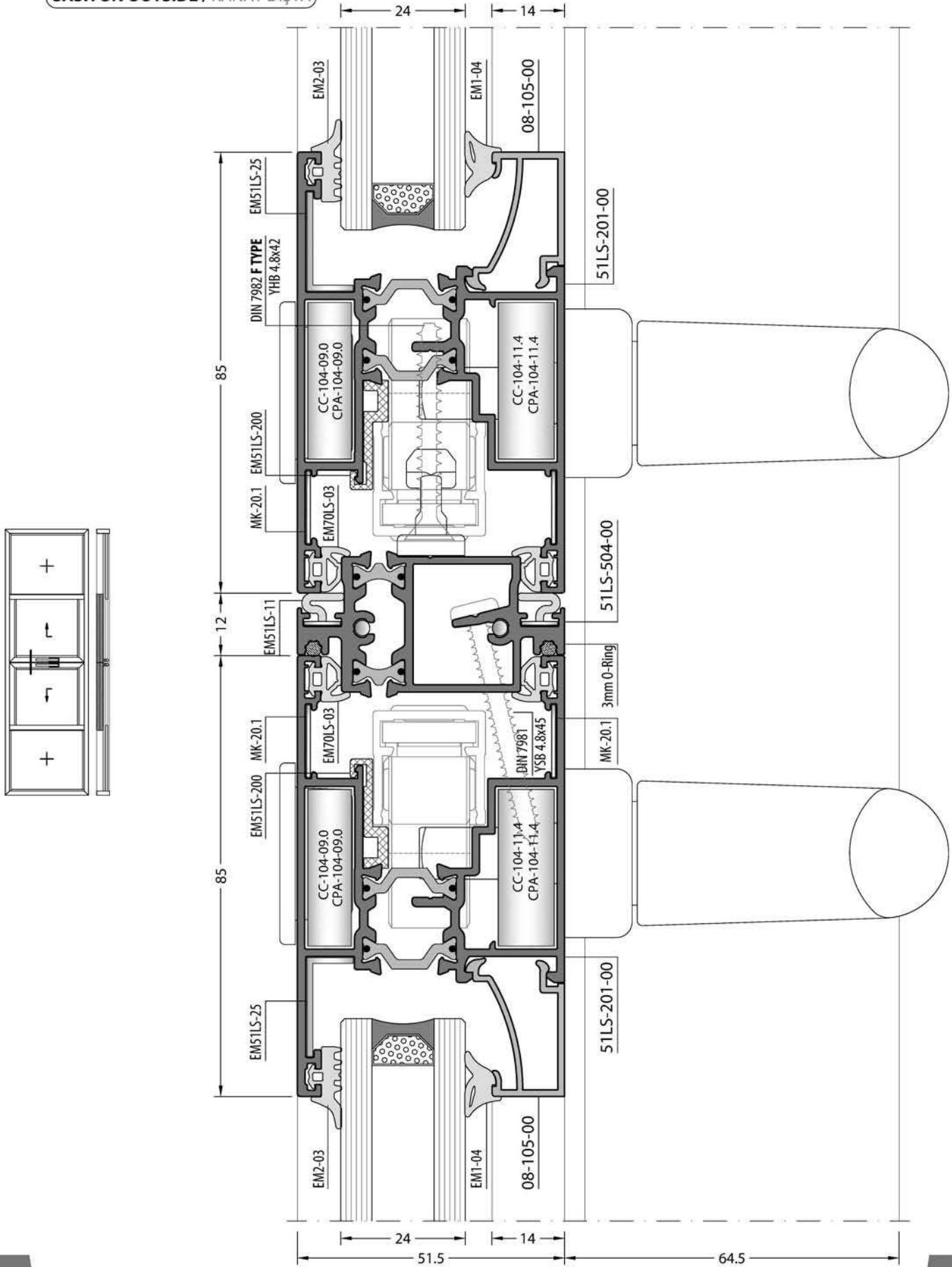
If outside supported profile (51LS-212-00) used, dropper profile (51LS-520-00) must be cutted.

* Dışta takviyeli profil (51LS-212-00) varsa damlalık profili (51LS-520-00) kesilmelidir.

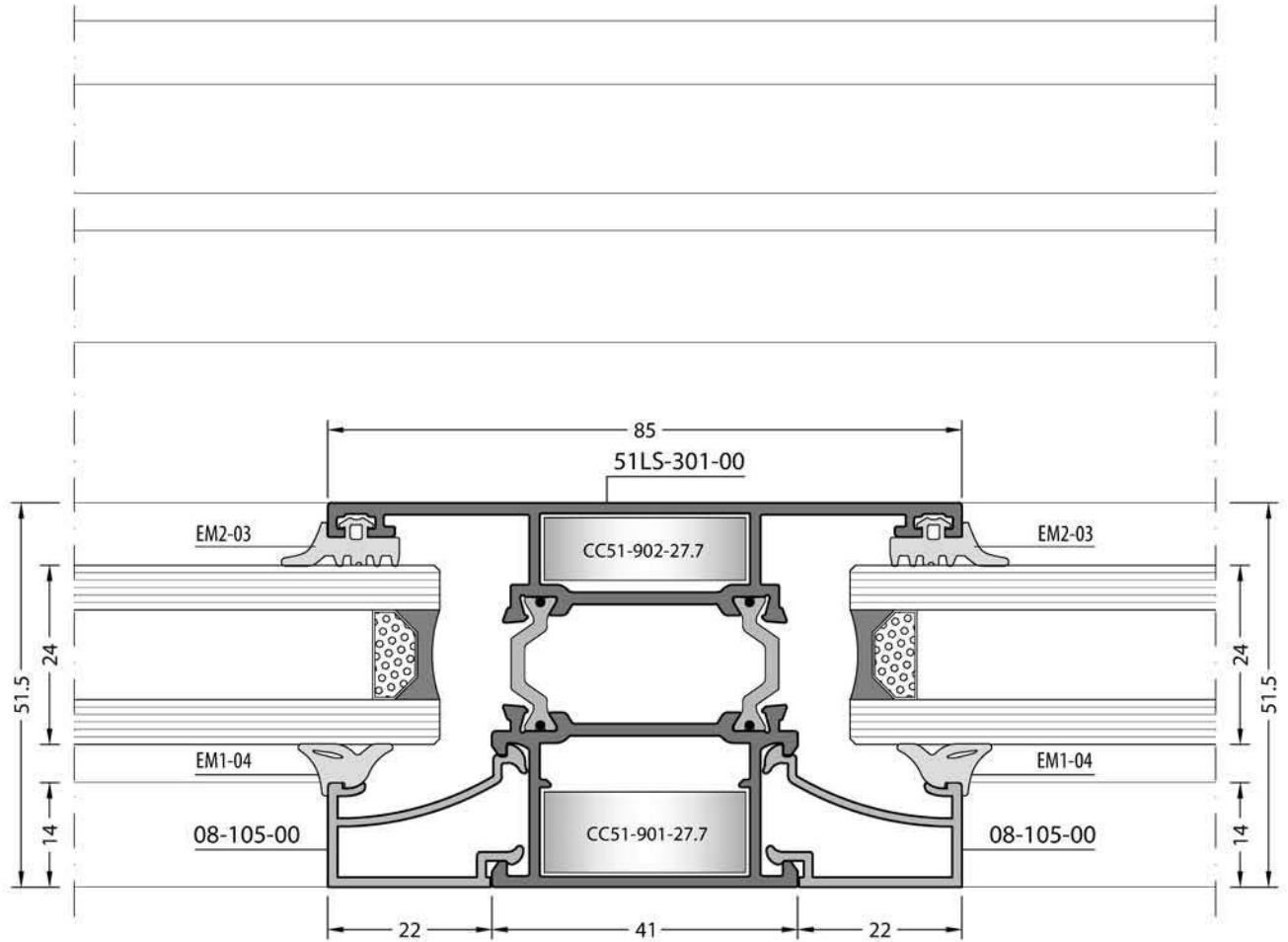
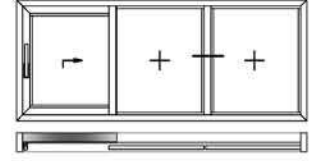
Needs touch-up paint / Rütüş boyası gereklidir.



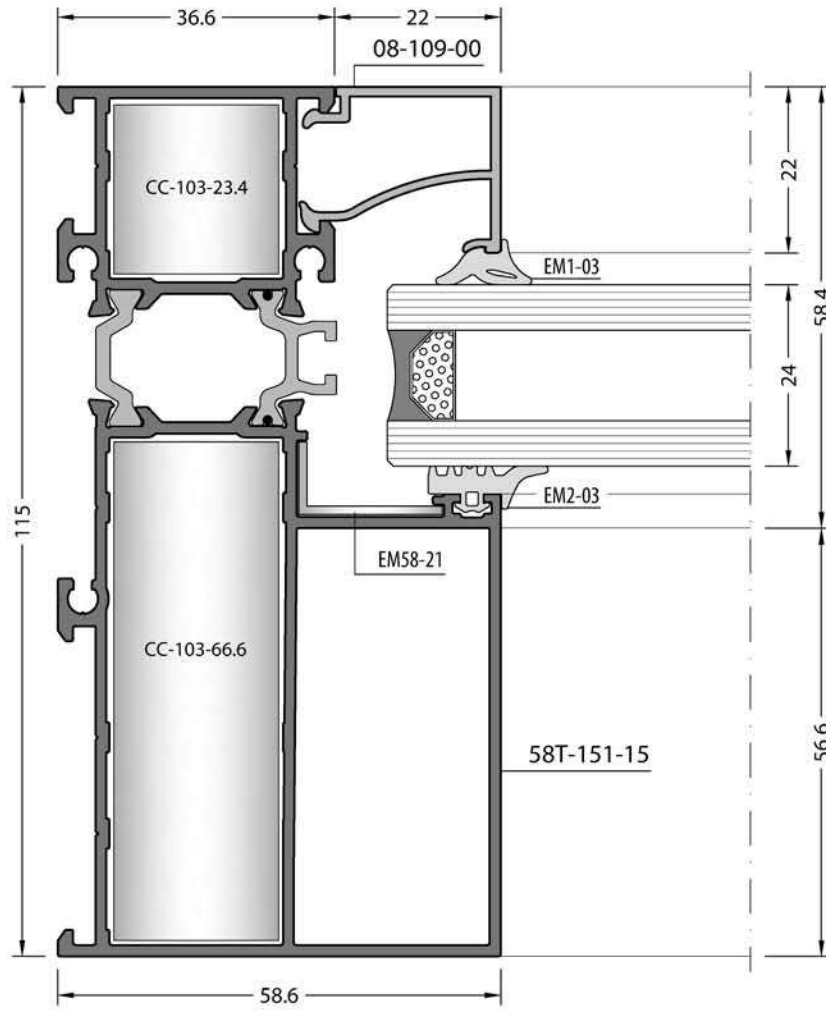
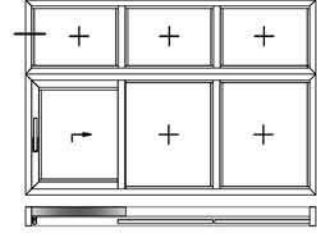
SASH ON OUTSIDE / KANAT DIŞTA



SASH ON OUTSIDE / KANAT DIŞTA



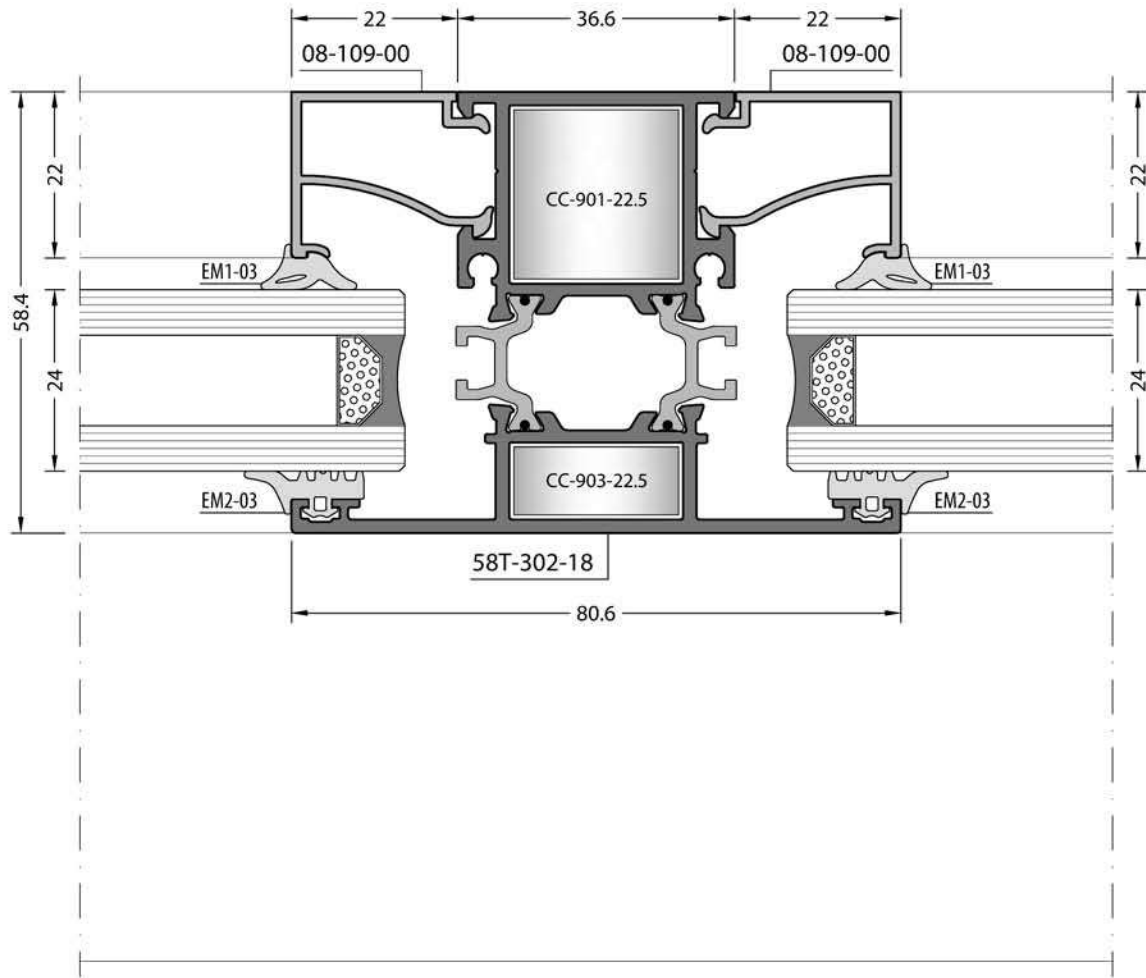
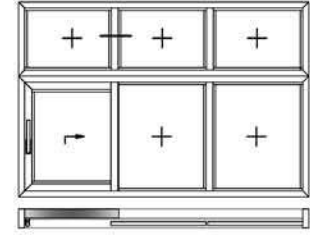
SASH ON OUTSIDE / KANAT DIŞTA



**Please look at the 58T catalogue for 58T-151B-15
profile glazing combinations.**

58T-151B-15 profilinin cam kombinasyonu için
58T kataloğuna bakınız.

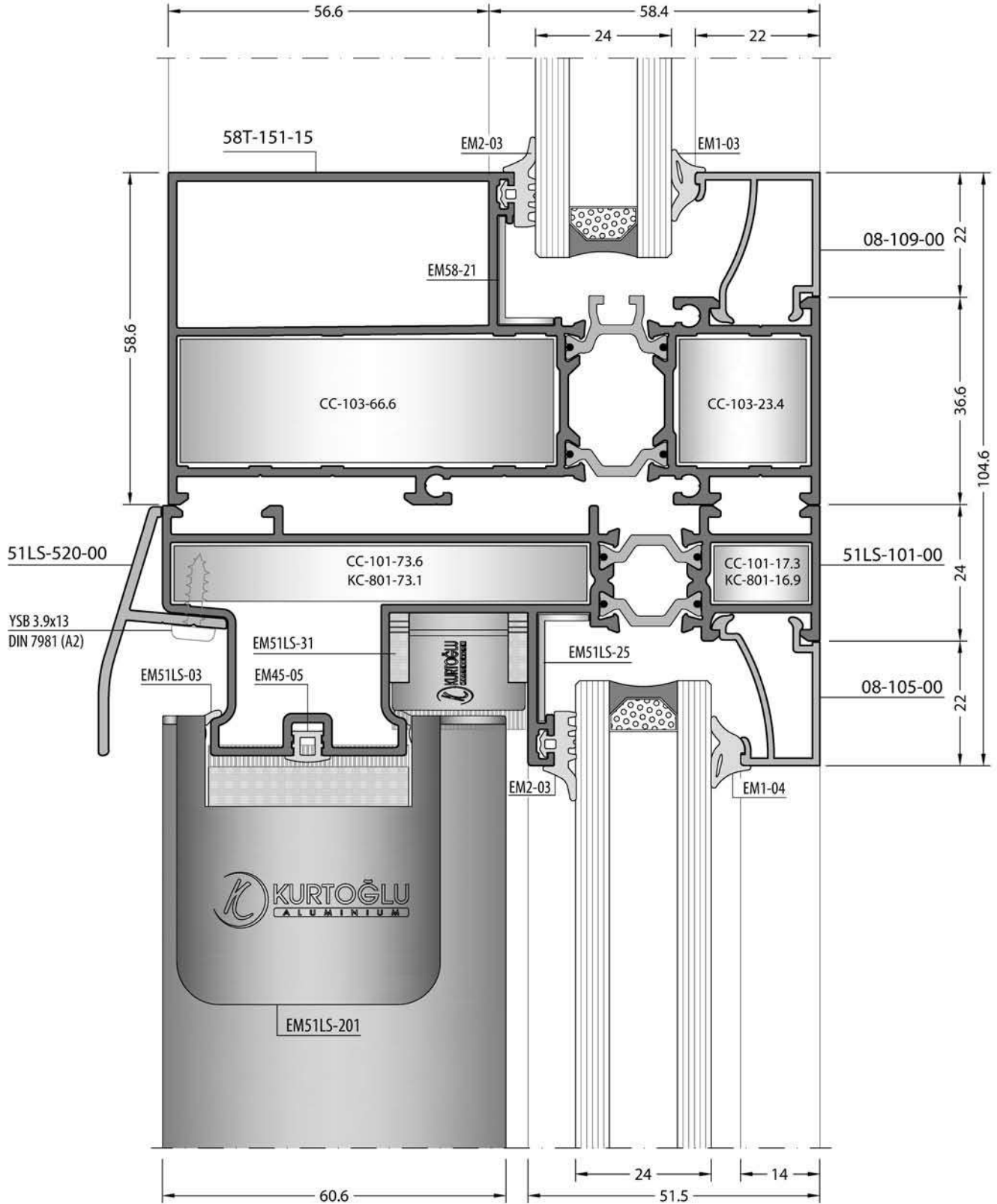
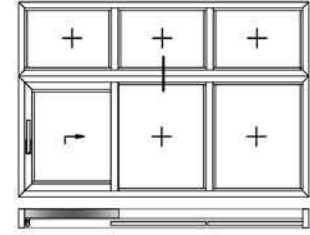
SASH ON OUTSIDE / KANAT DIŞTA



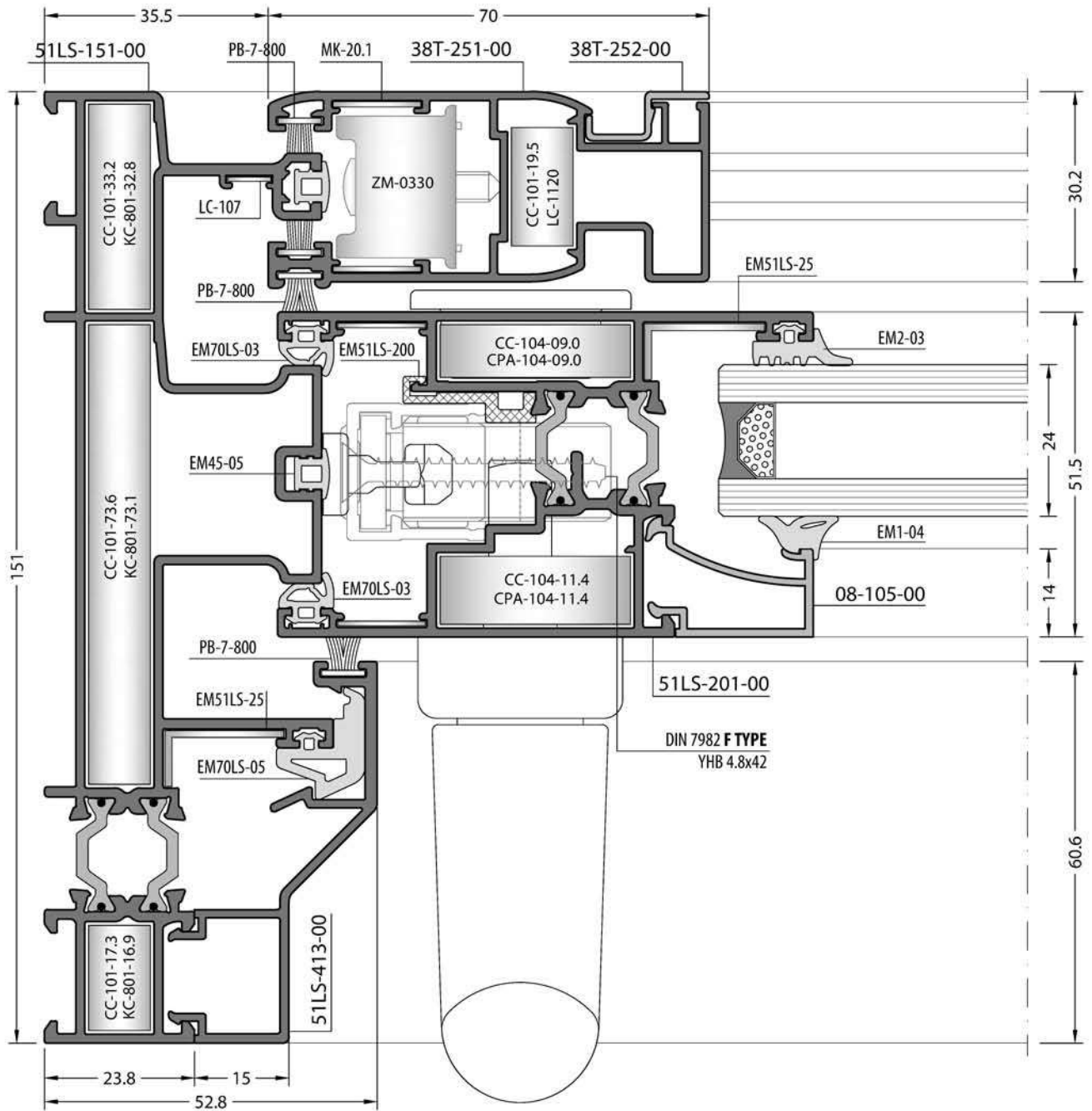
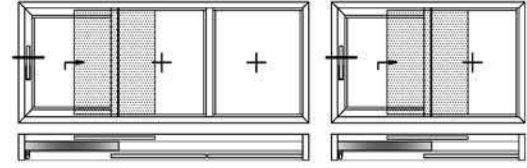
SASH ON OUTSIDE / KANAT DIŞTA

Please look at the 58T catalogue for 58T-151B-15
profile glazing combinations.

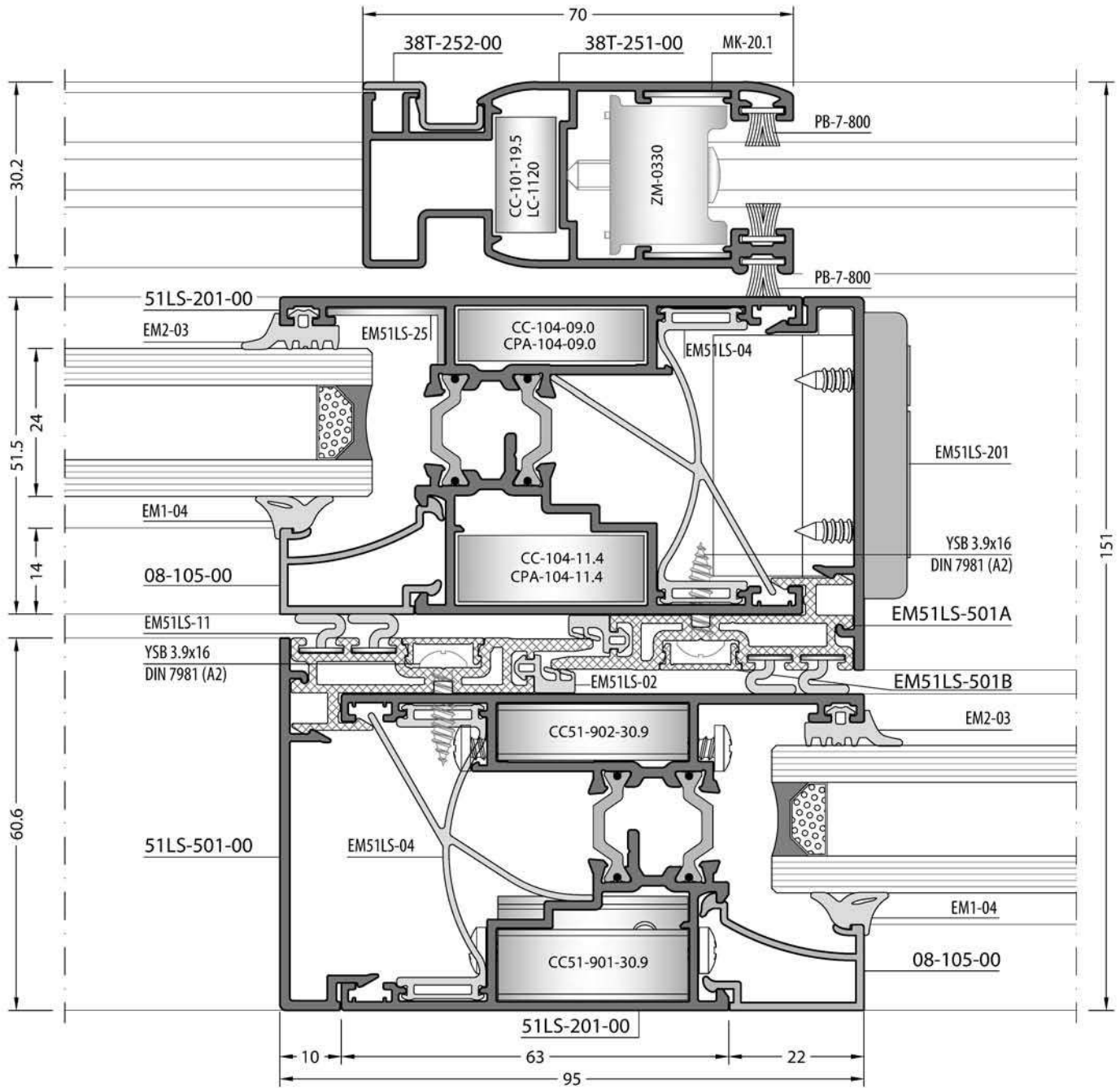
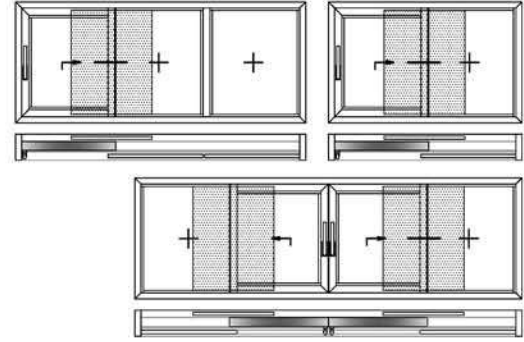
58T-151B-15 profilinin cam kombinasyonu için
58T kataloğuna bakınız.



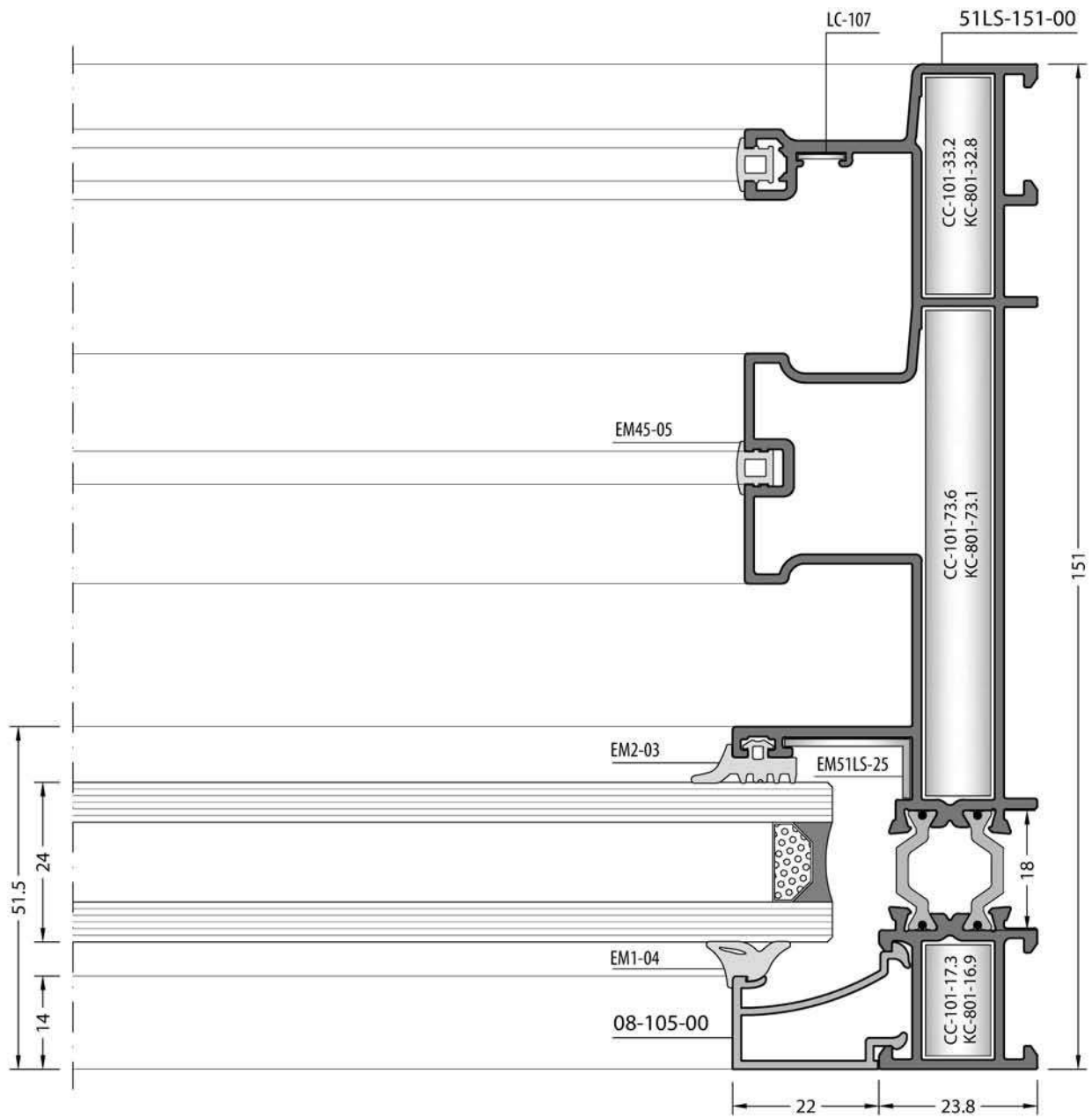
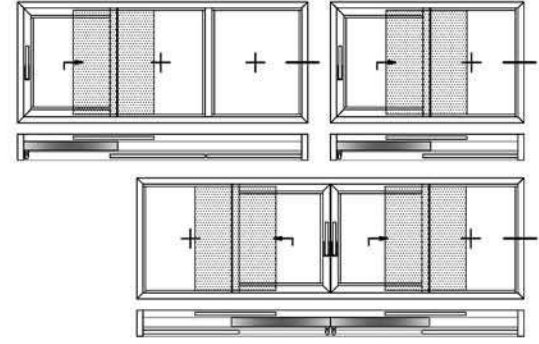
SASH ON OUTSIDE / KANAT DIŞTA



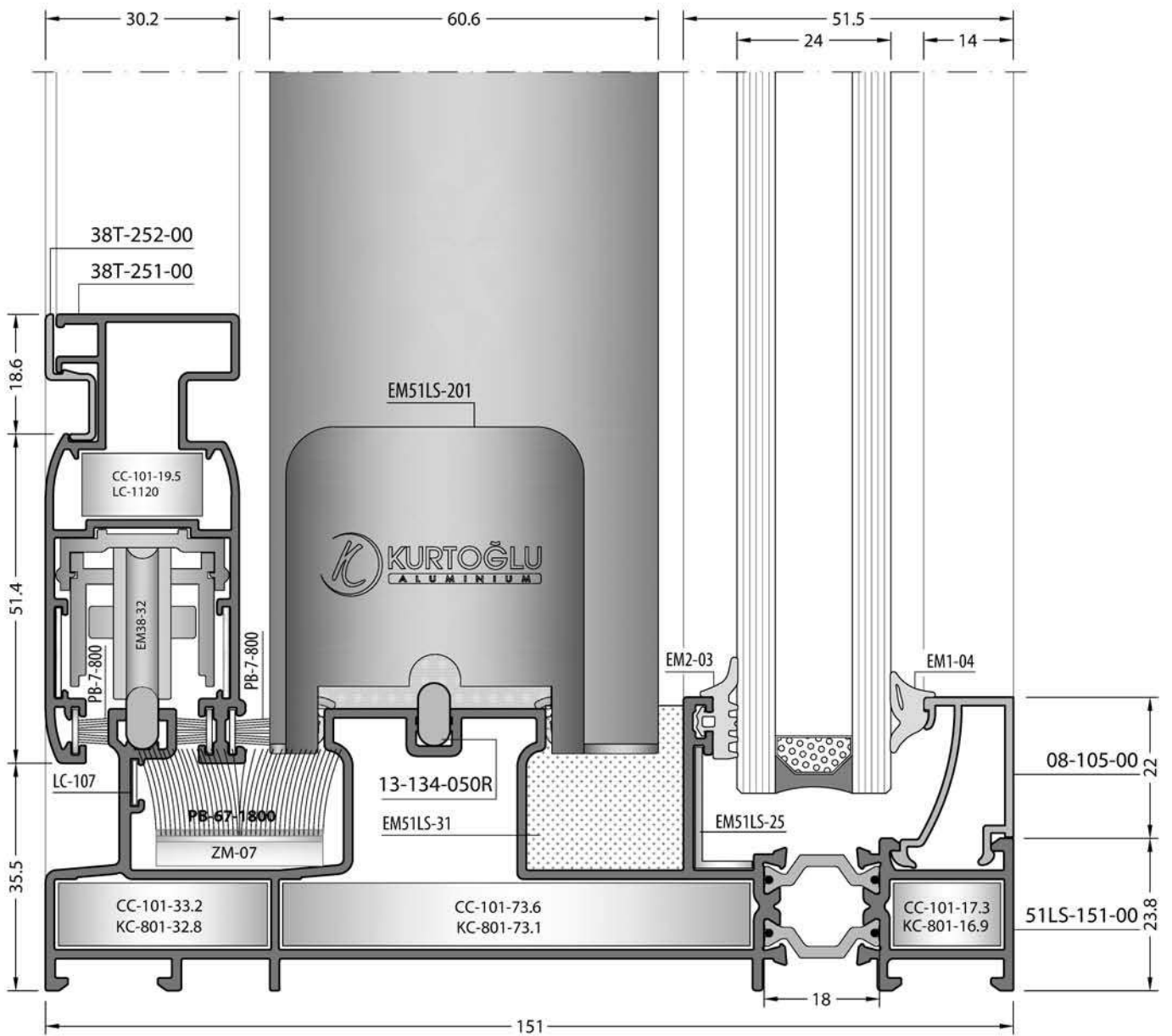
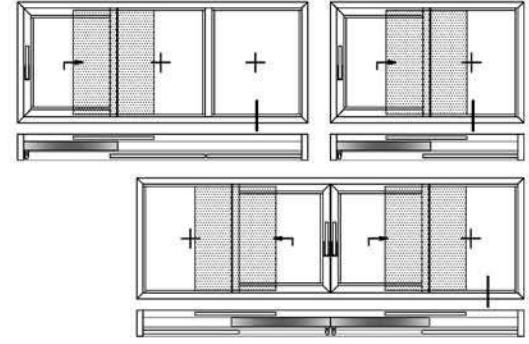
SASH ON OUTSIDE / KANAT DIŞTA

STANDARD CLAMP
STANDART KENET

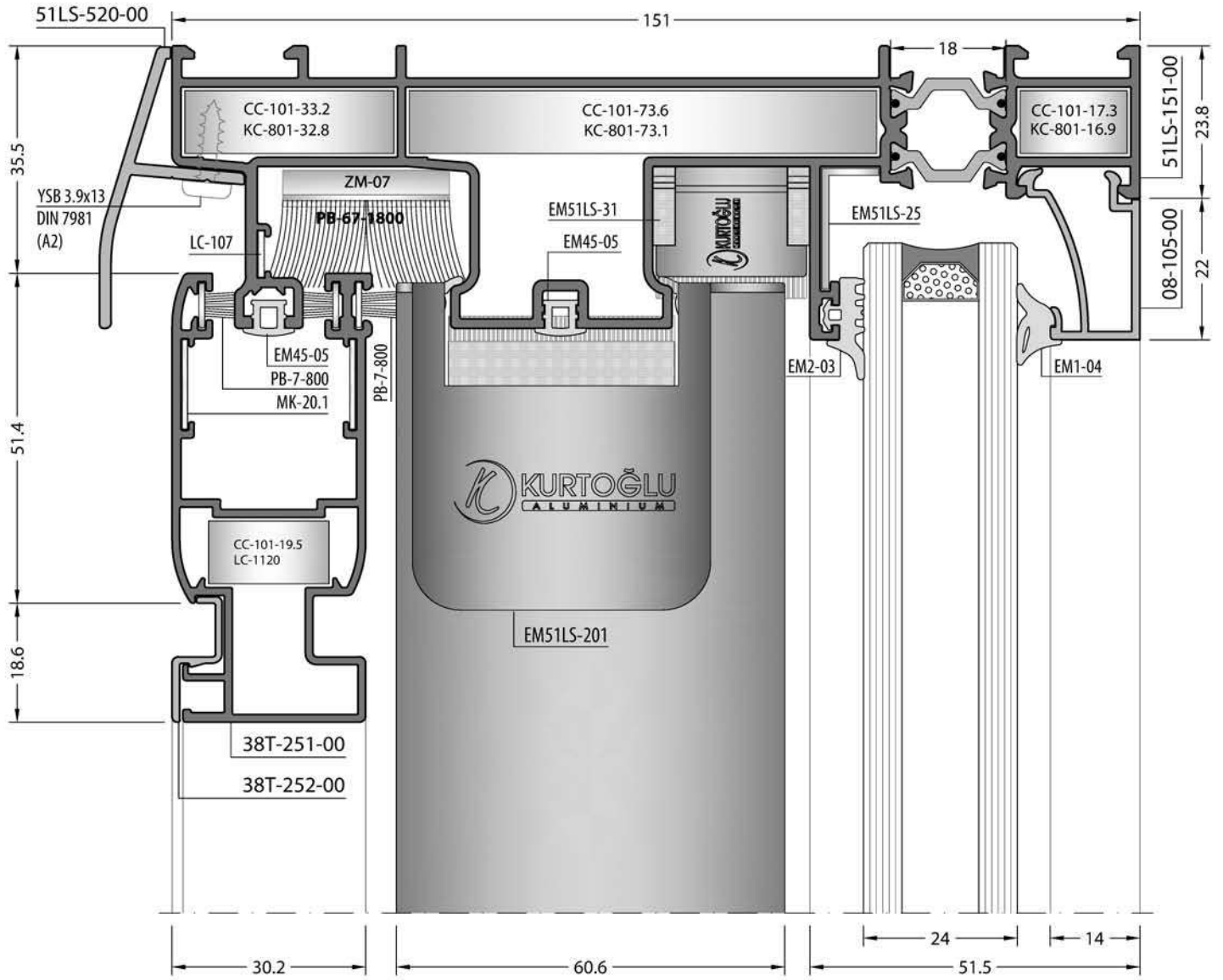
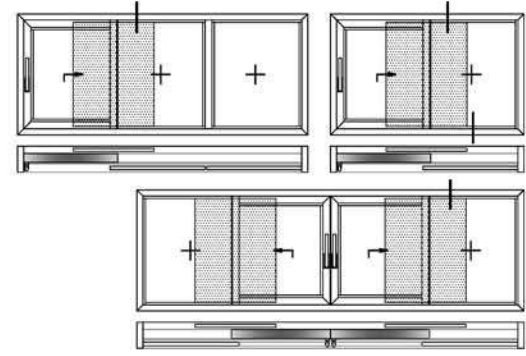
SASH ON OUTSIDE / KANAT DIŞTA



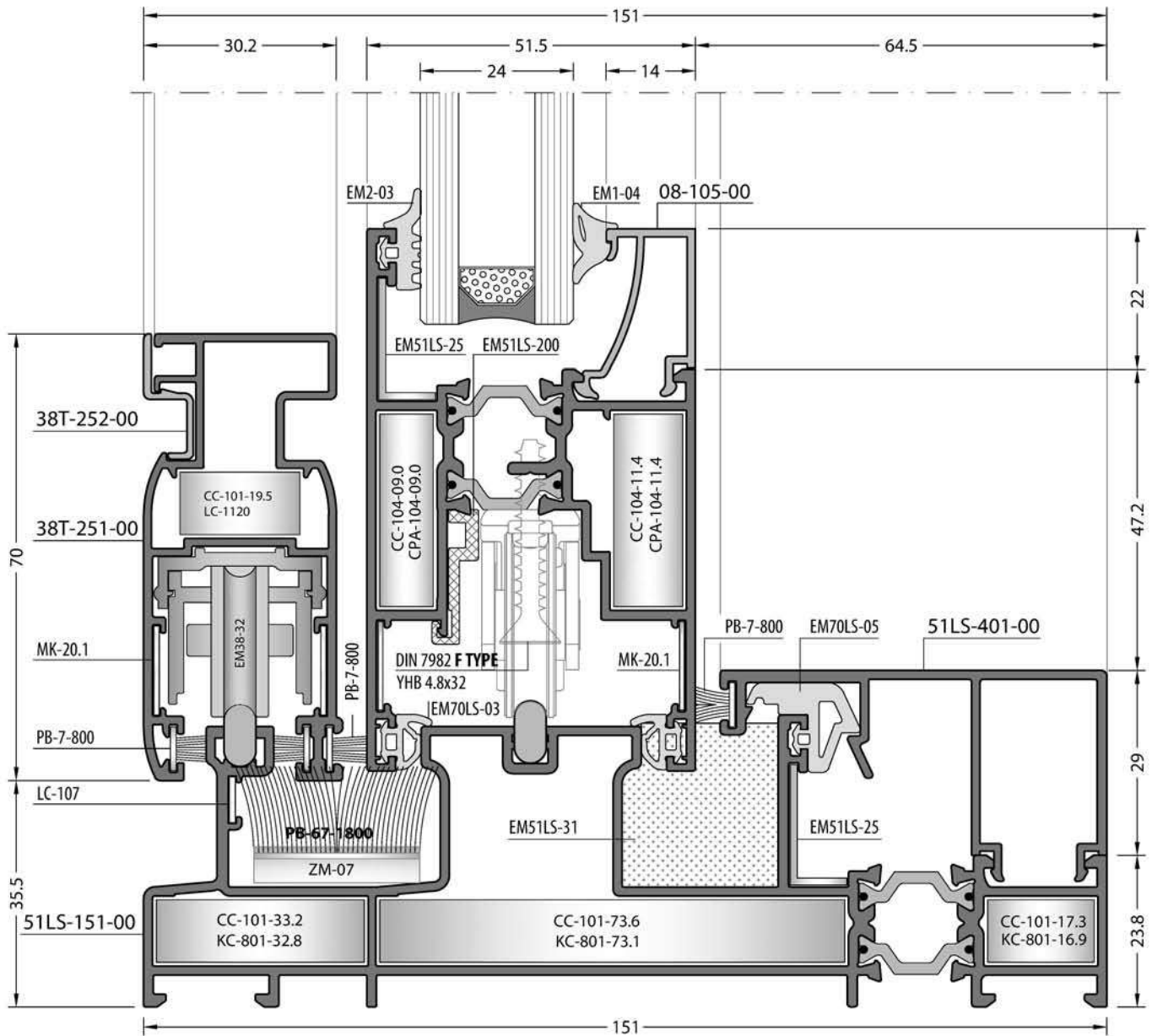
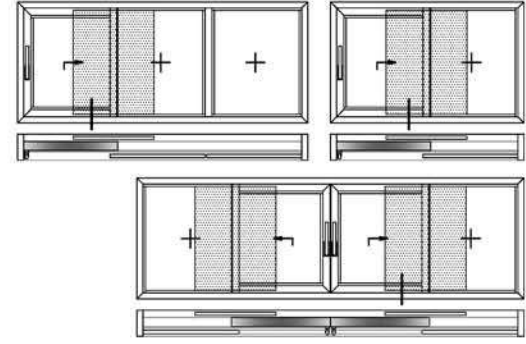
SASH ON OUTSIDE / KANAT DIŞTA



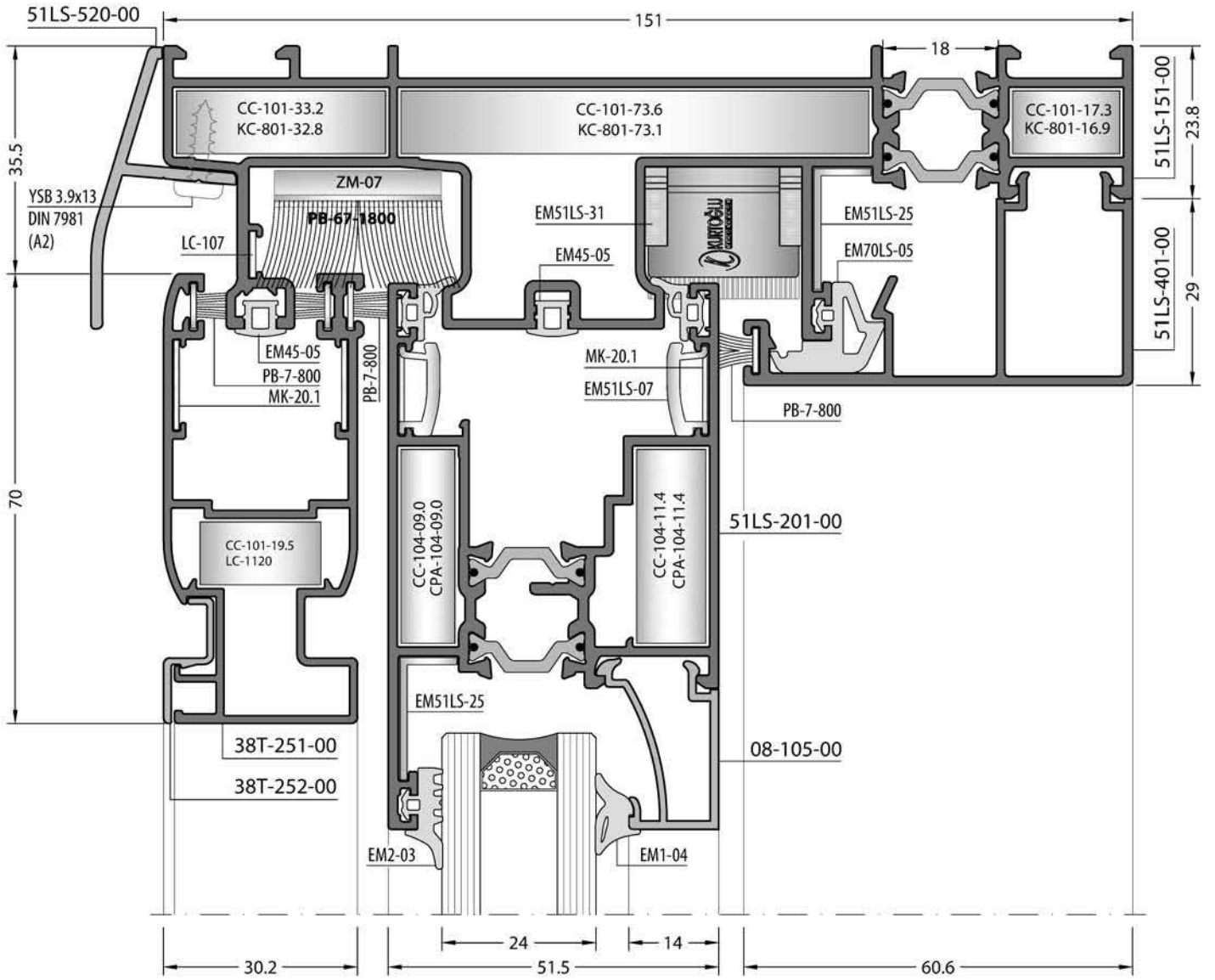
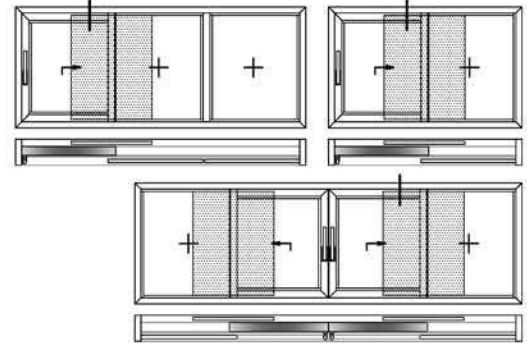
SASH ON OUTSIDE / KANAT DIŞTA



SASH ON OUTSIDE / KANAT DIŞTA

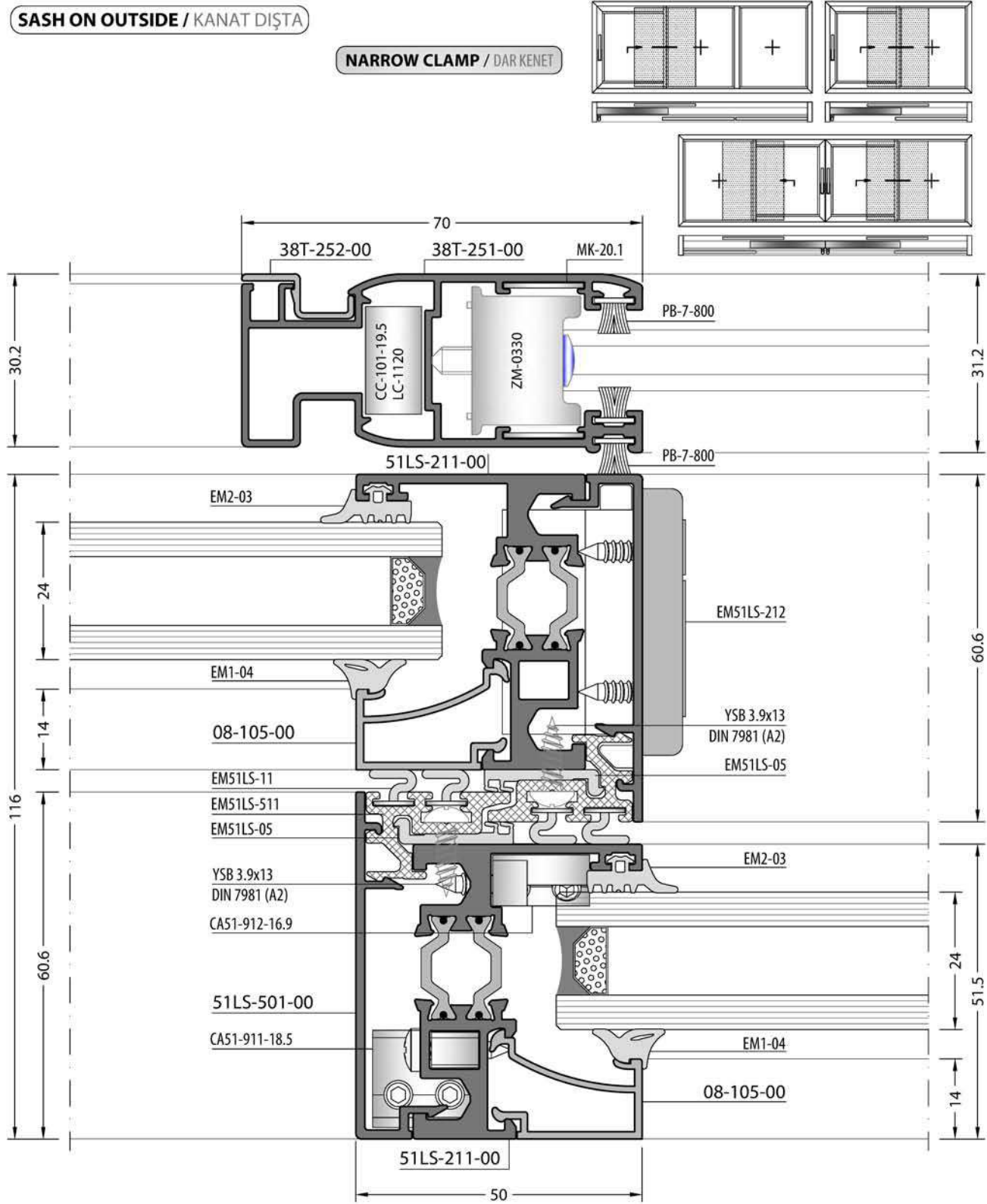


SASH ON OUTSIDE / KANAT DIŞTA



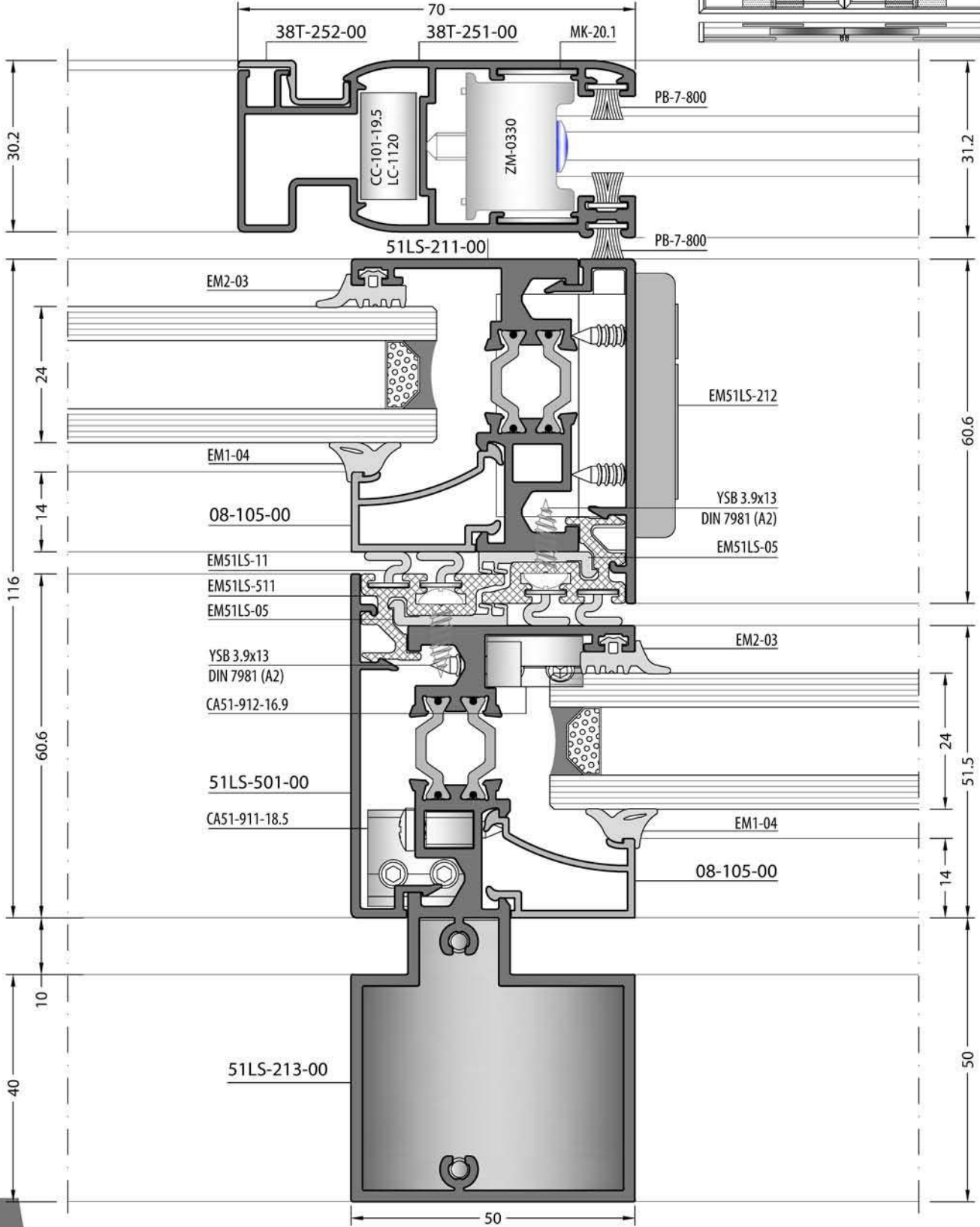
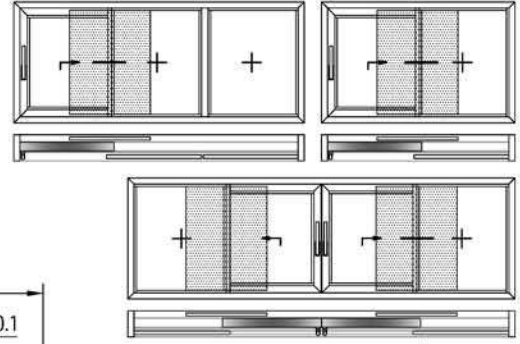
SASH ON OUTSIDE / KANAT DIŞTA

NARROW CLAMP / DAR KENET



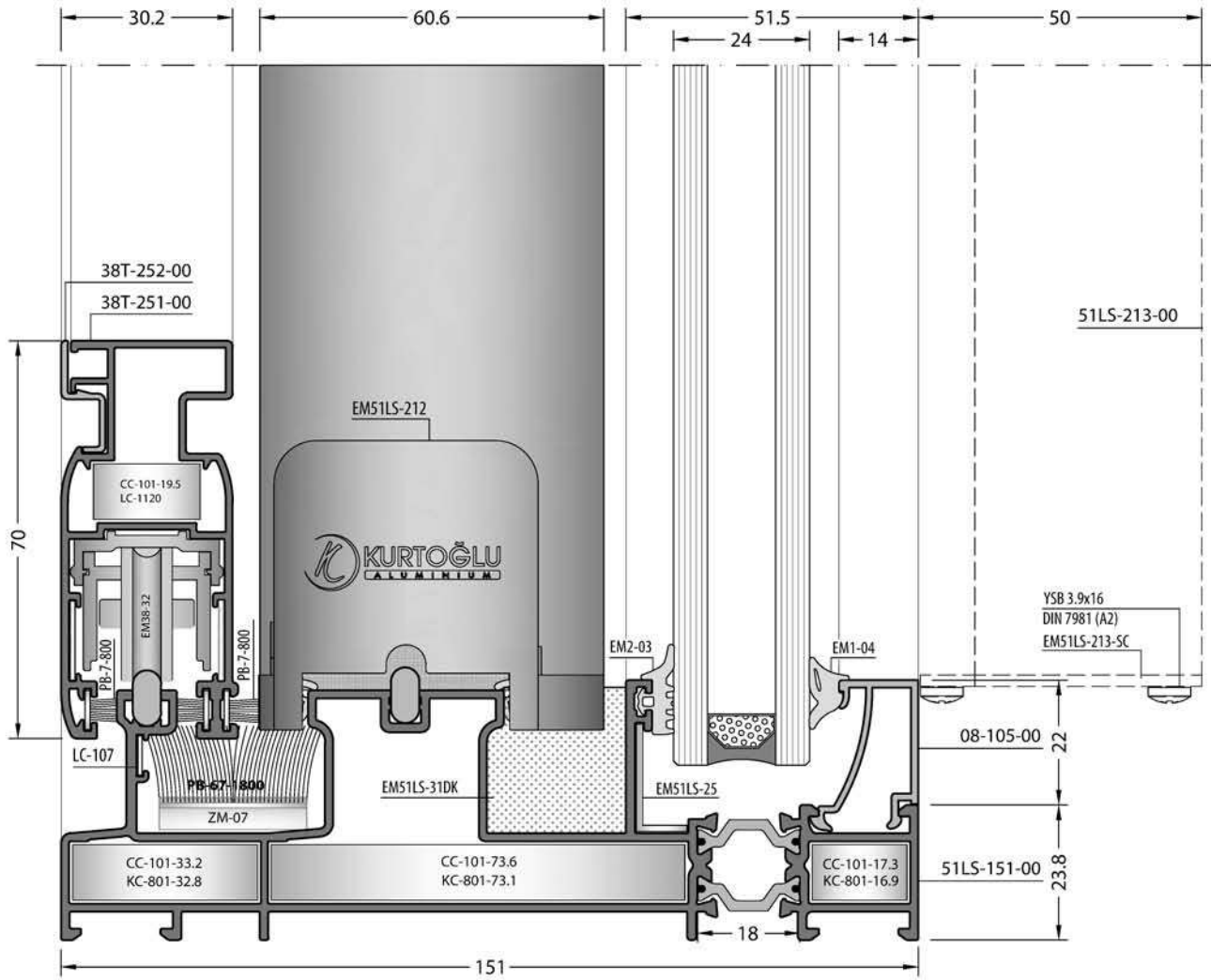
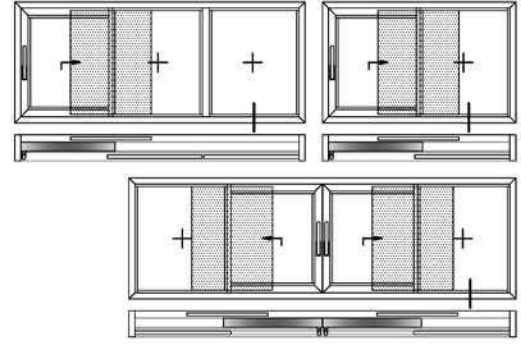
SASH ON OUTSIDE / KANAT DIŞTA

NARROW CLAMP / DAR KENET

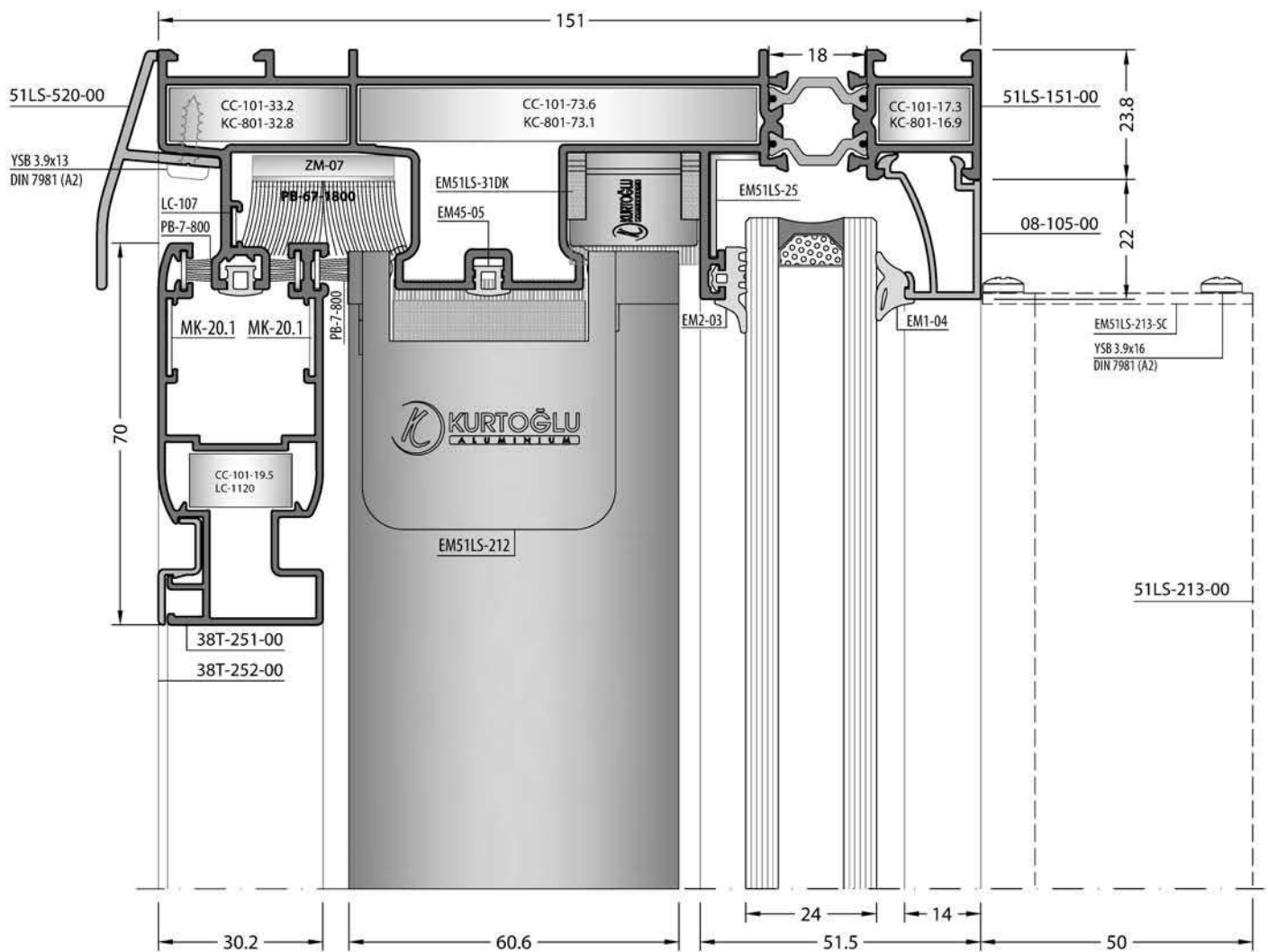
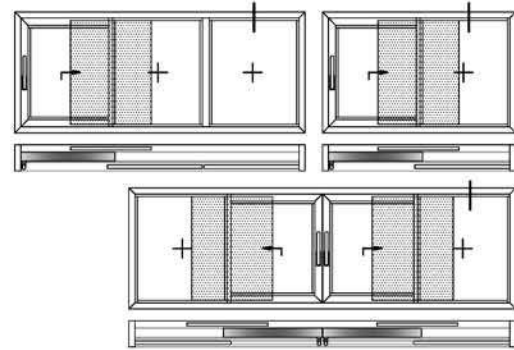


SASH ON OUTSIDE / KANAT DIŞTA

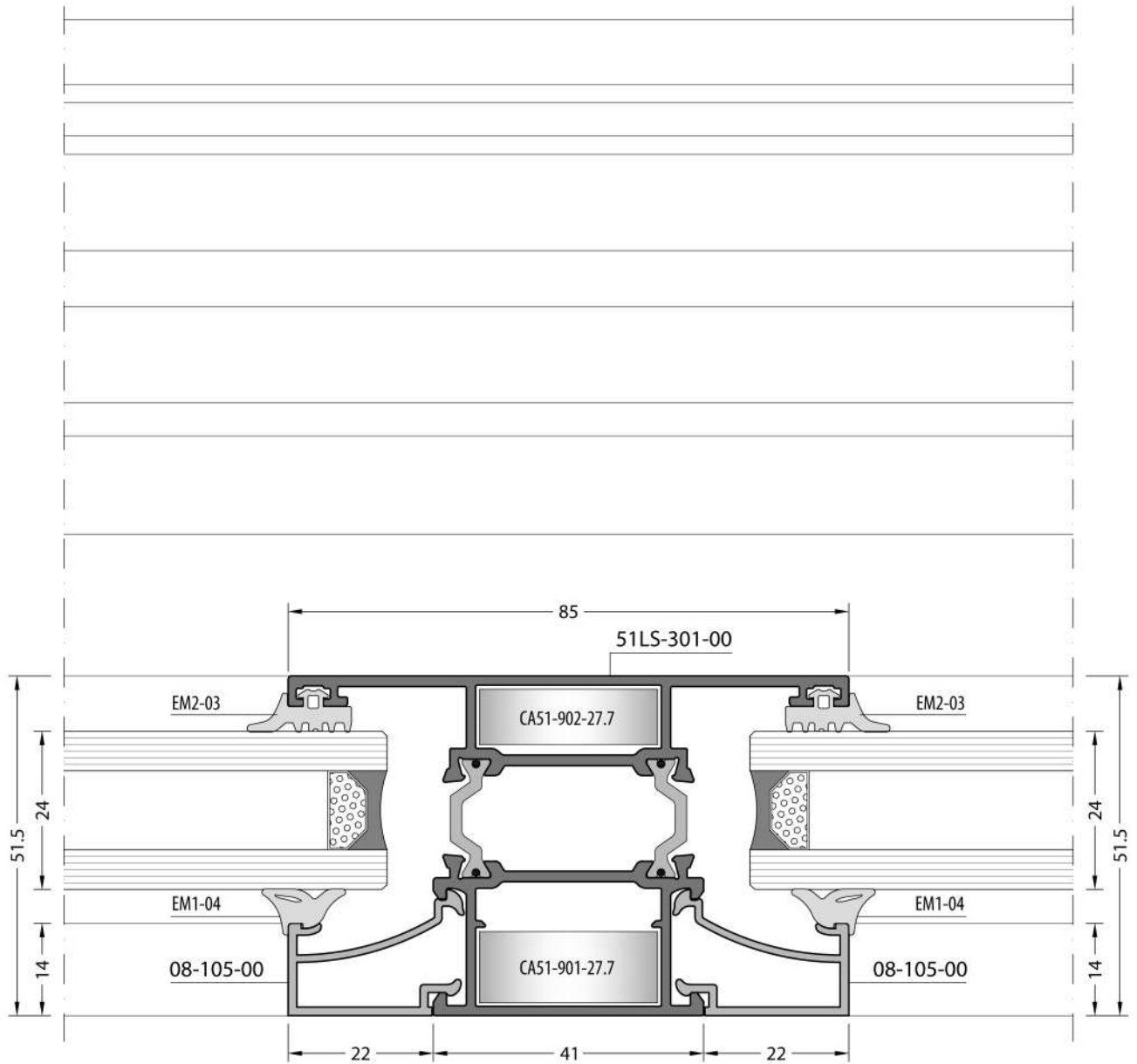
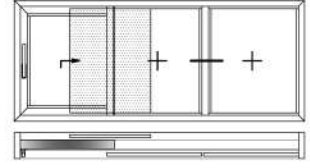
NARROW CLAMP / DAR KENET

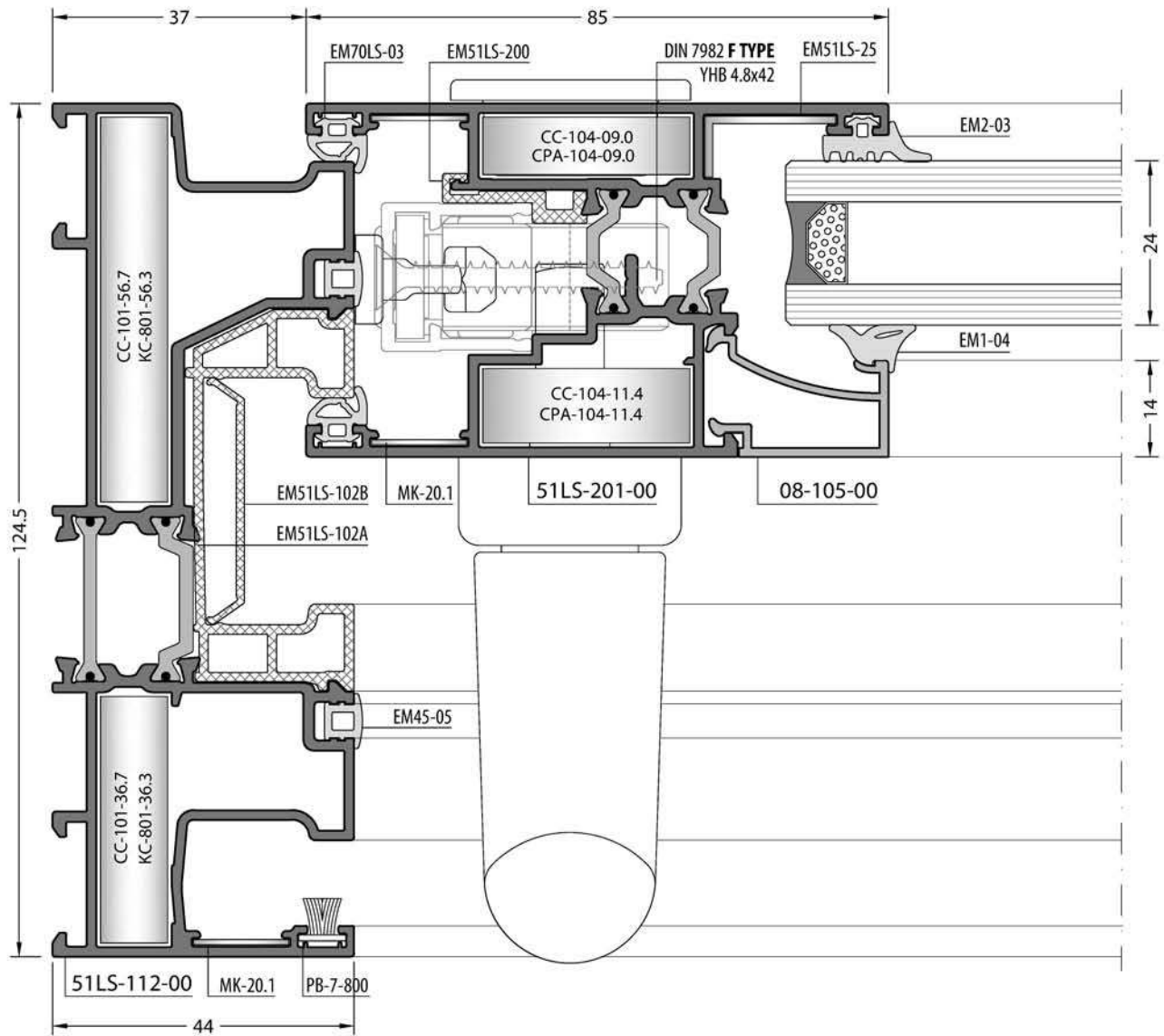
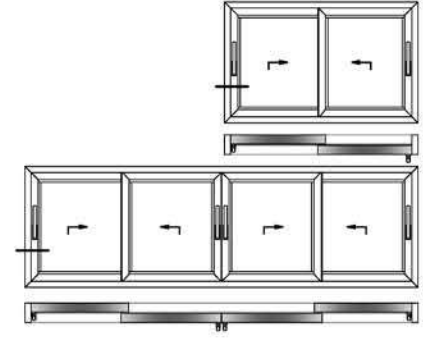


NARROW CLAMP / DAR KENET

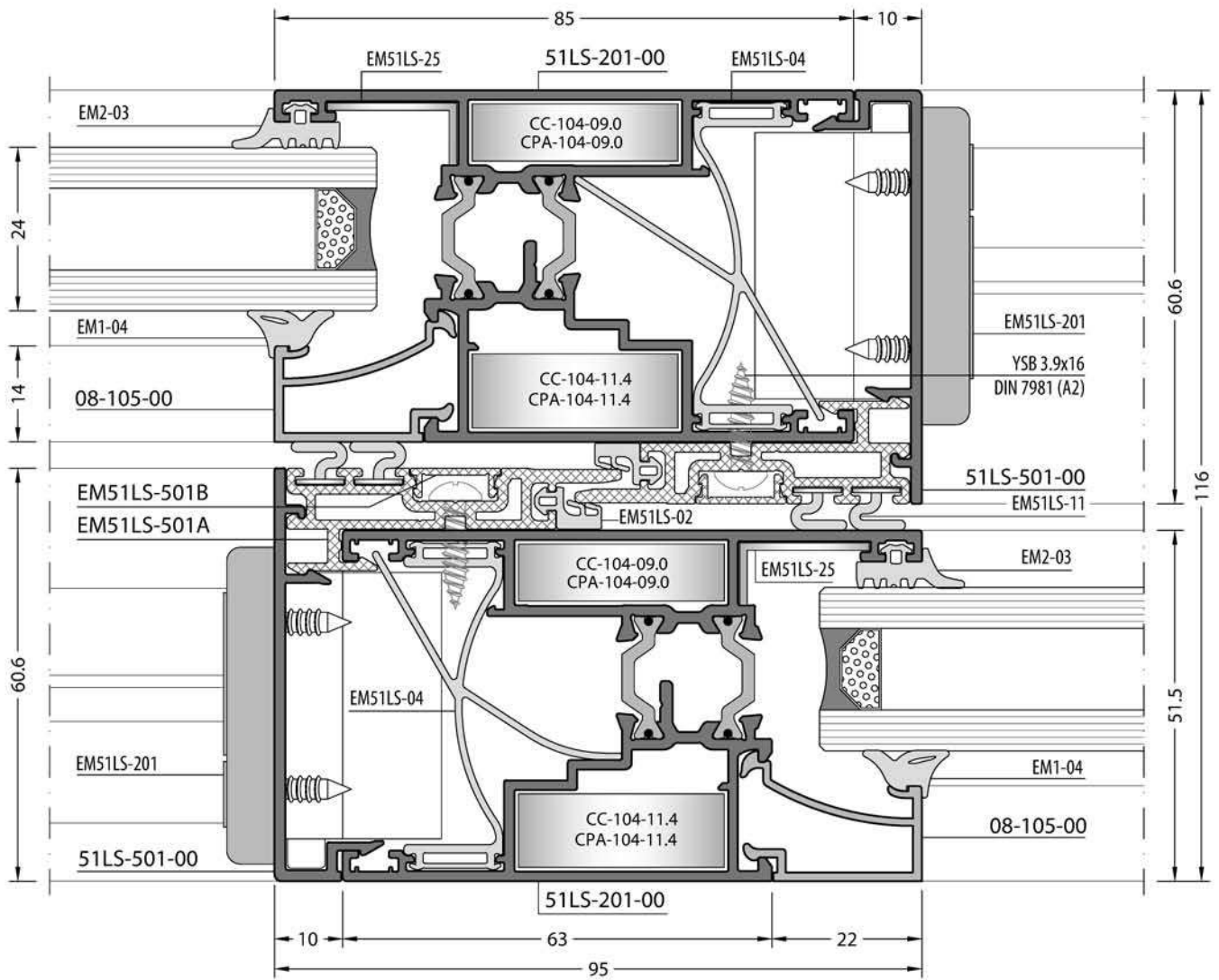
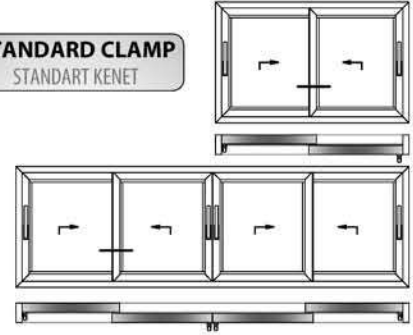


SASH ON OUTSIDE / KANAT DIŞTA

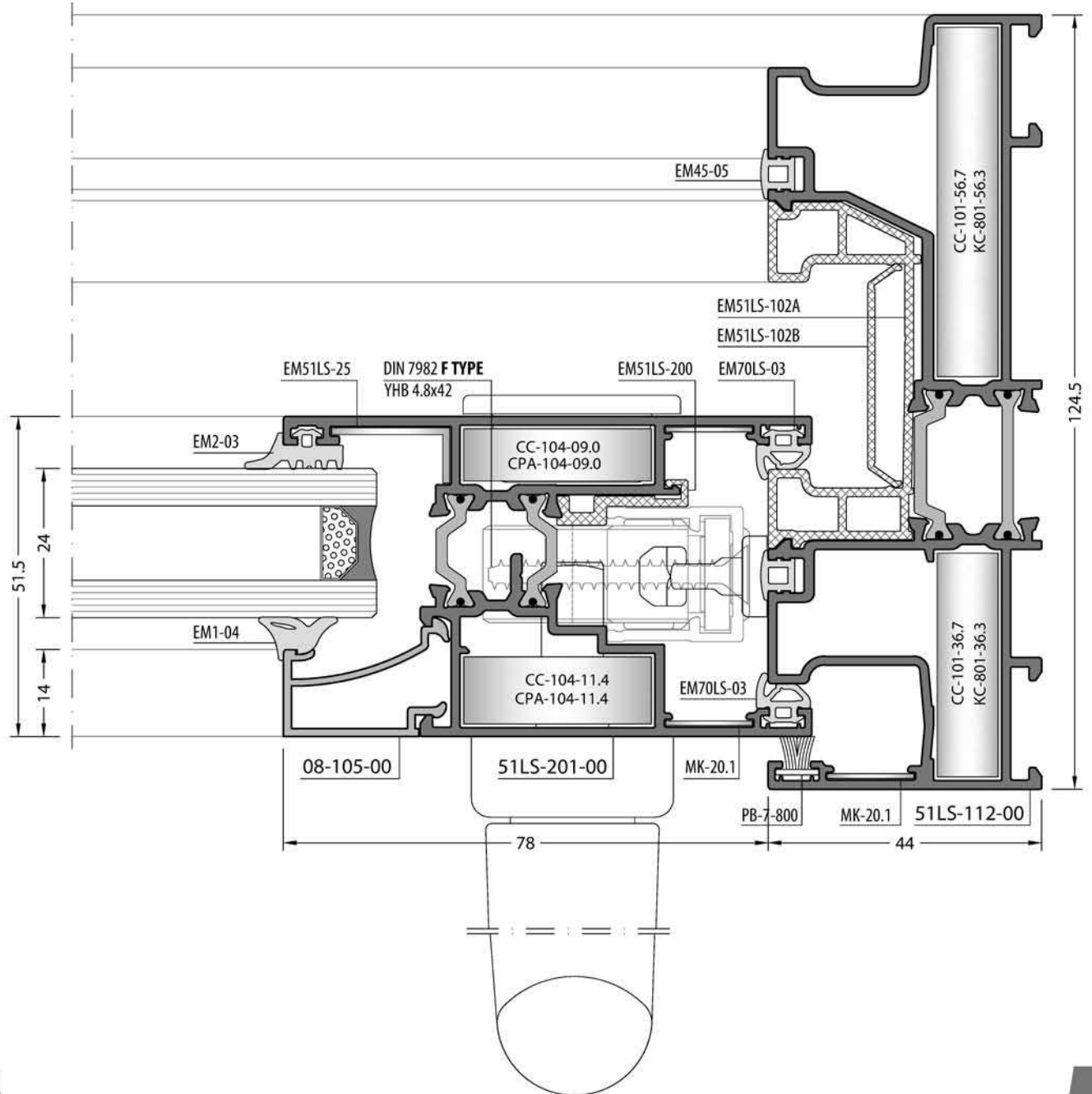
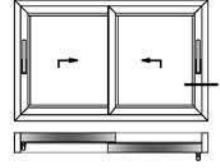


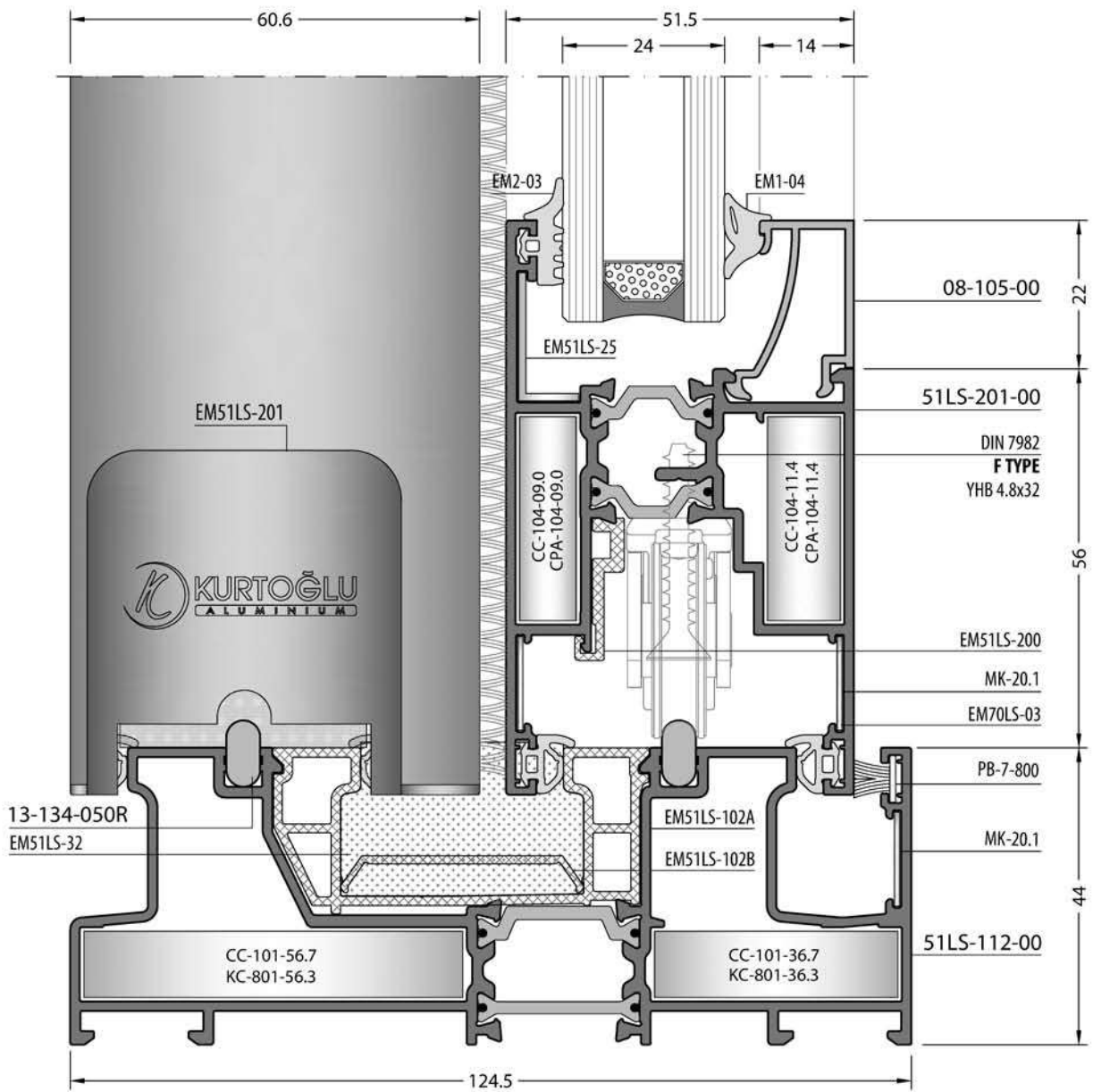
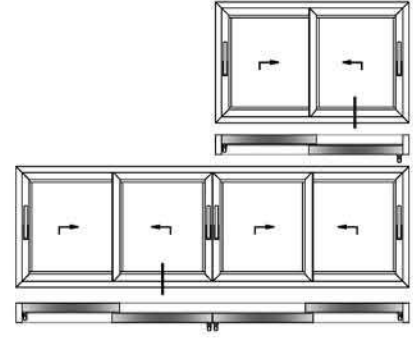


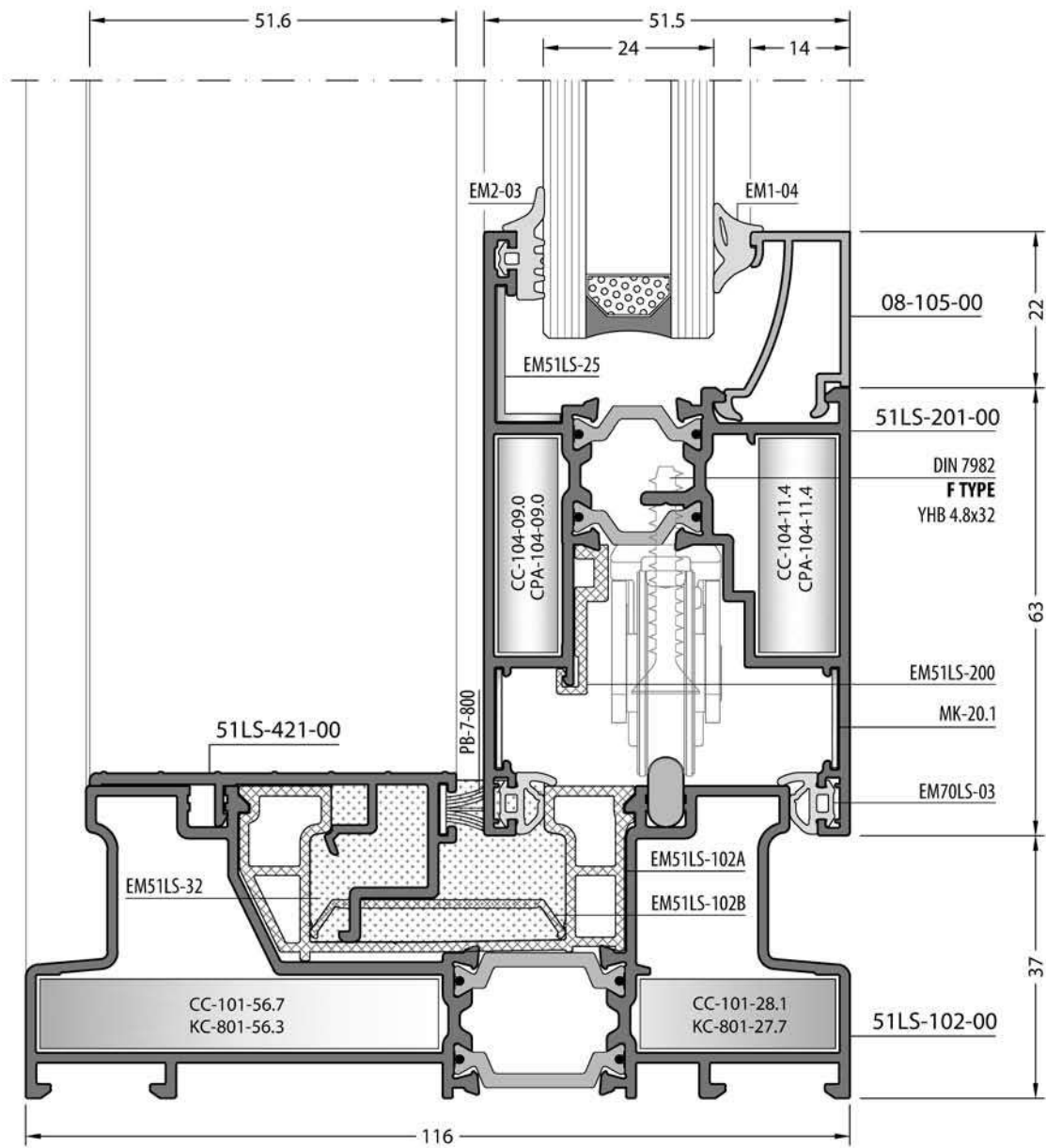
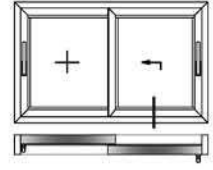
STANDARD CLAMP
STANDART KENET

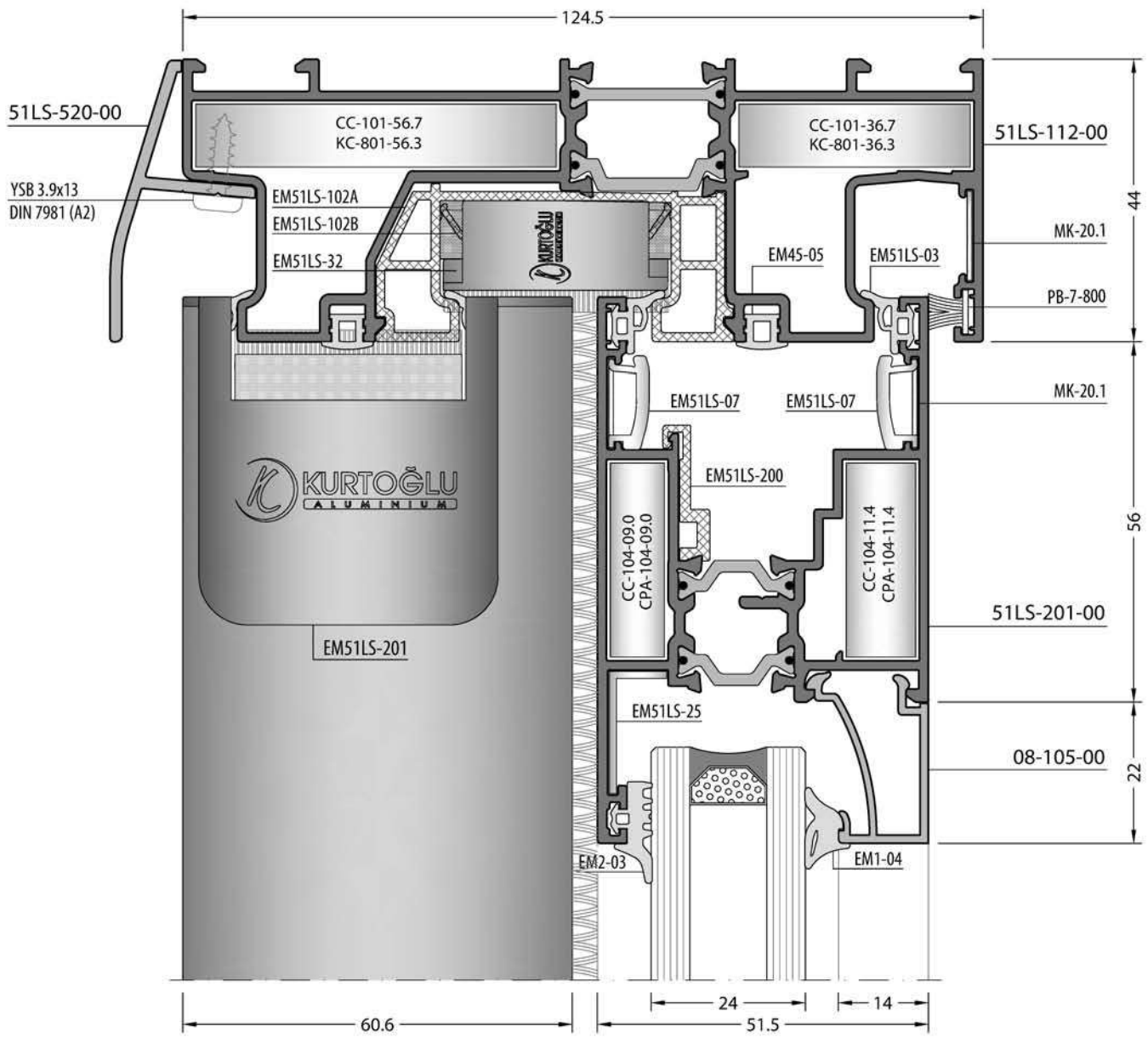
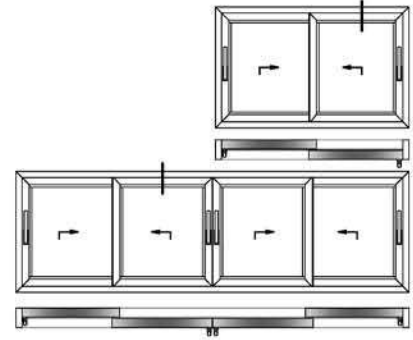


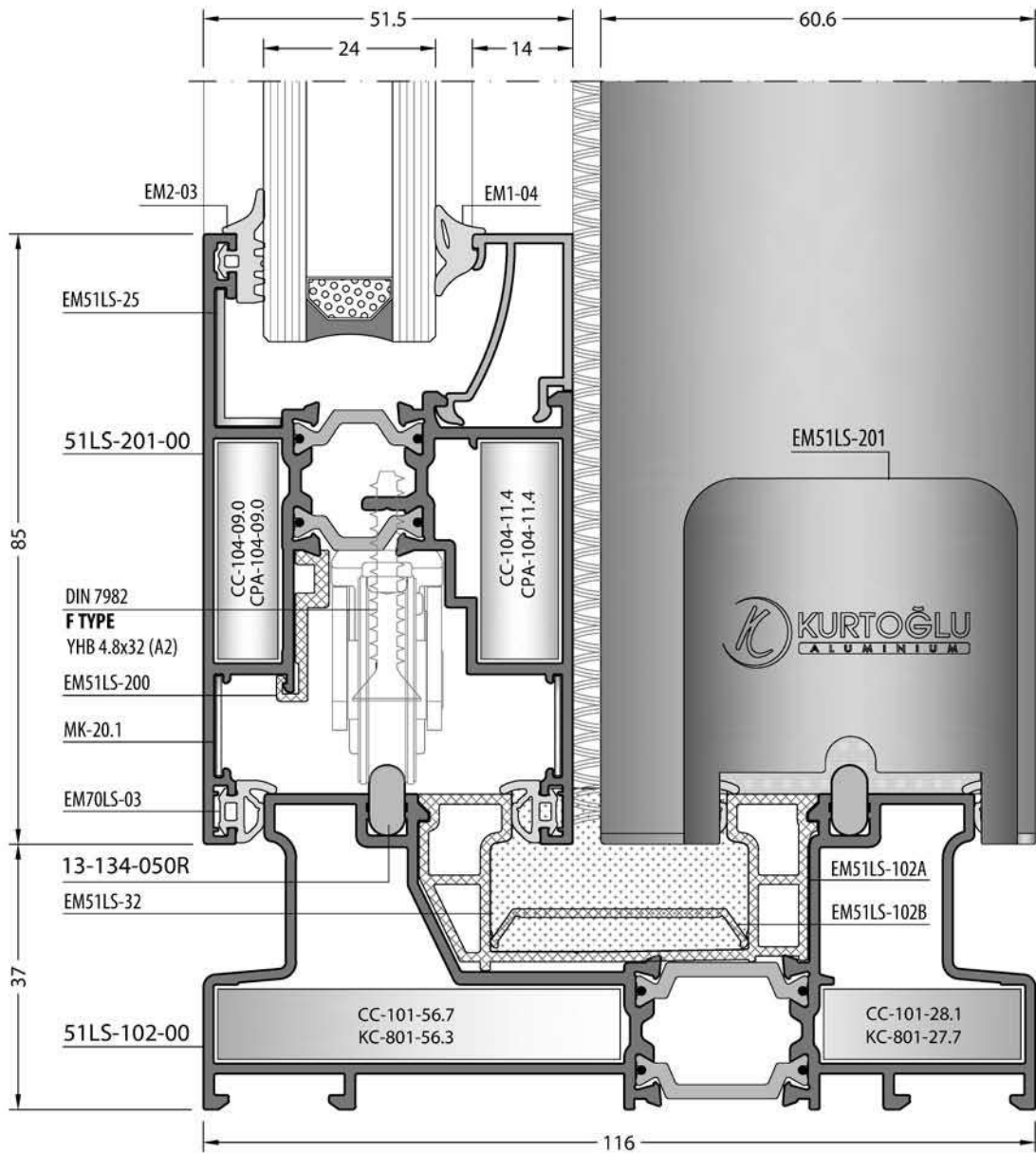
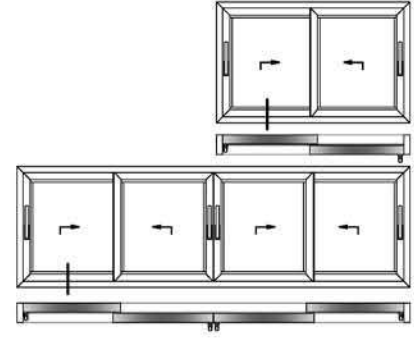


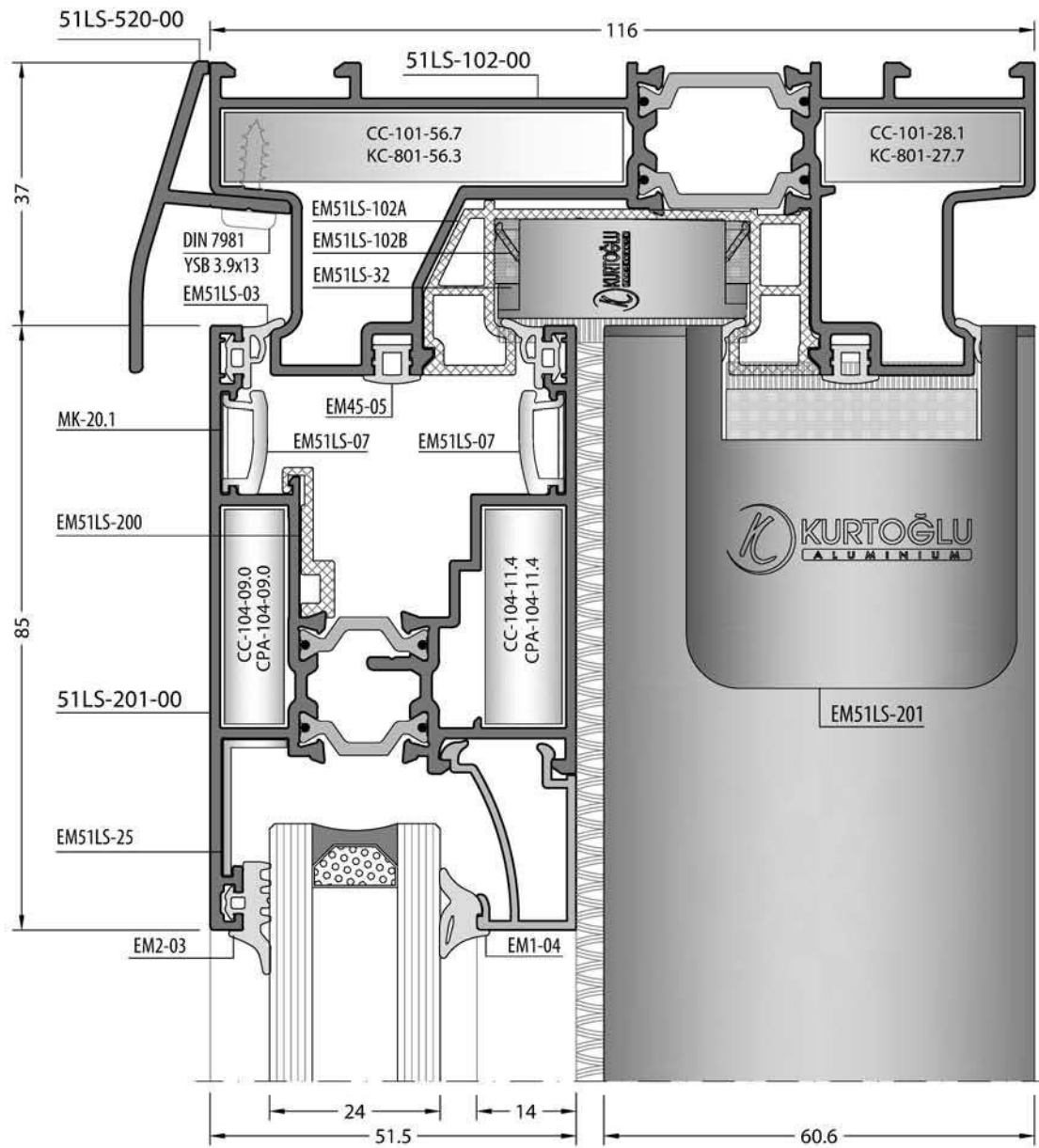
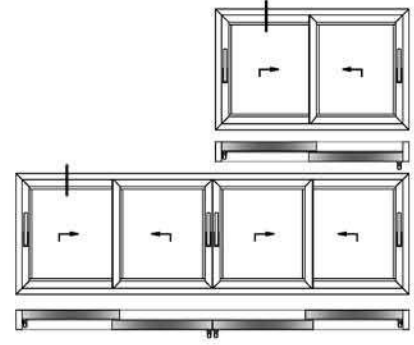




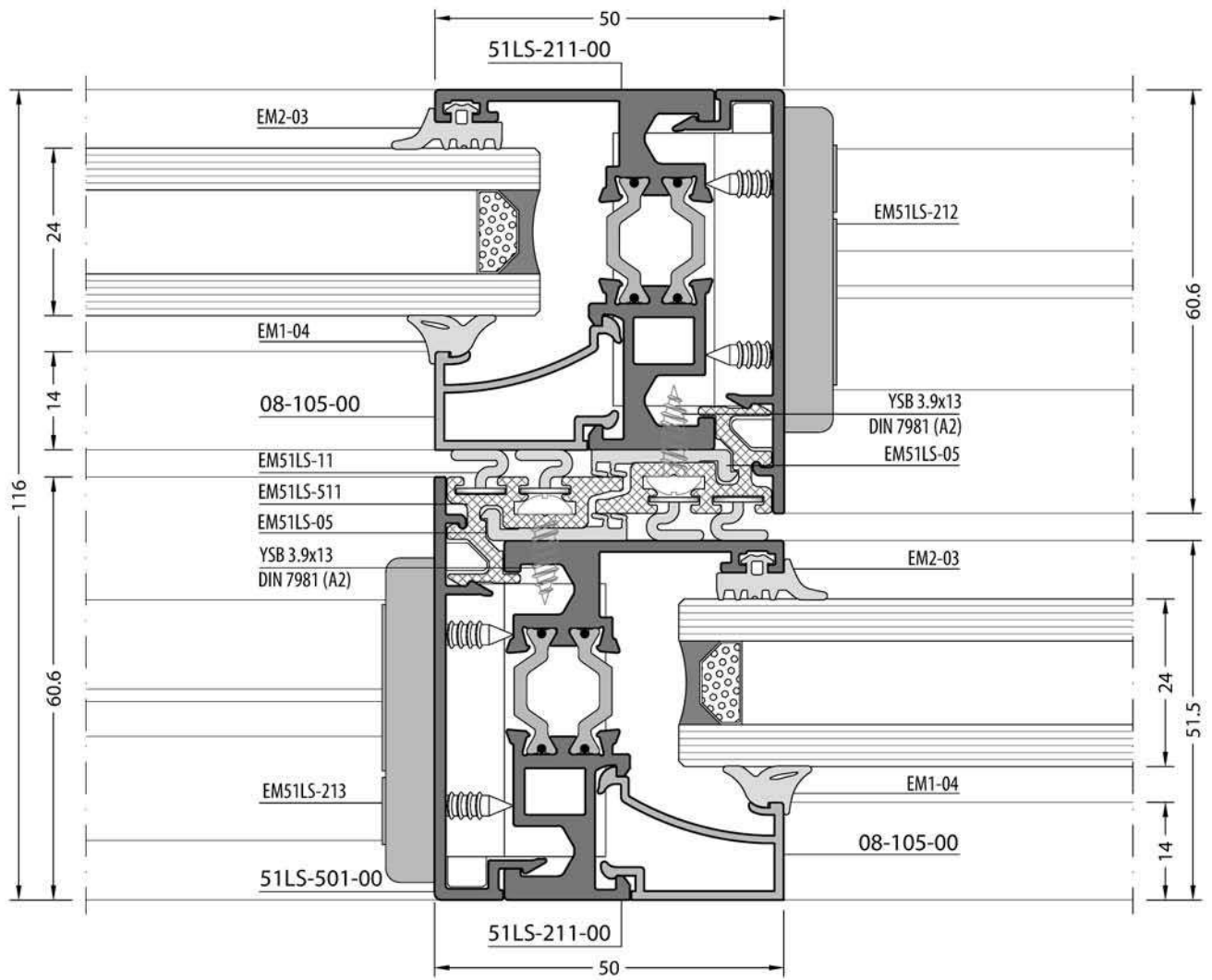
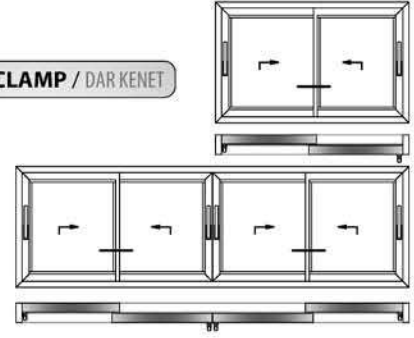


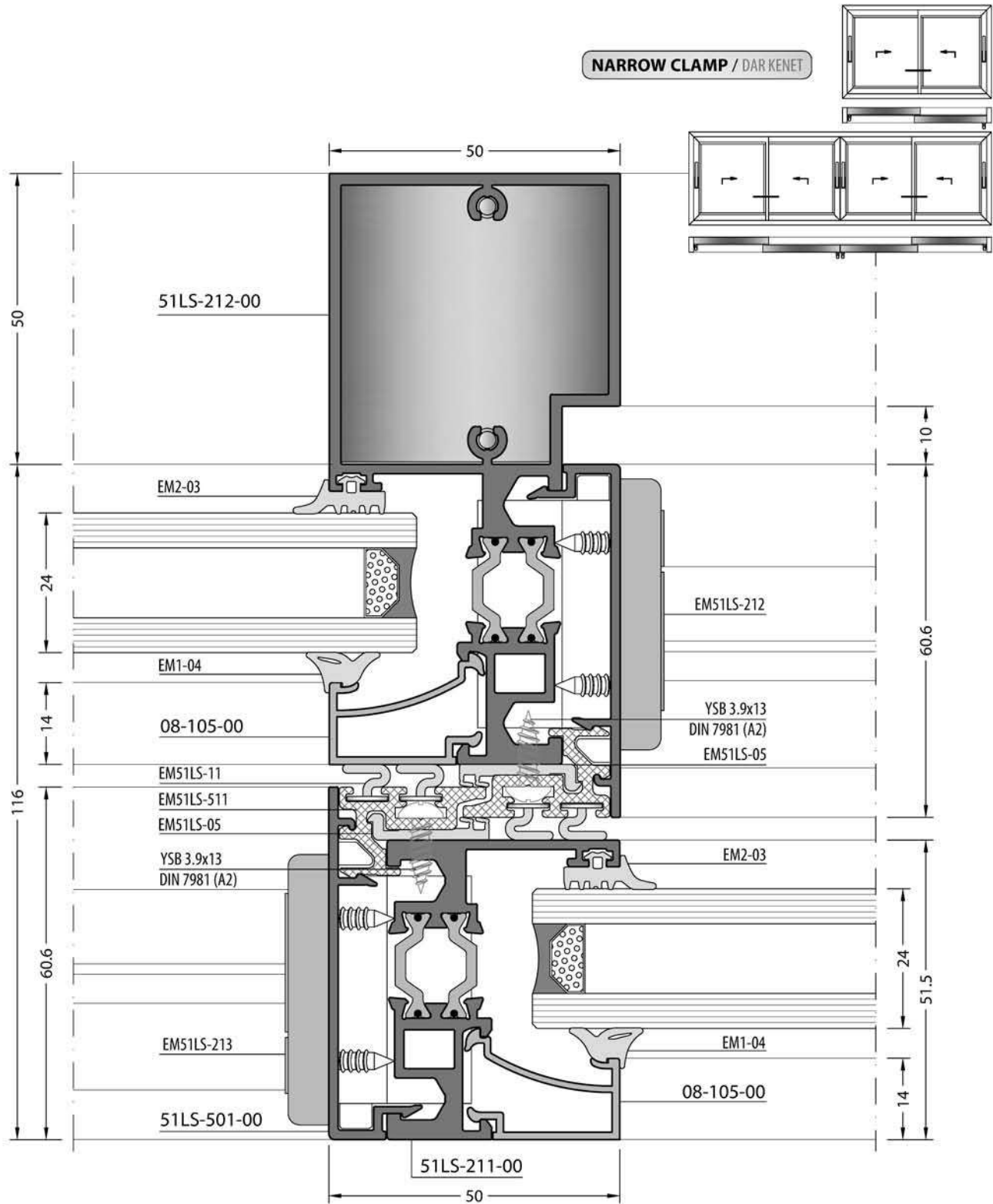




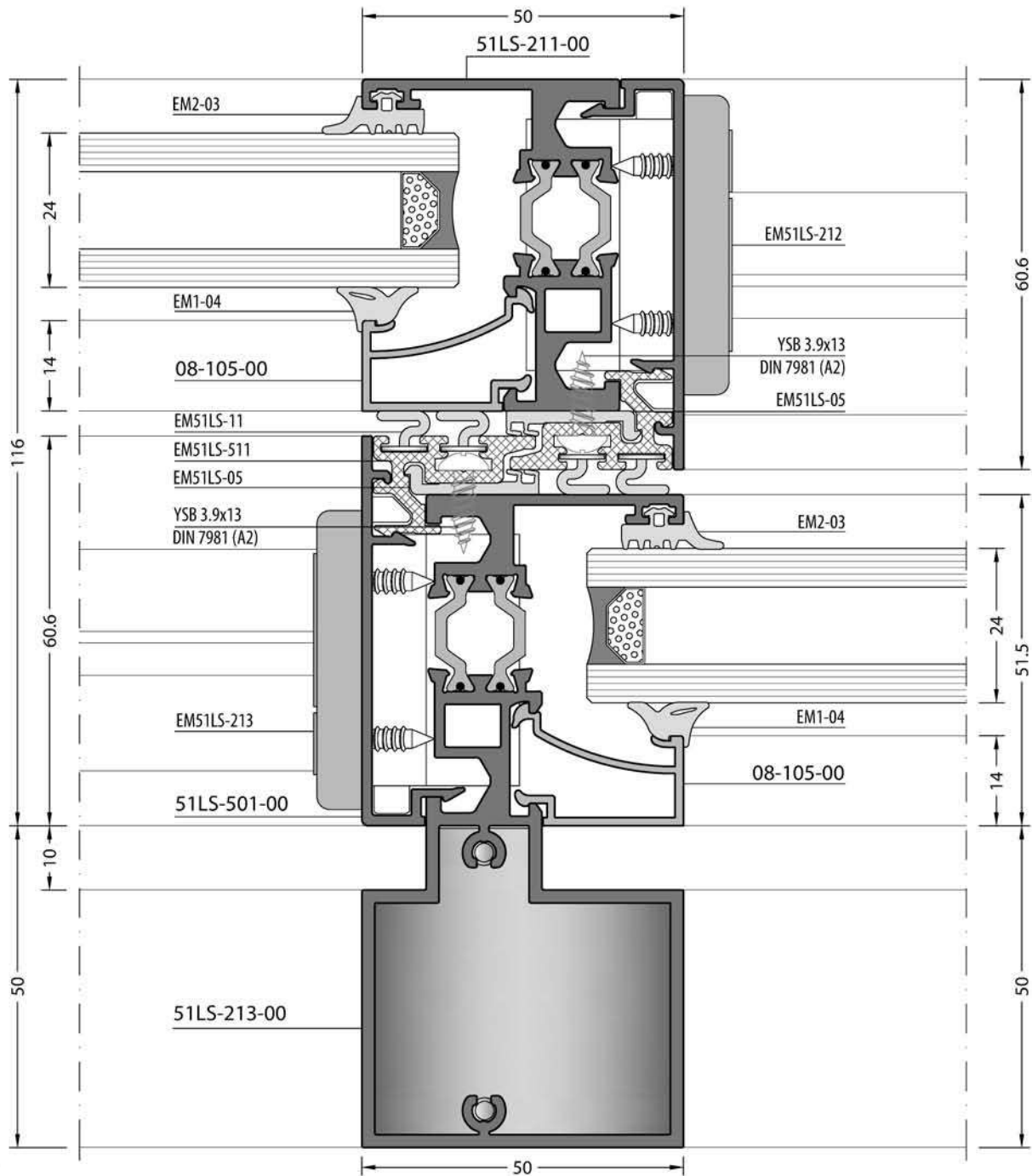
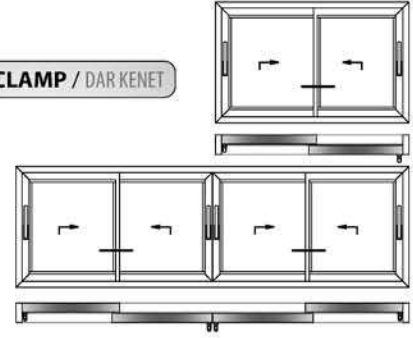


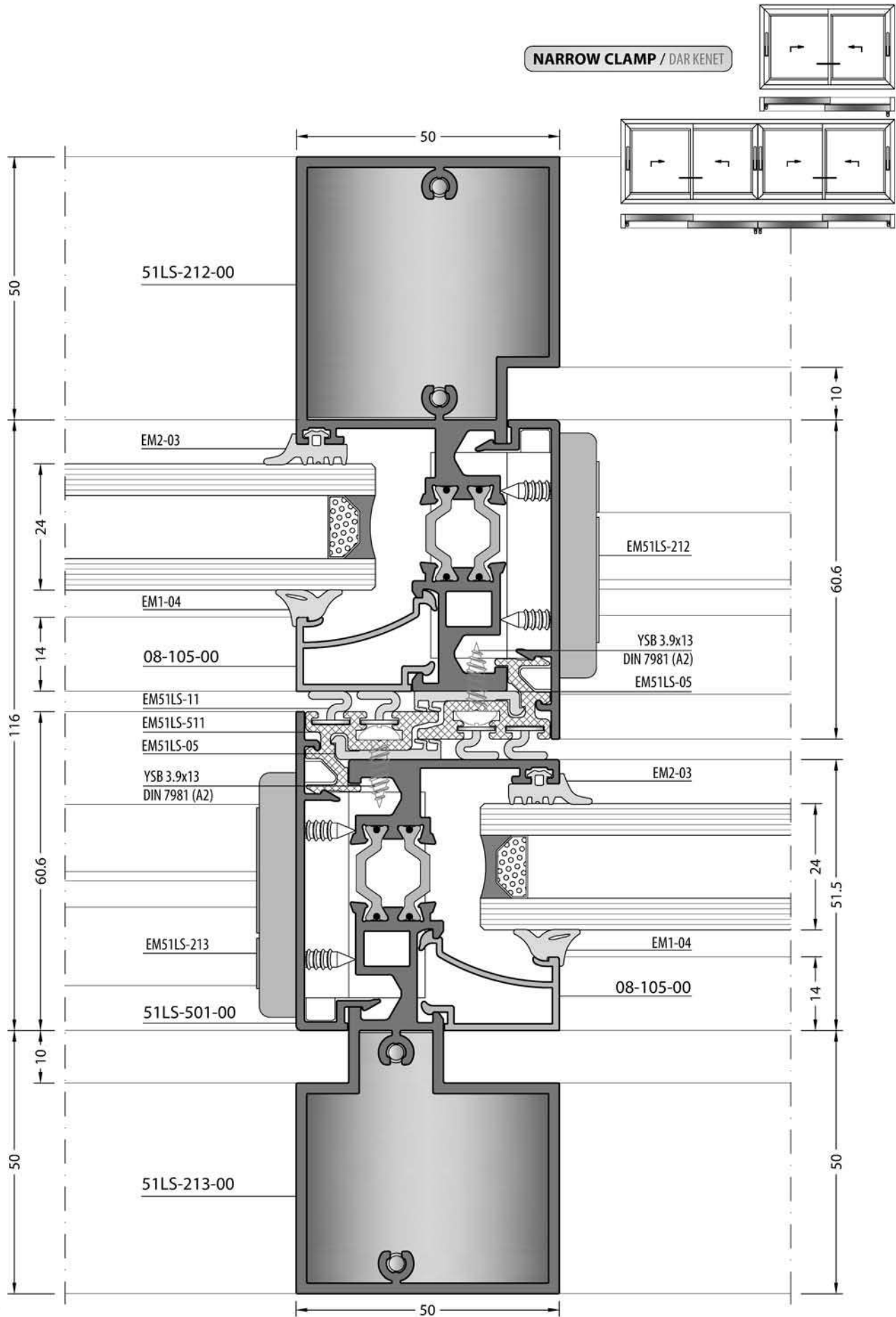
NARROW CLAMP / DAR KENET



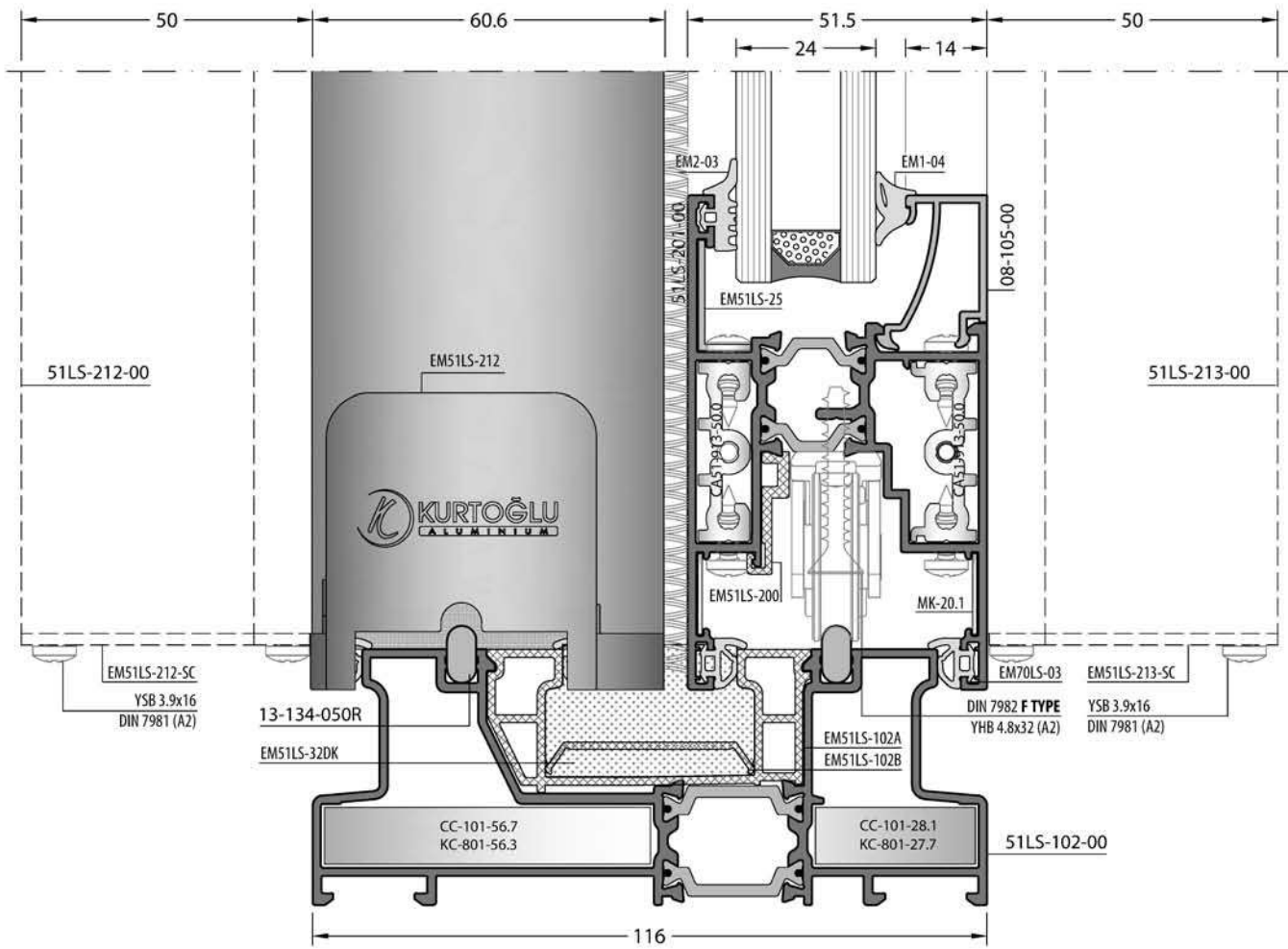
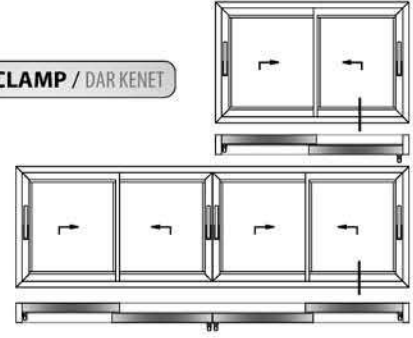


NARROW CLAMP / DAR KENET

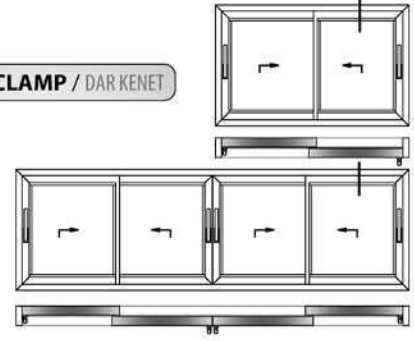




NARROW CLAMP / DAR KENET

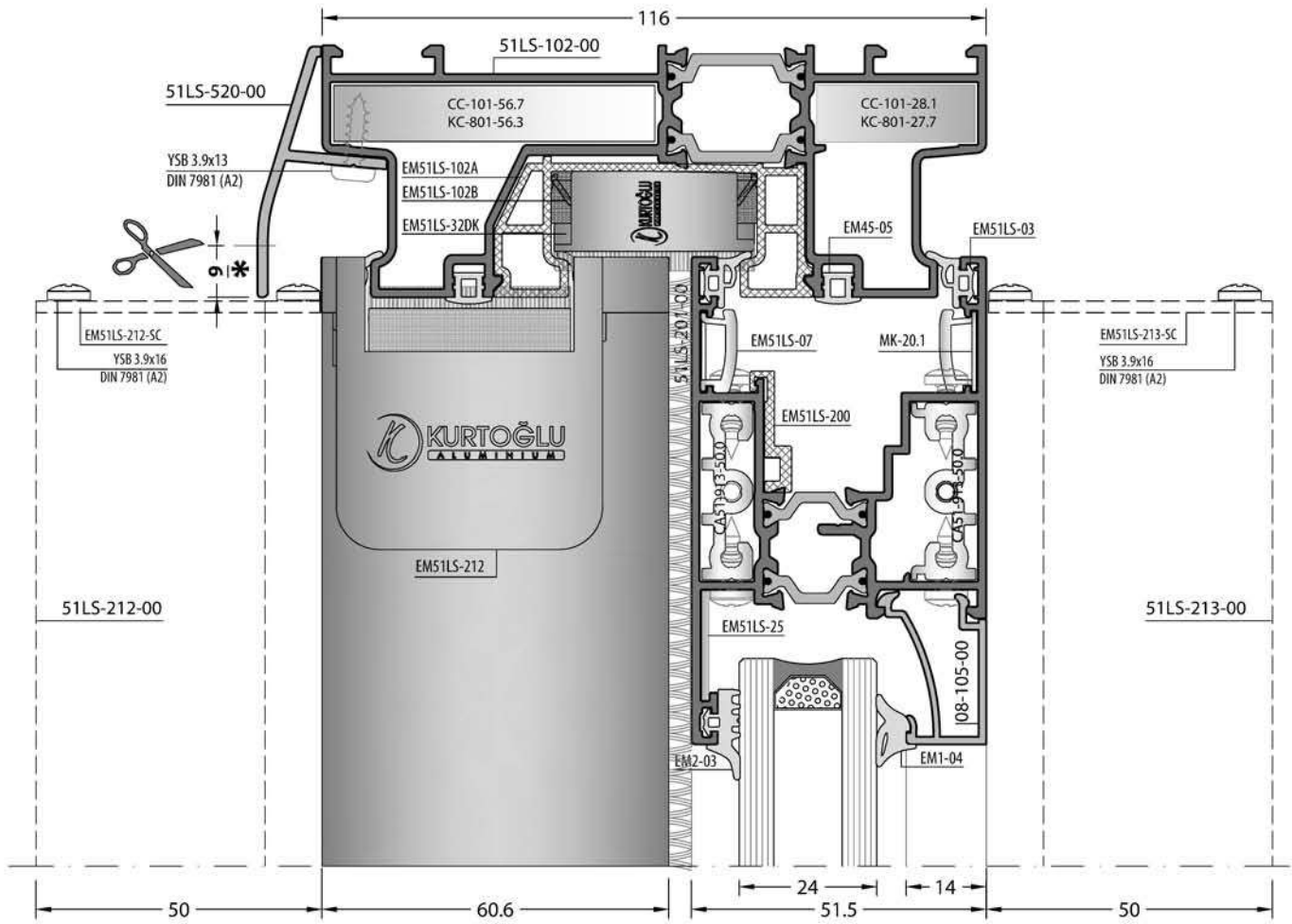


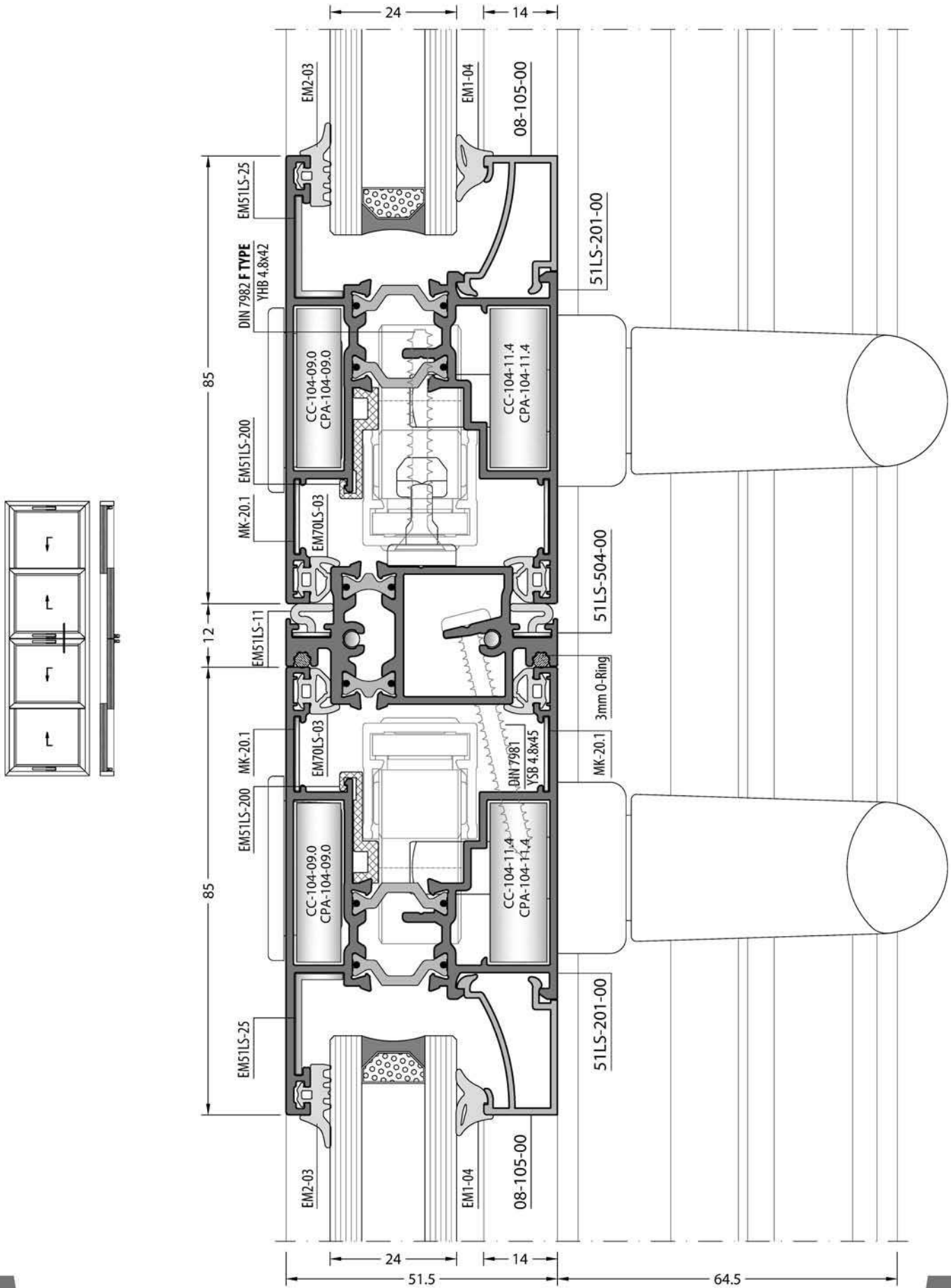
NARROW CLAMP / DAR KENET

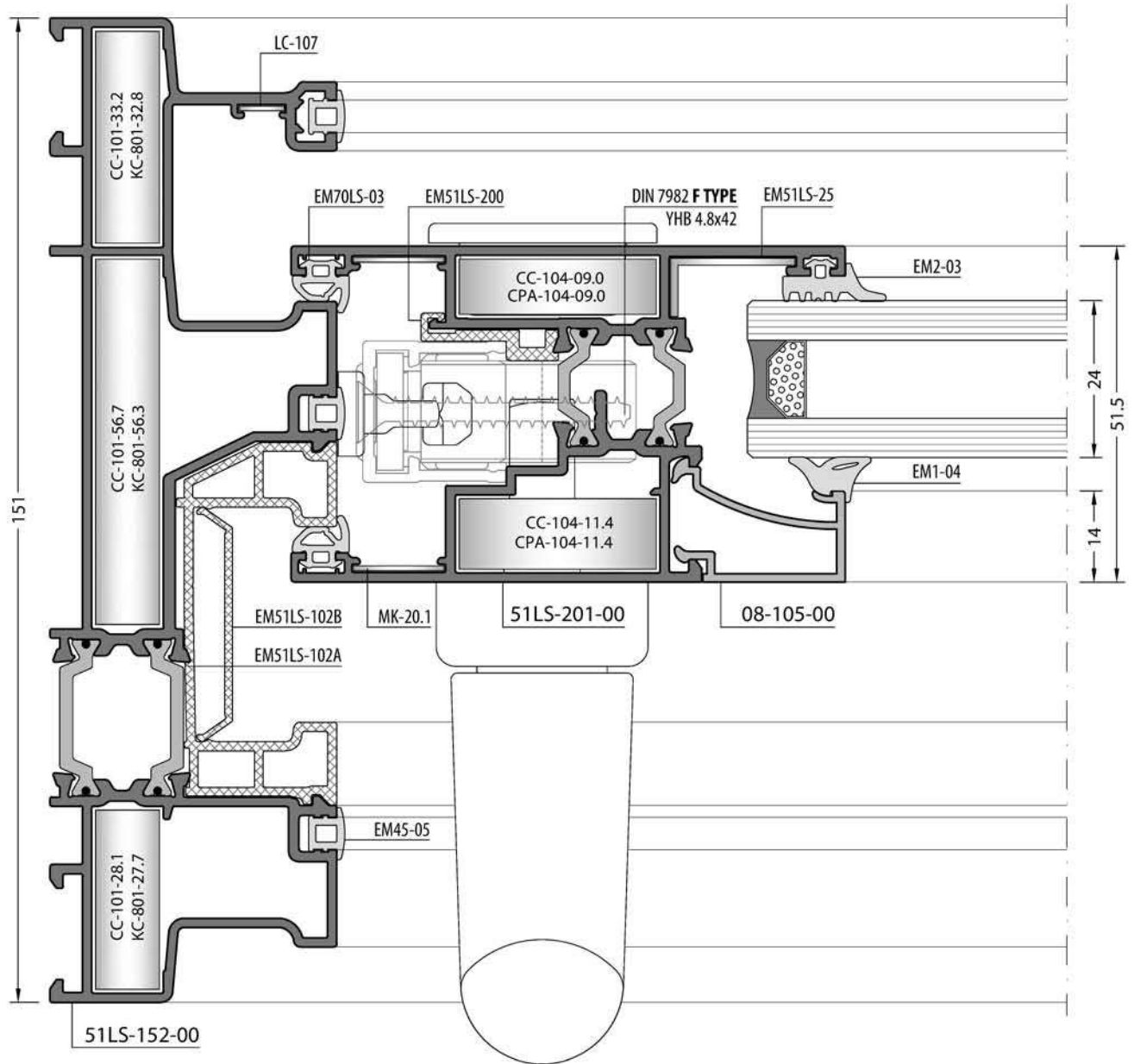
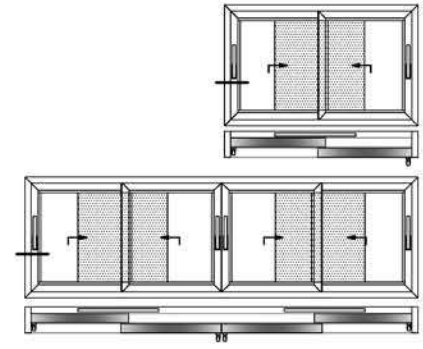


* If outside supported profile (51LS-212-00) used, dropper profile (51LS-520-00) must be cutted.

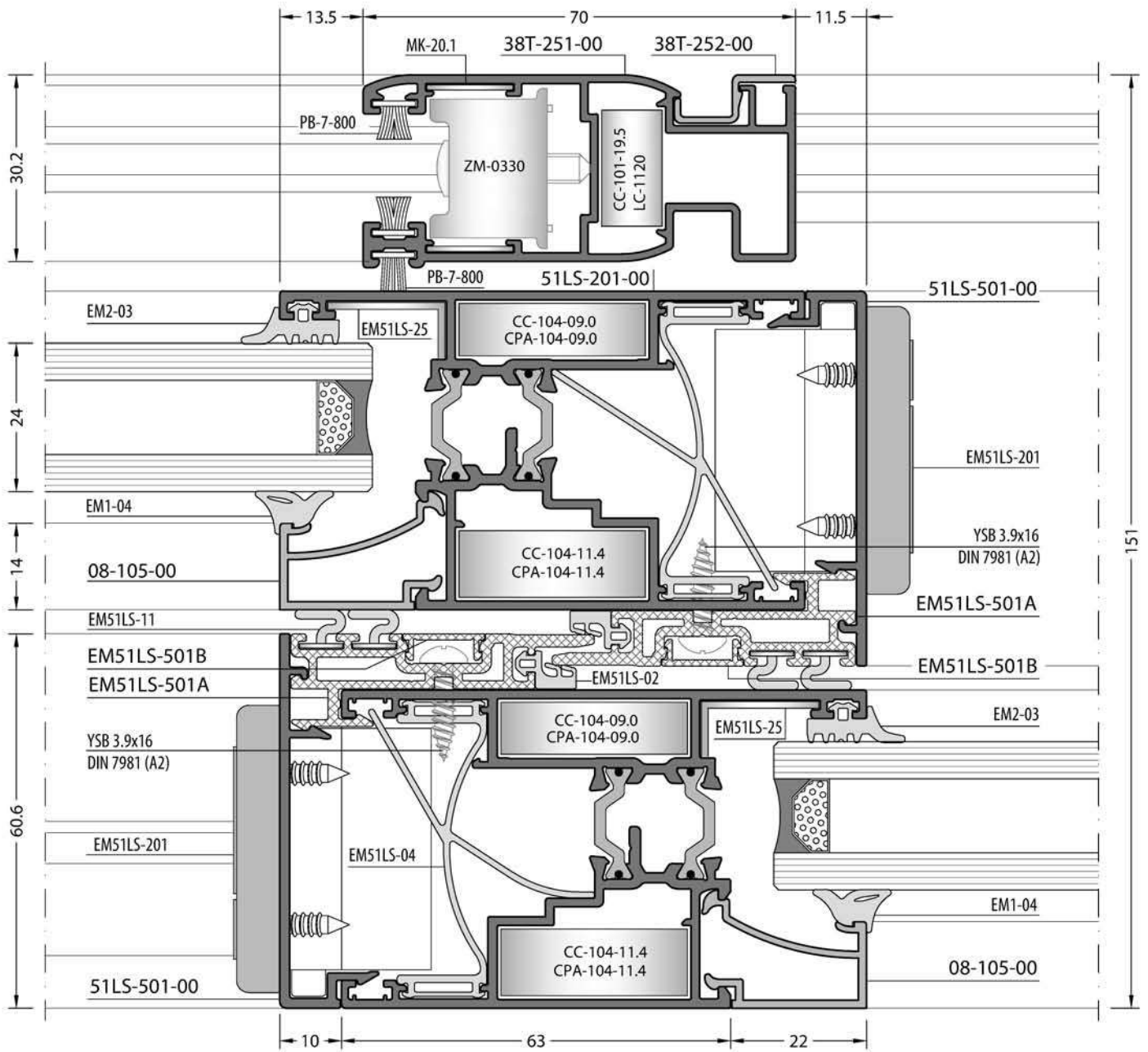
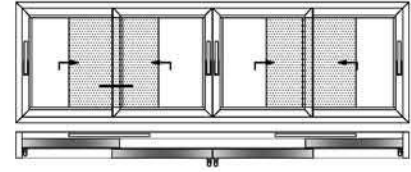
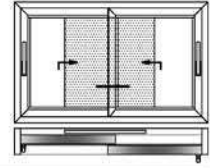
Dışta takviyeli profil (51LS-212-00) varsa damlalık profili (51LS-520-00) kesilmelidir.
Needs touch-up paint / Rütüş boyası gereklidir.

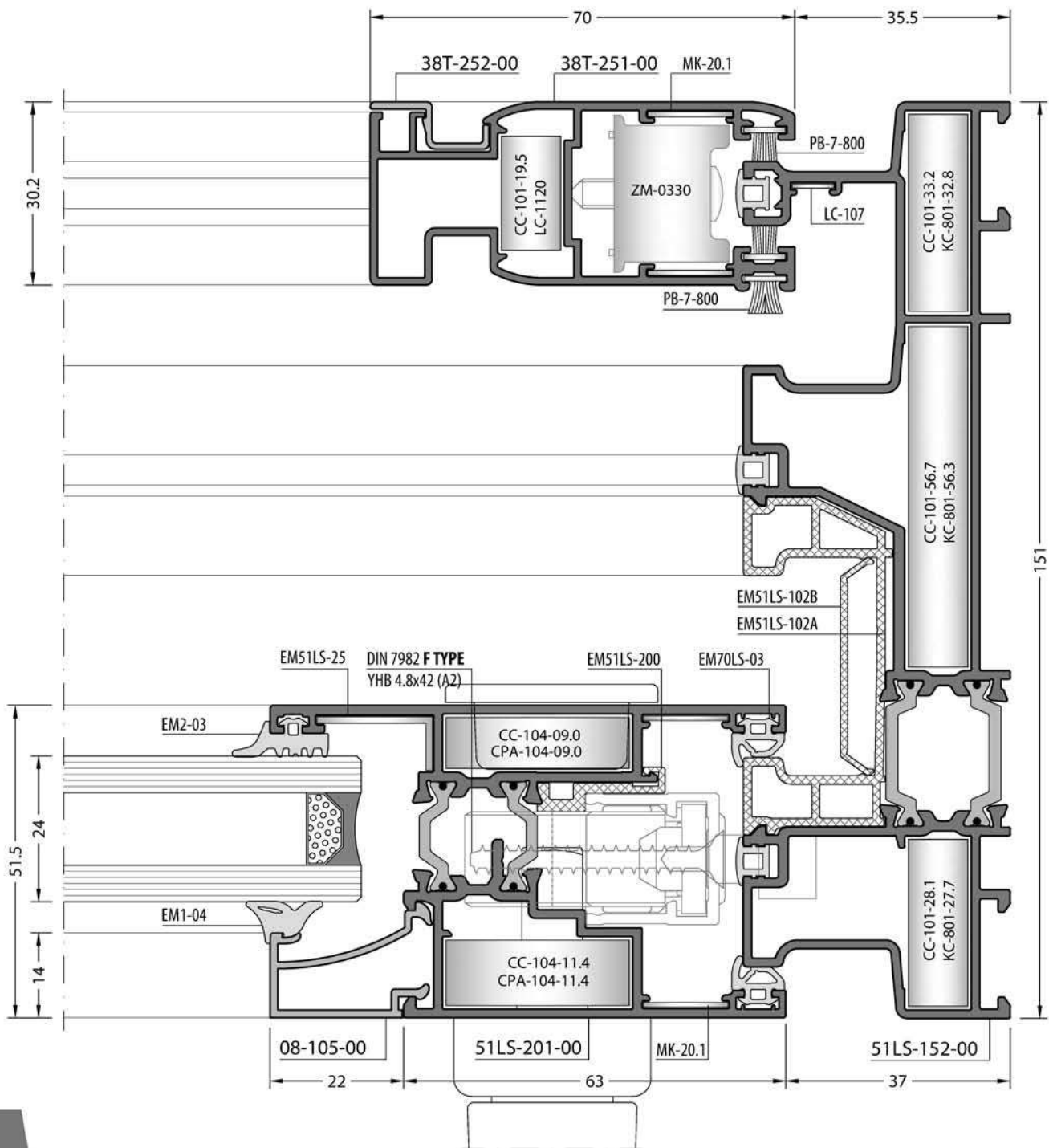
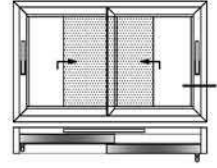


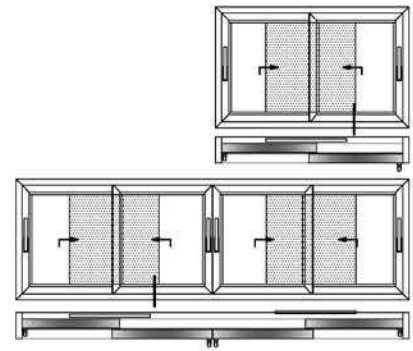


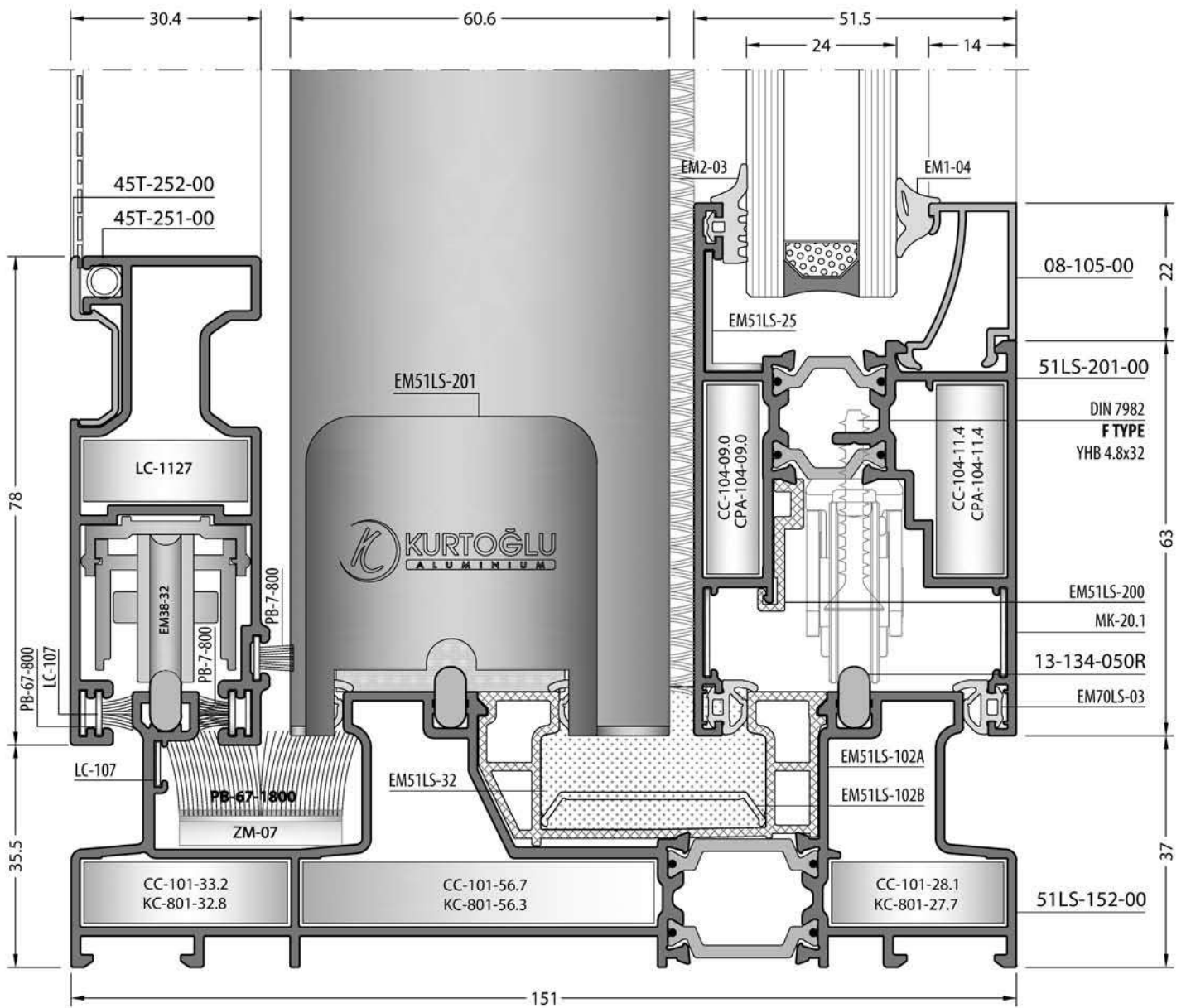
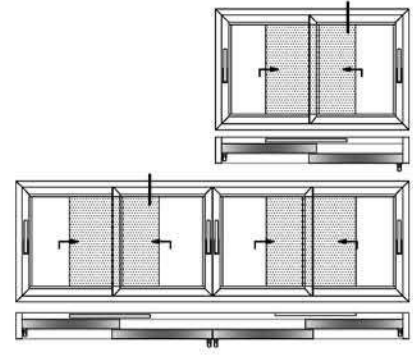


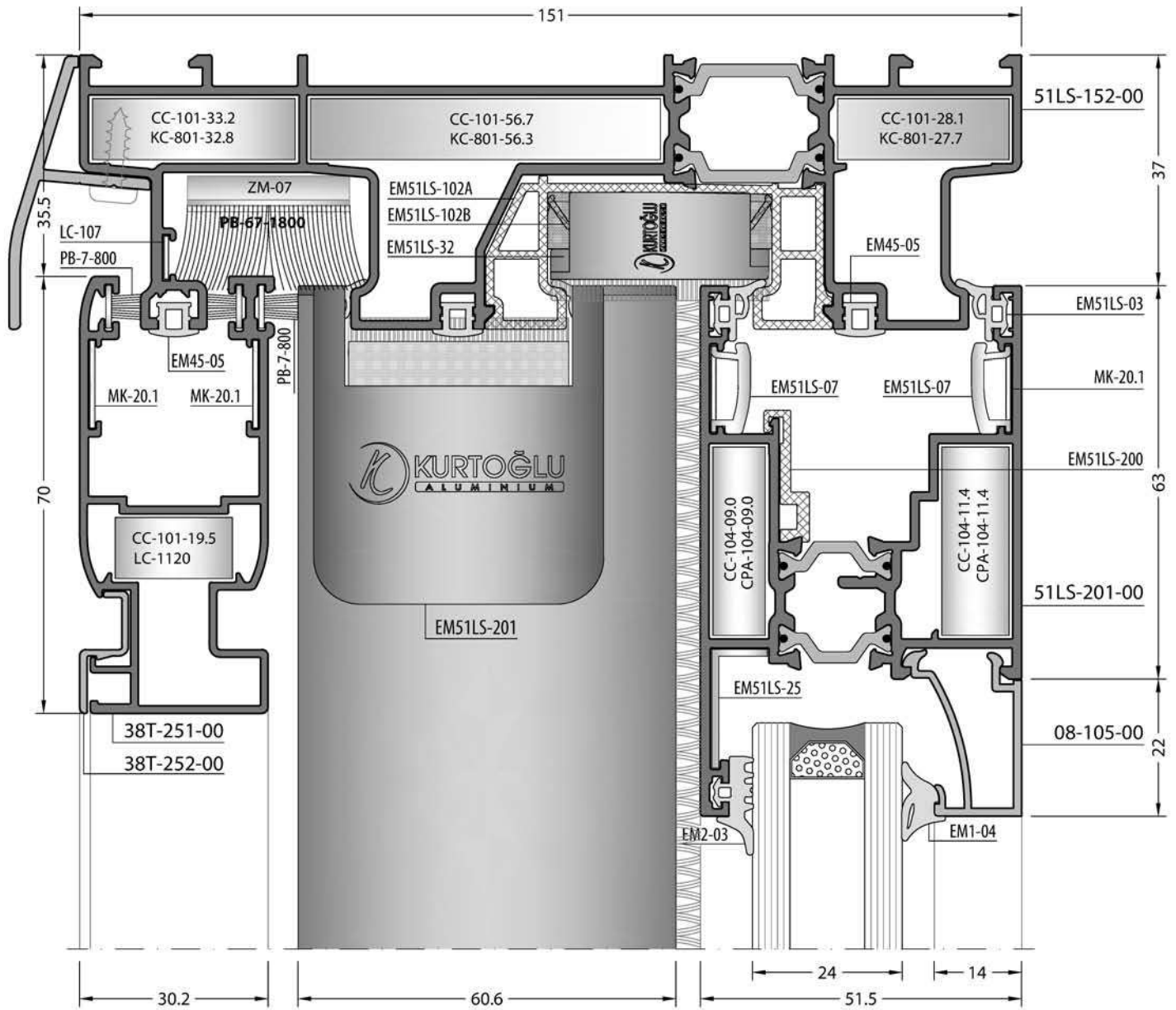
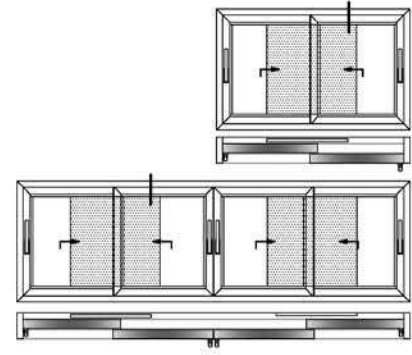
STANDARD CLAMP
STANDART KENET

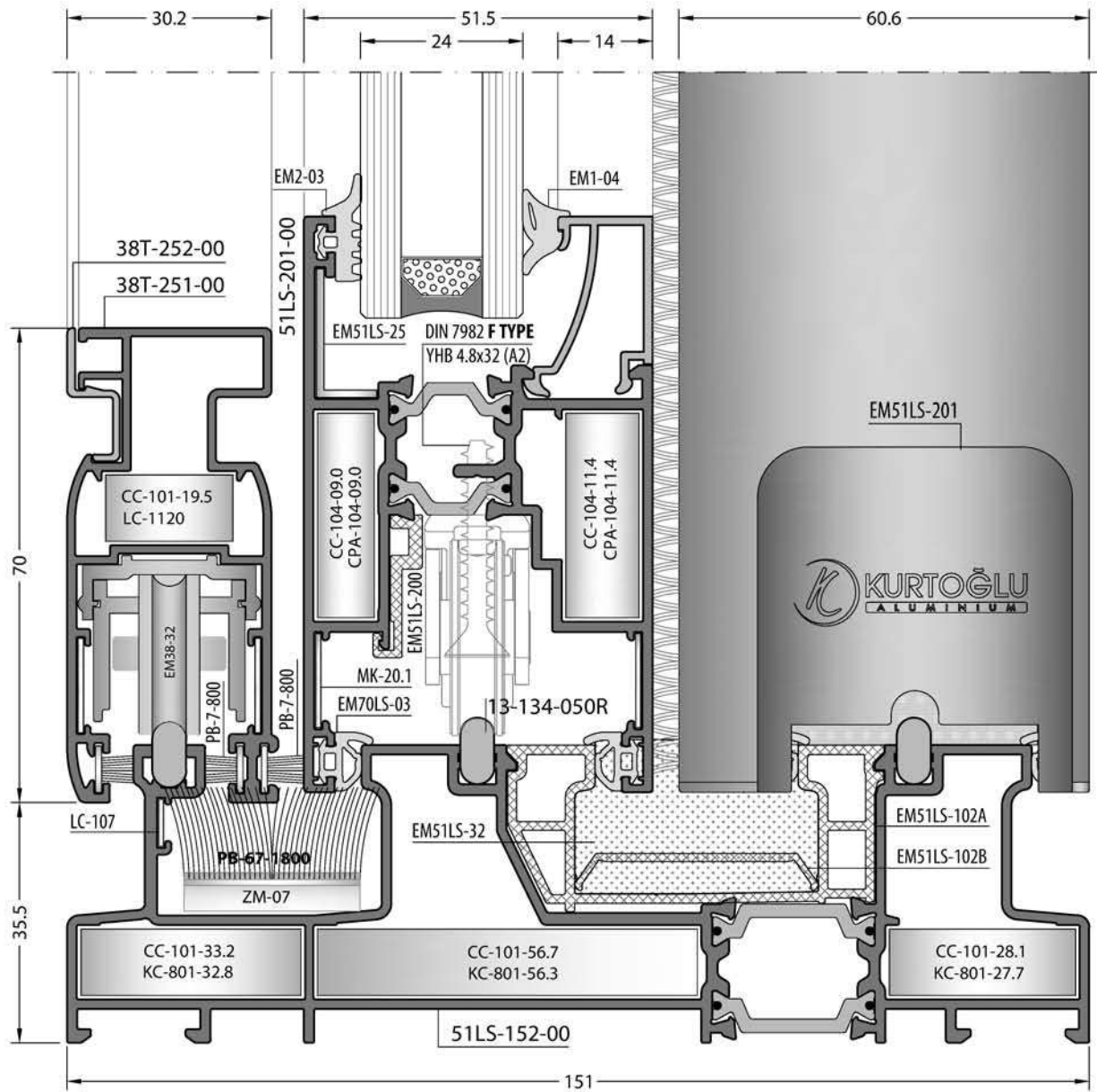
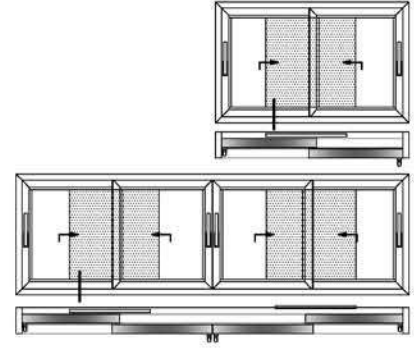


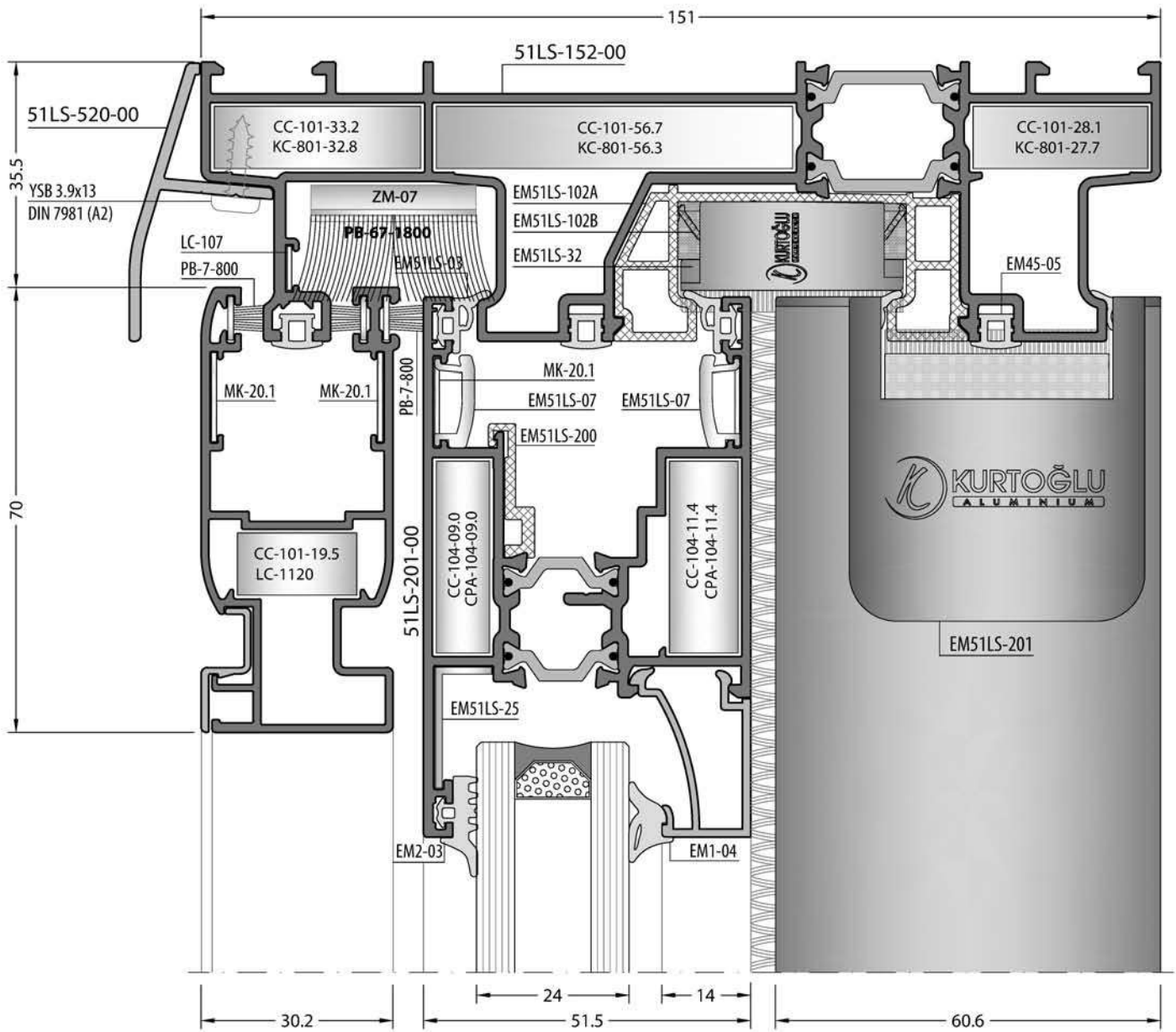
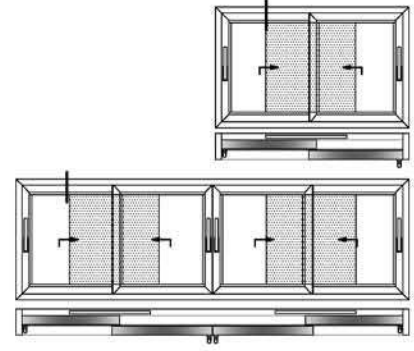




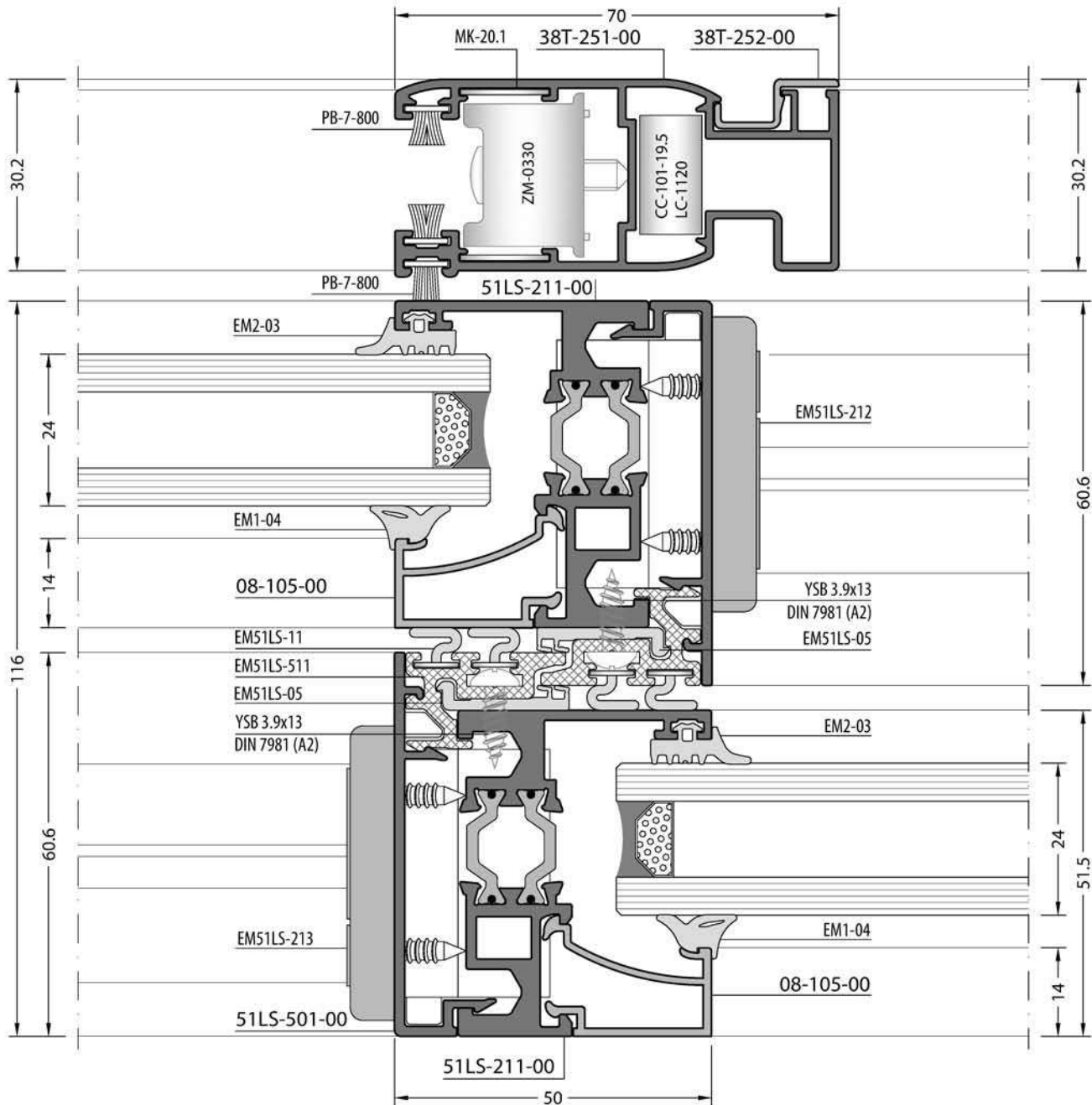
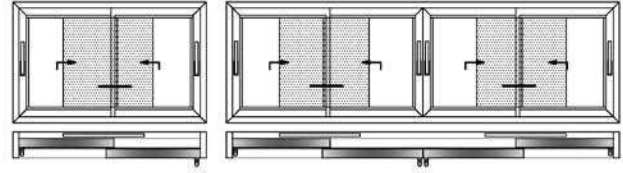




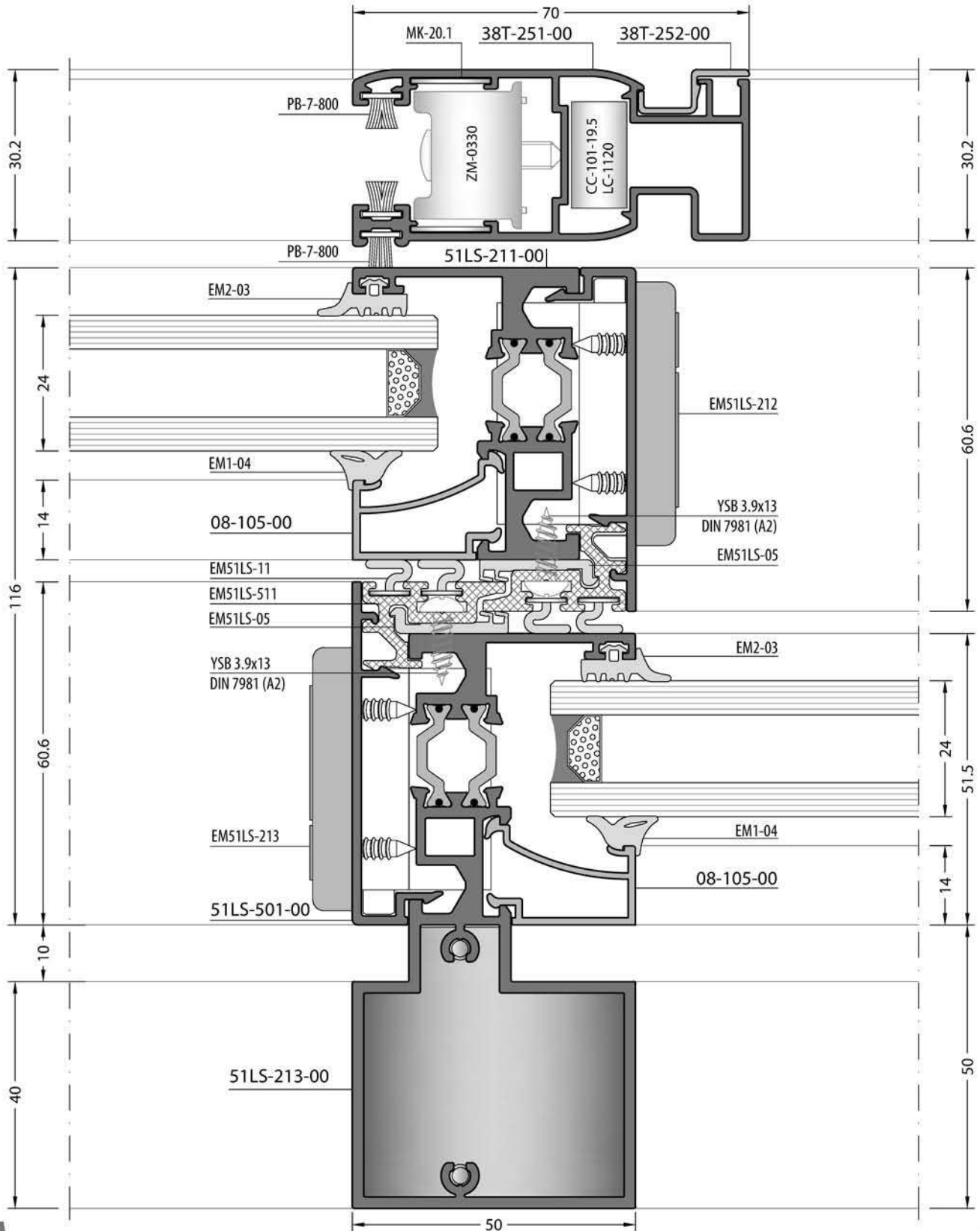
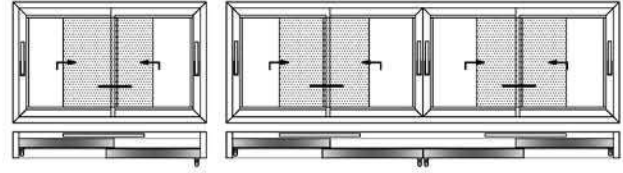


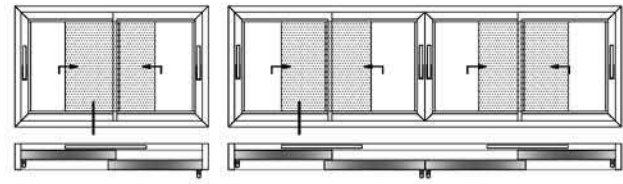


NARROW CLAMP / DAR KENET

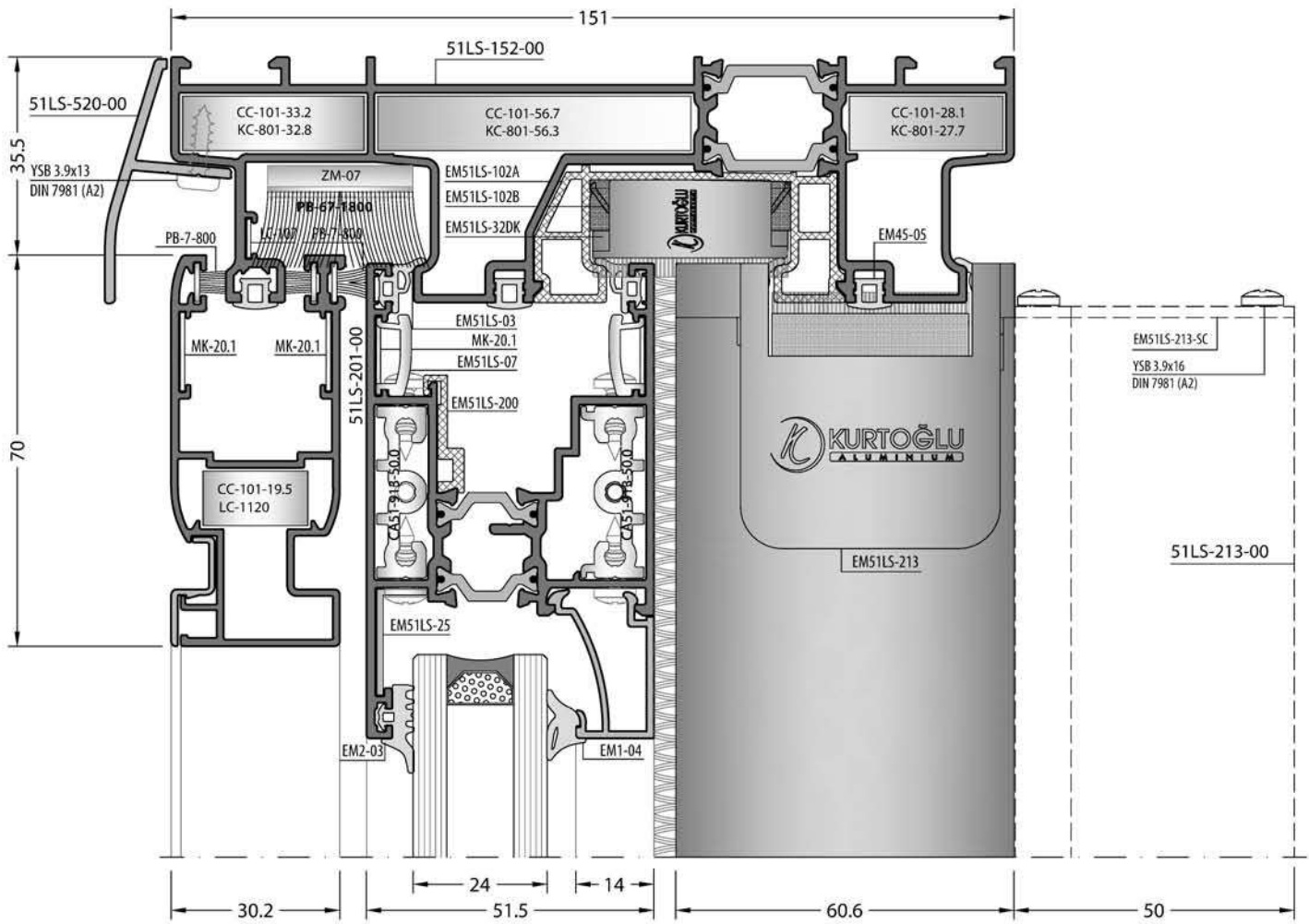
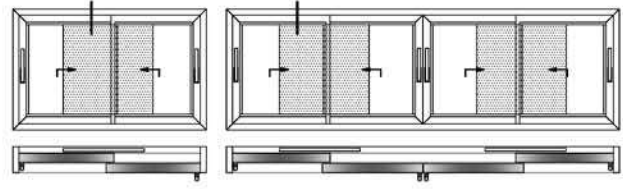


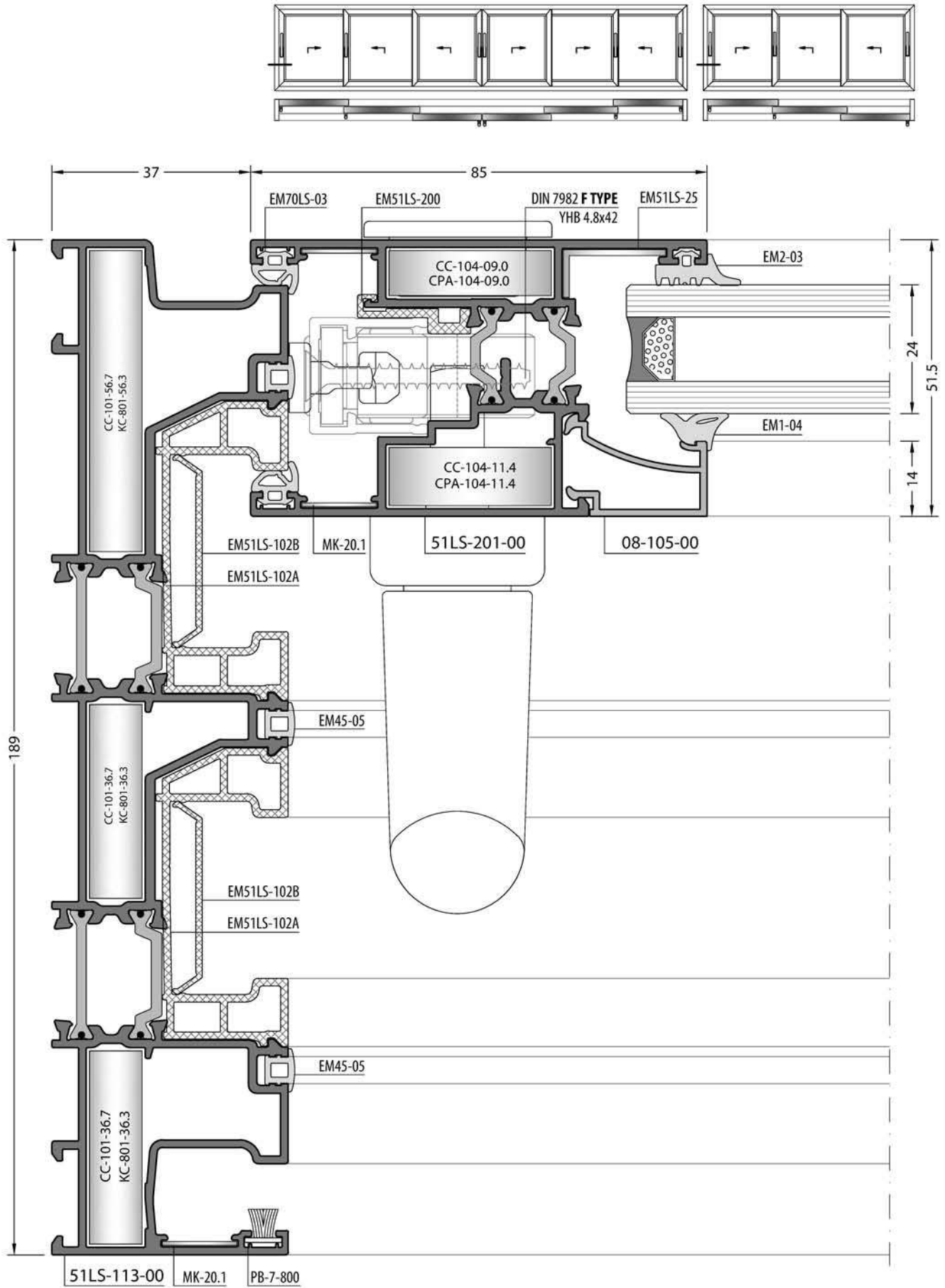
NARROW CLAMP / DAR KENET

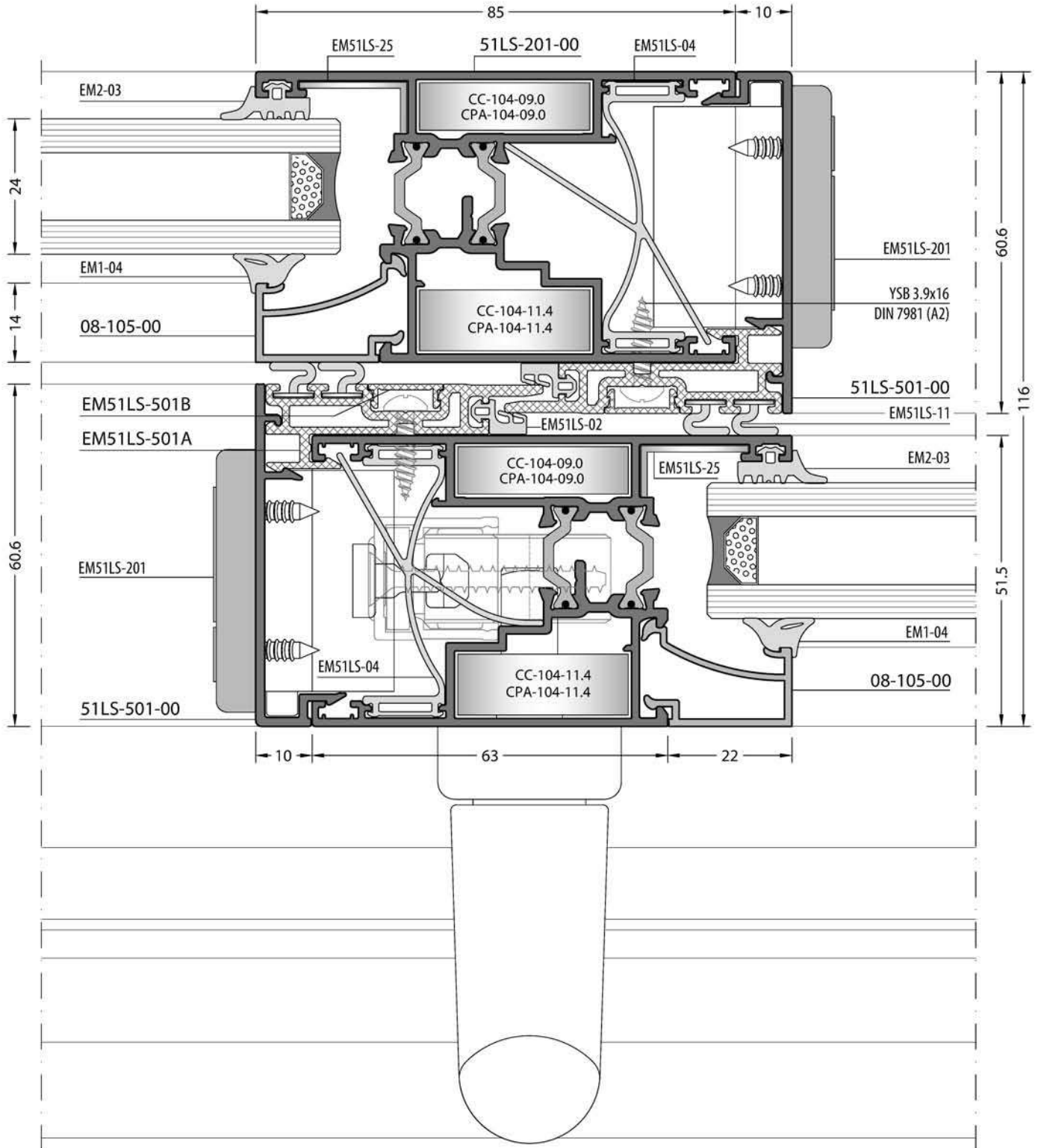
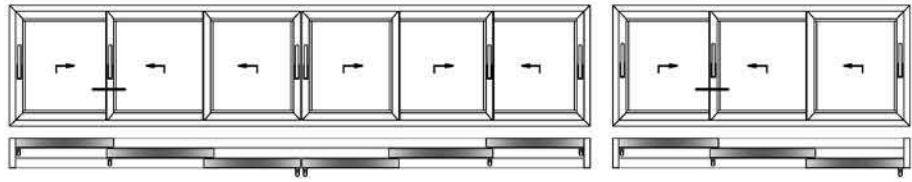




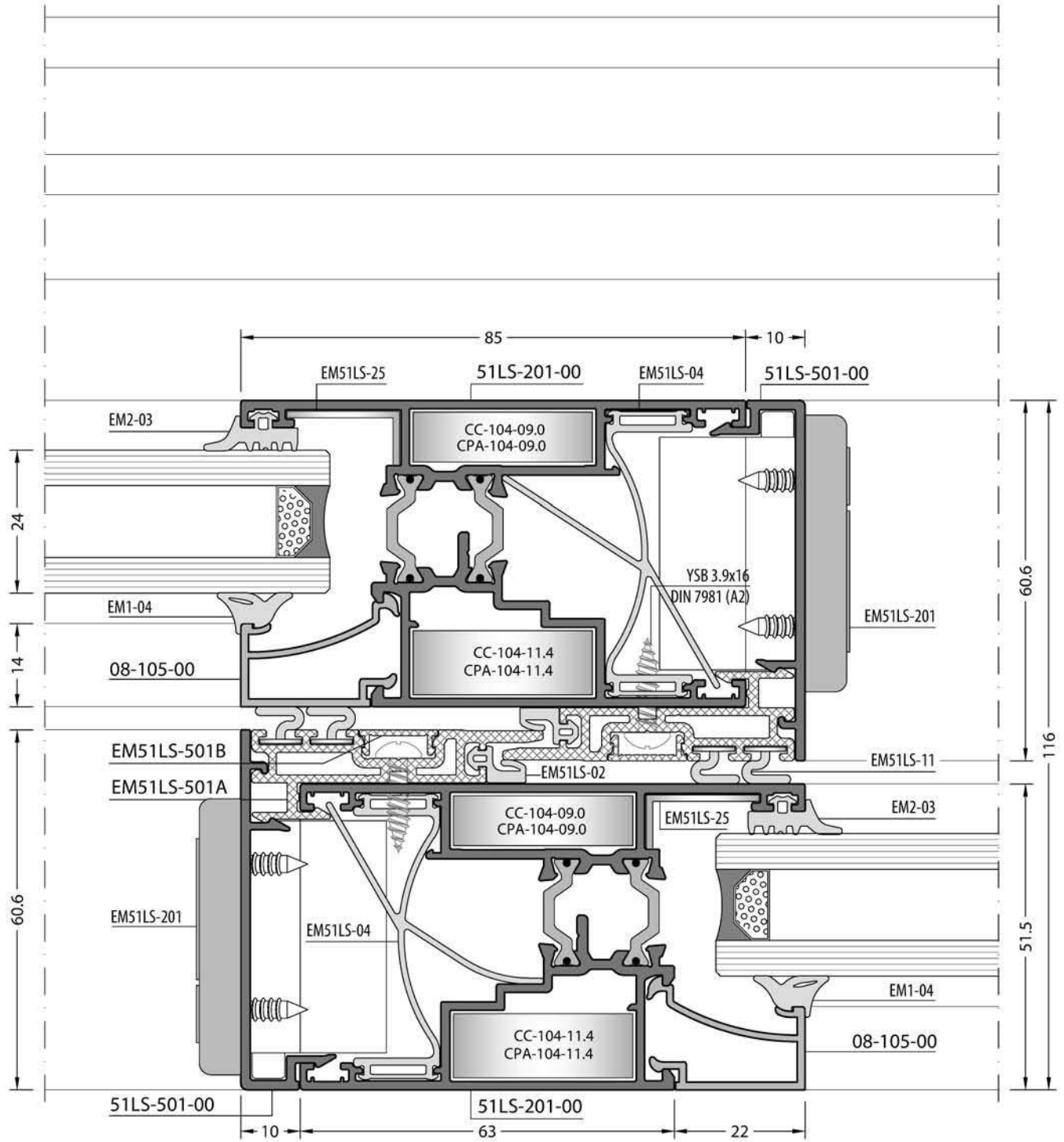
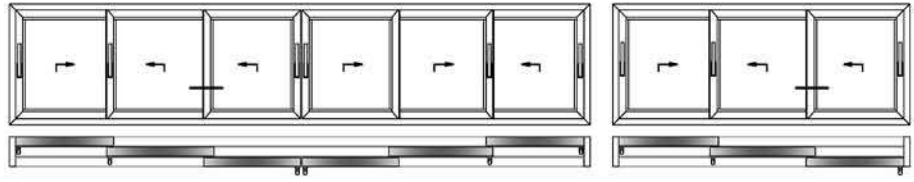
NARROW CLAMP / DAR KENET

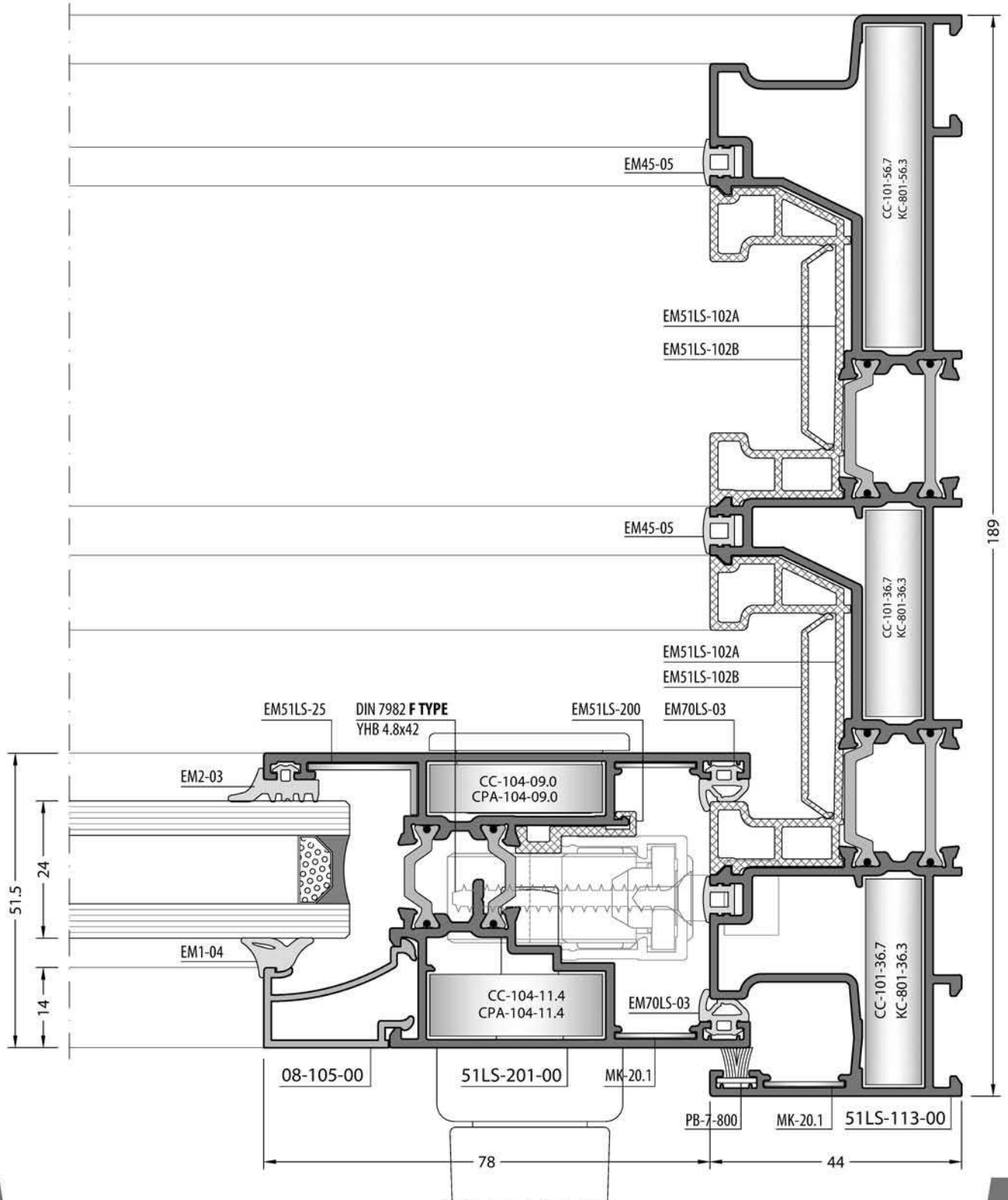
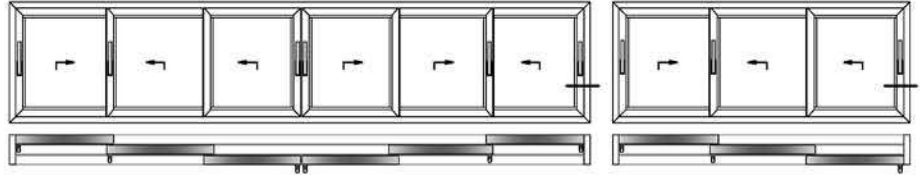


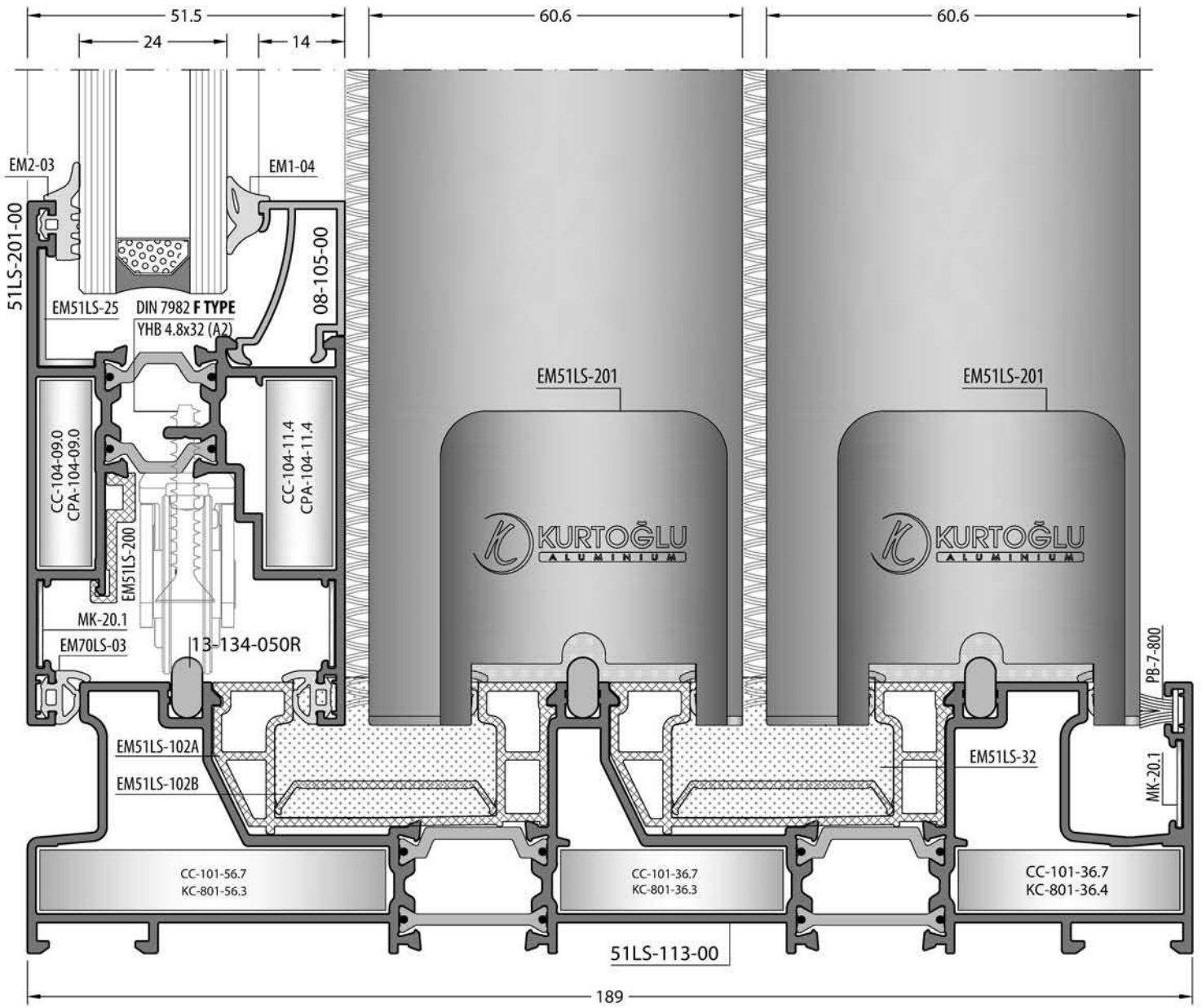
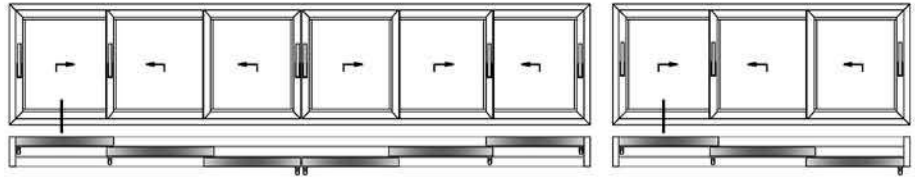


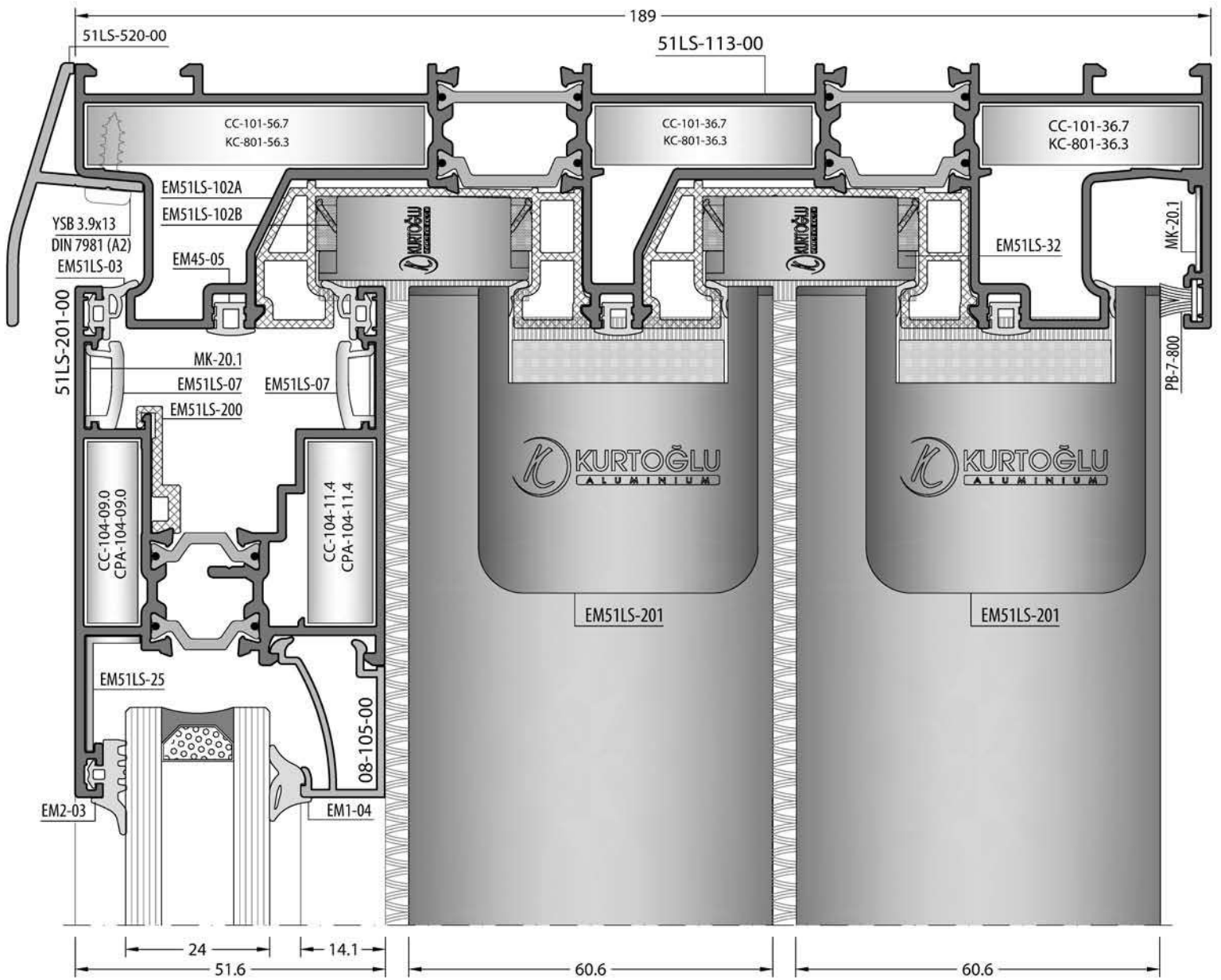
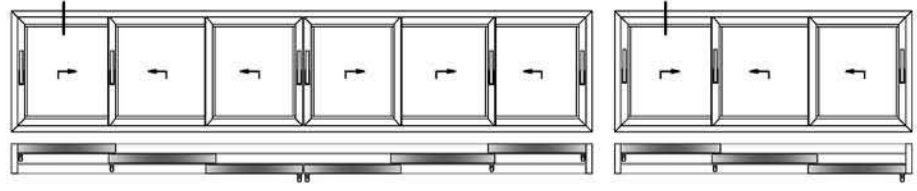
STANDARD CLAMP
STANDART KENET

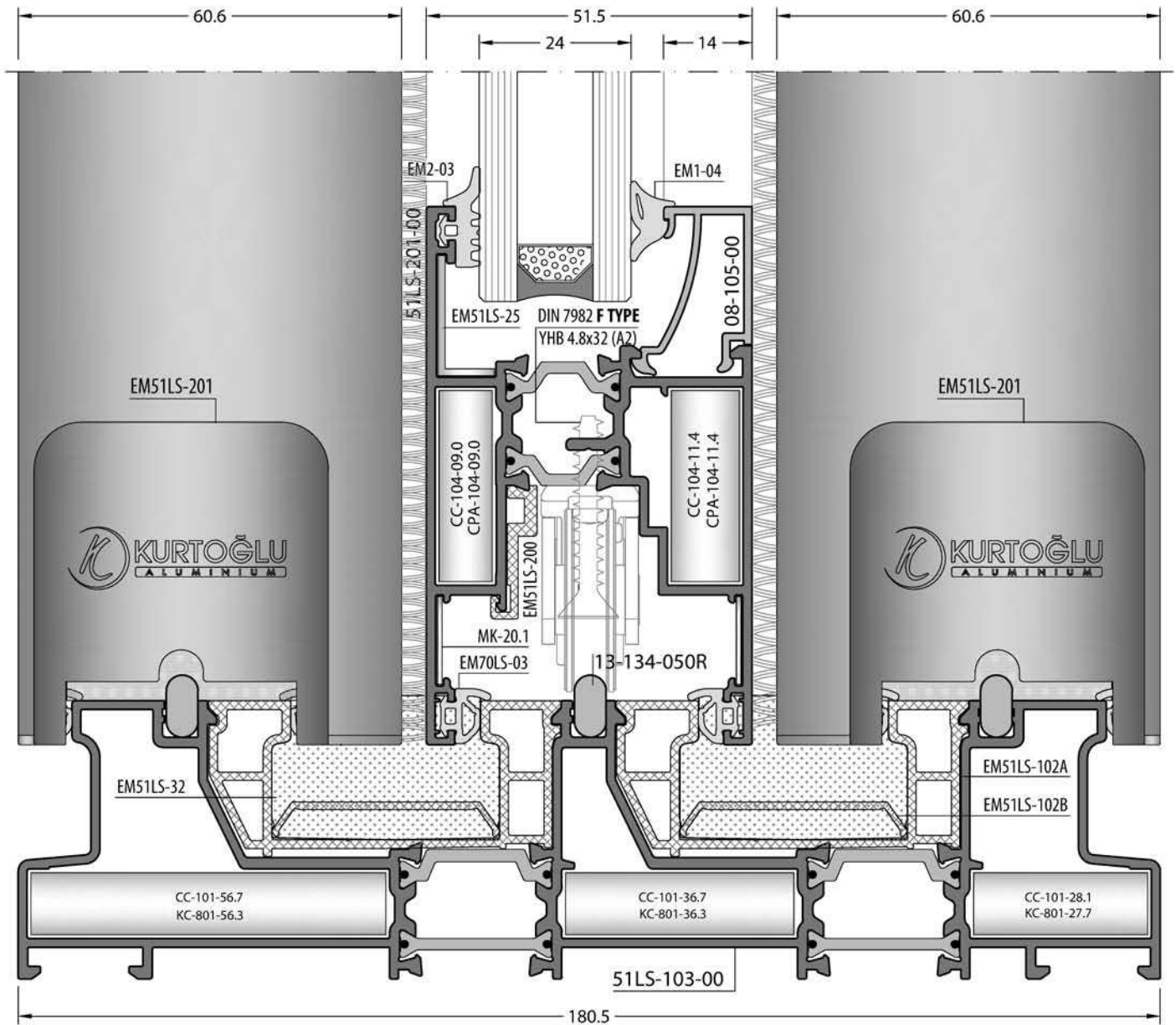
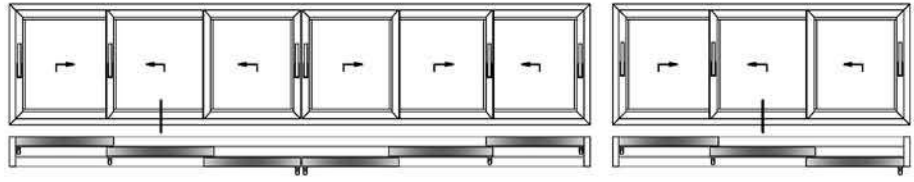
STANDARD CLAMP
STANDART KENET

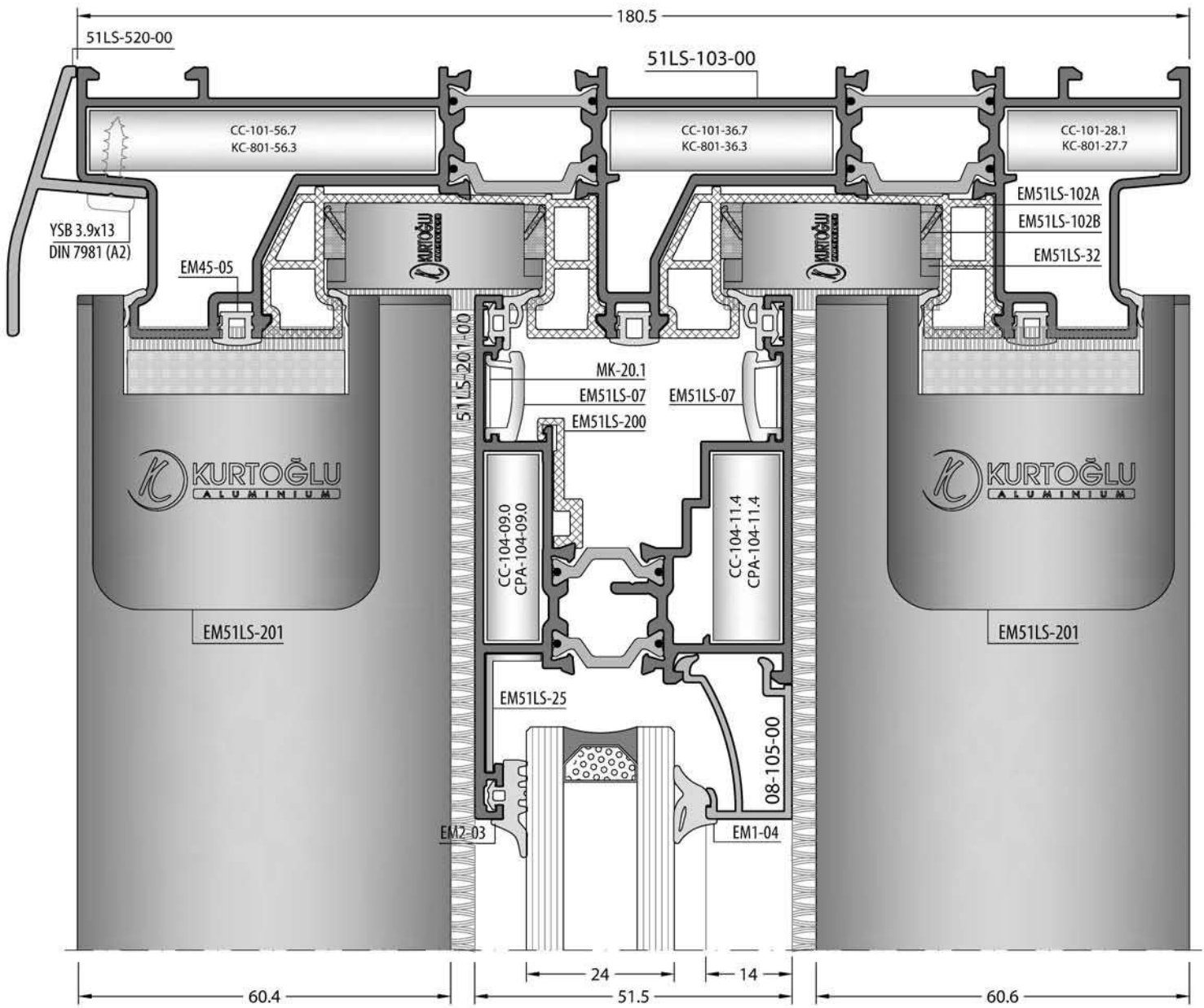
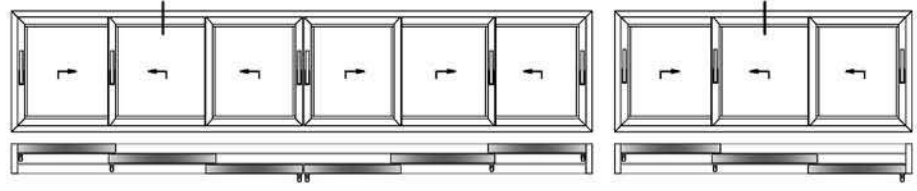


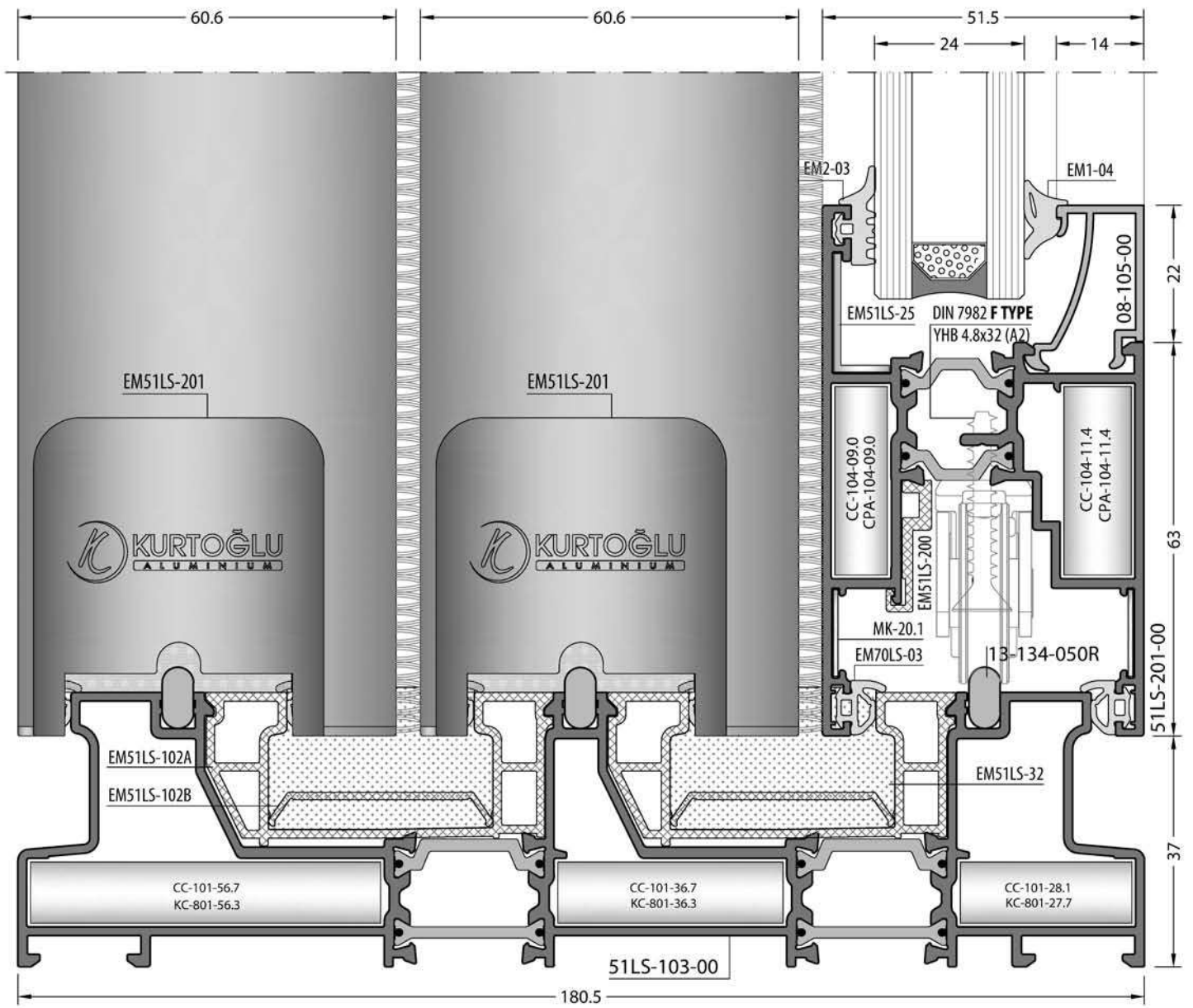
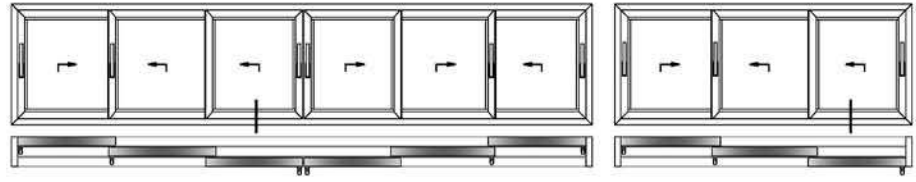


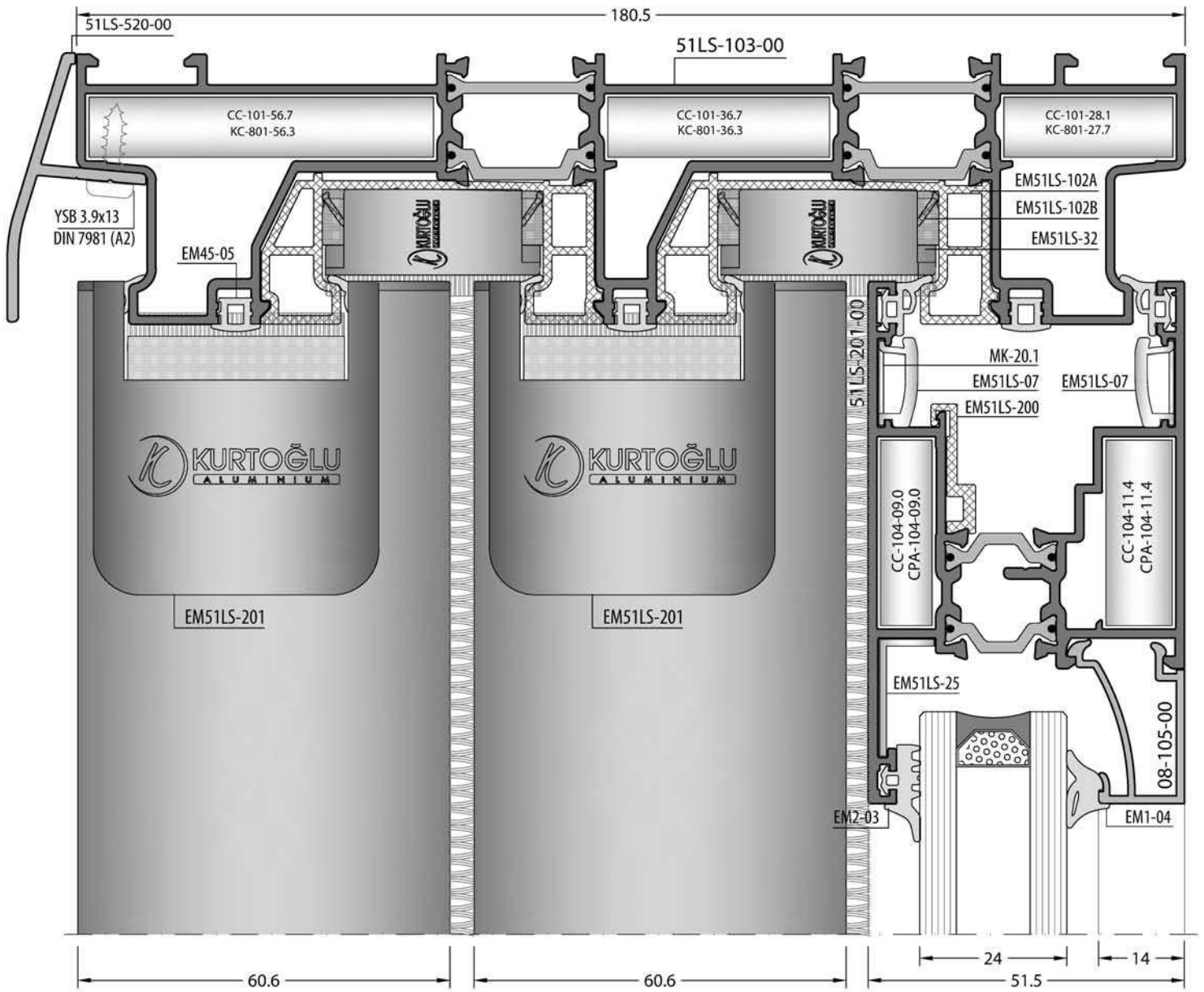
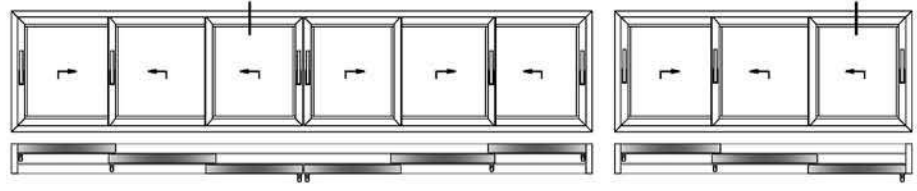


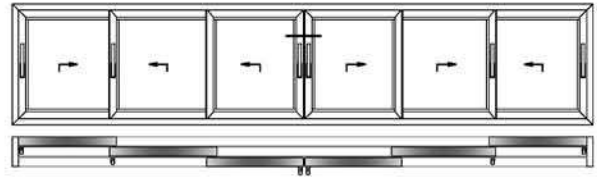


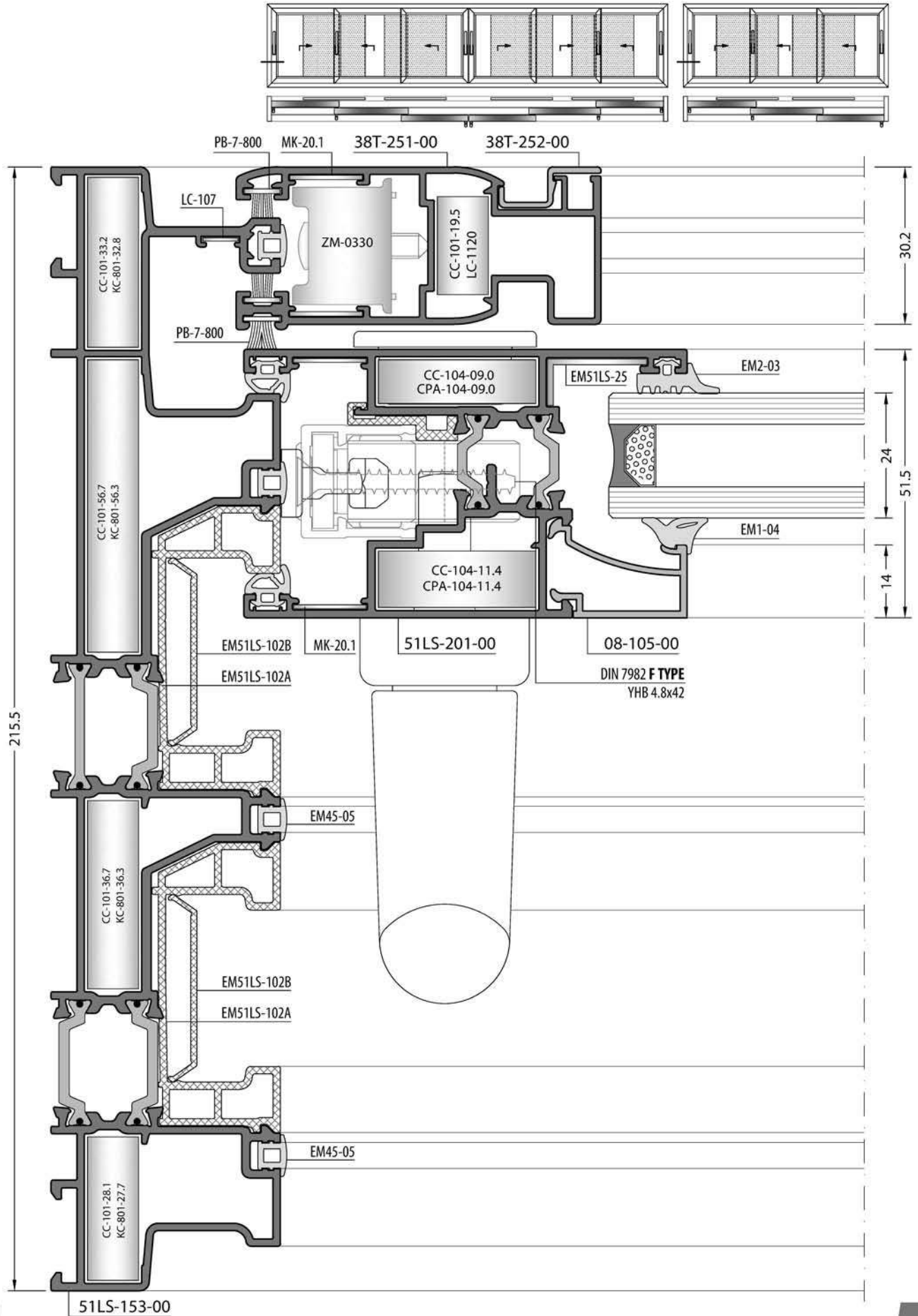




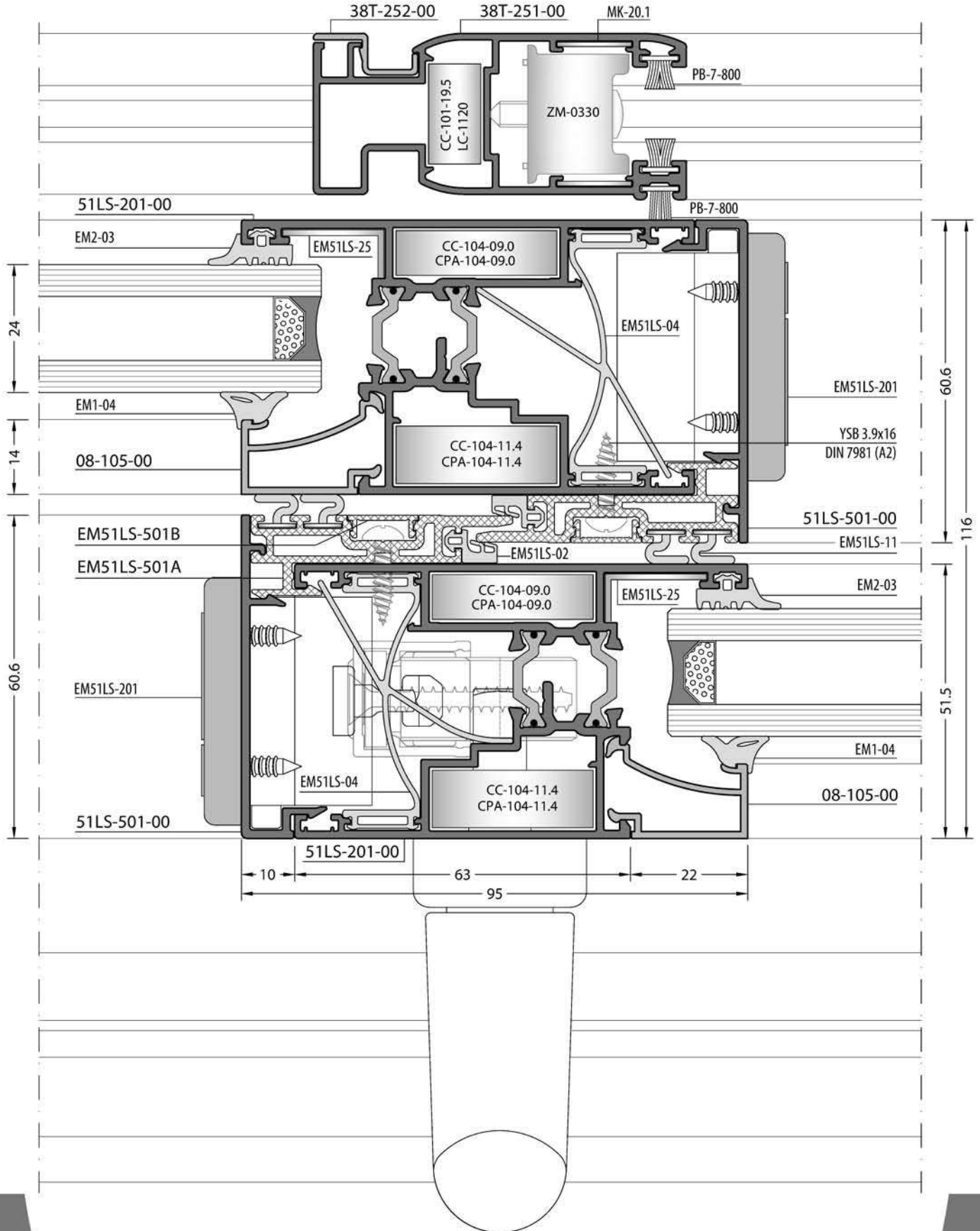
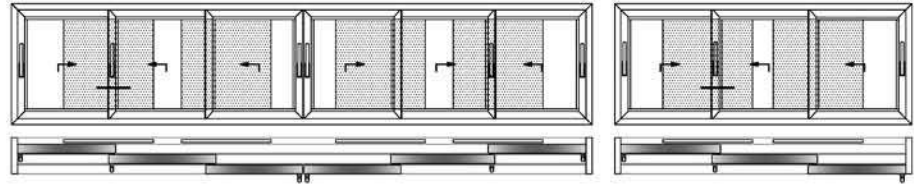


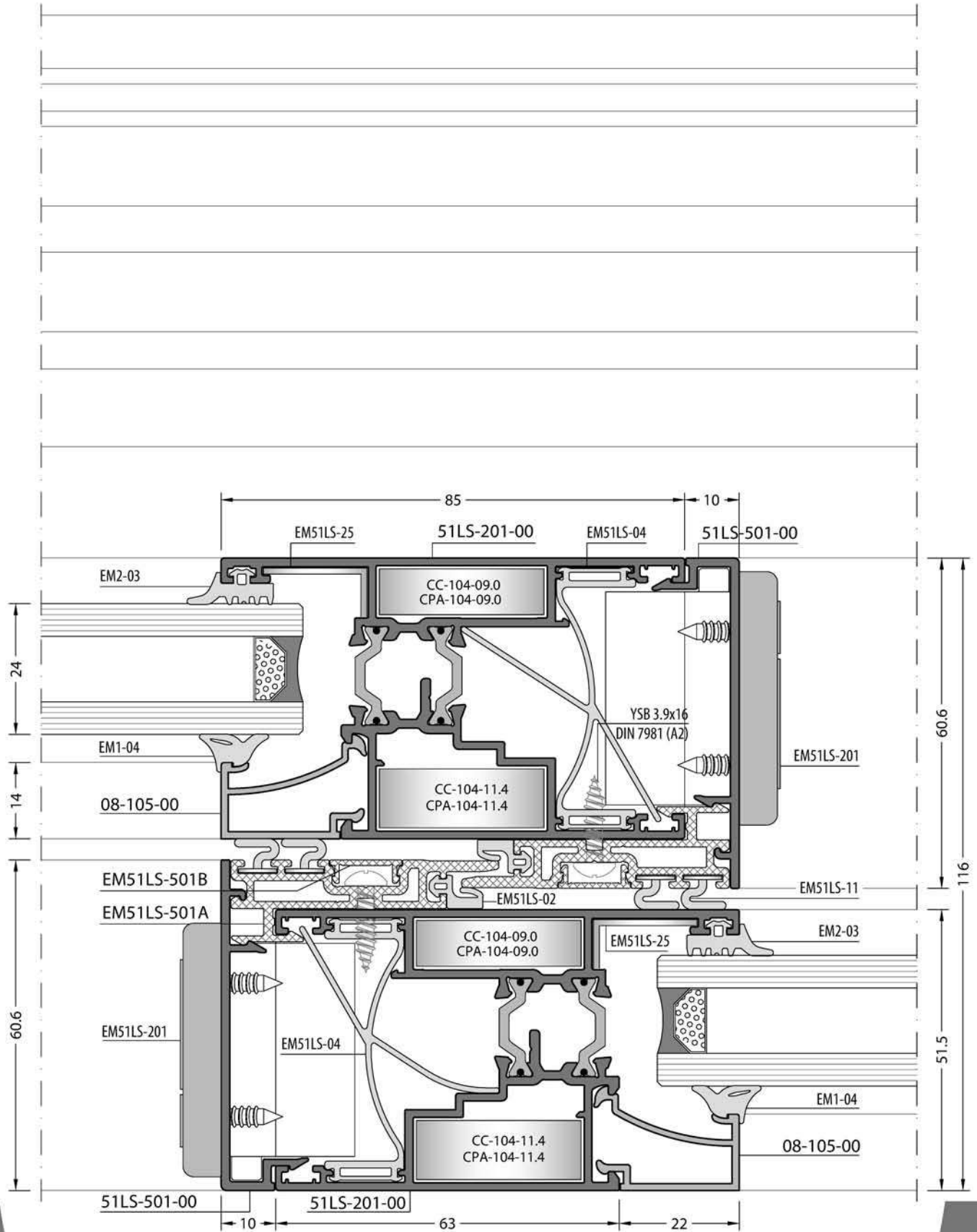
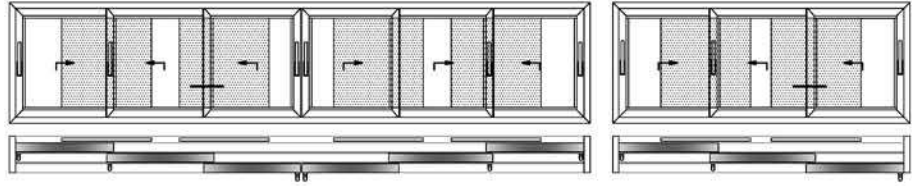


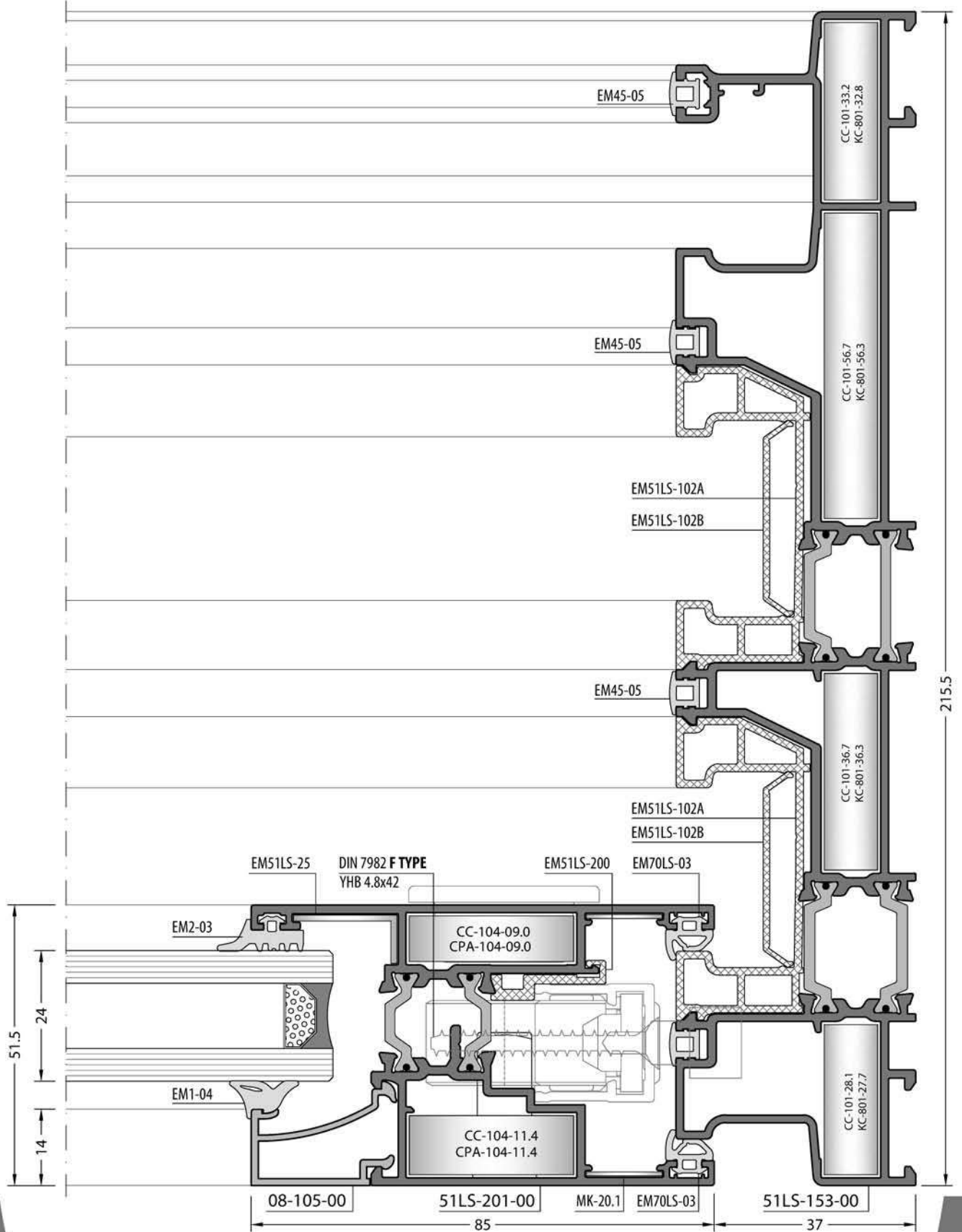
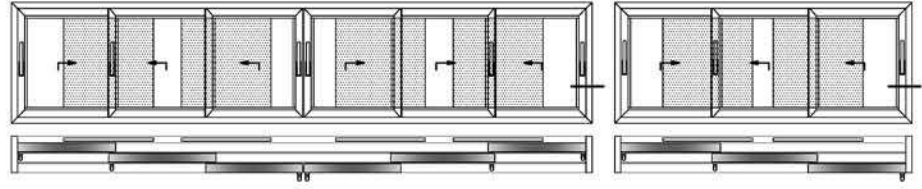


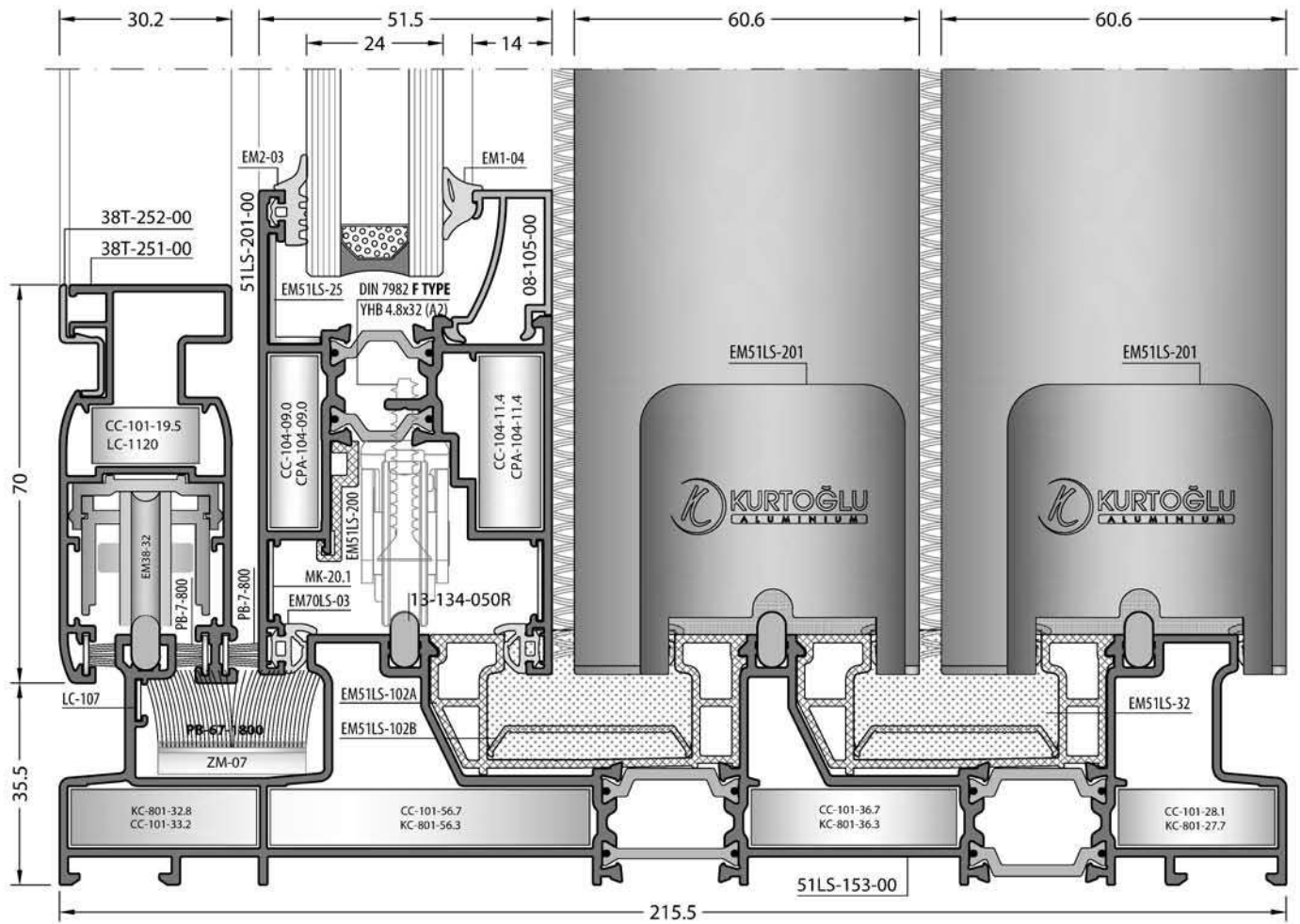
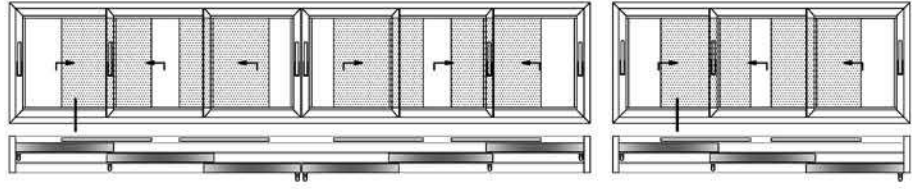


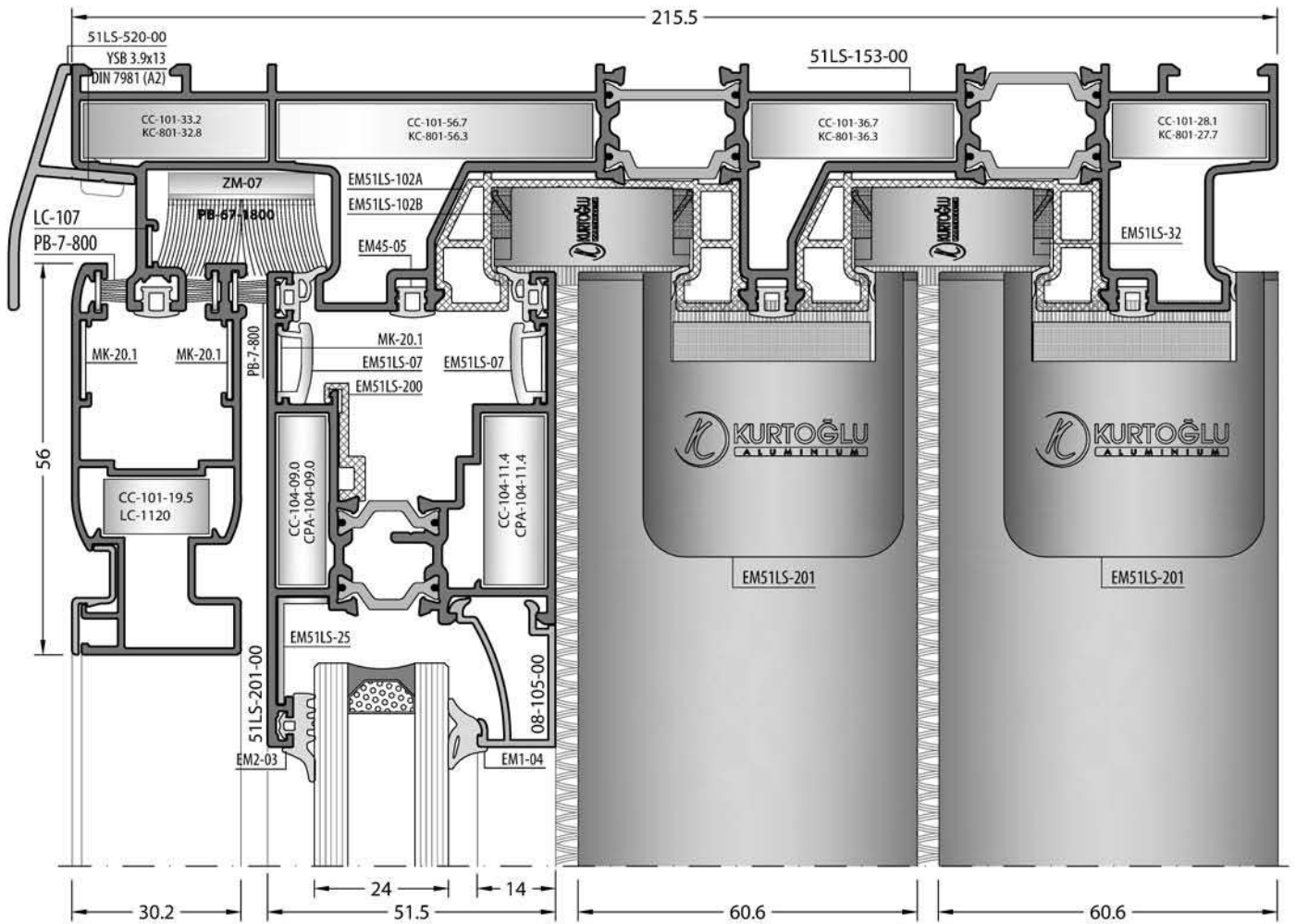
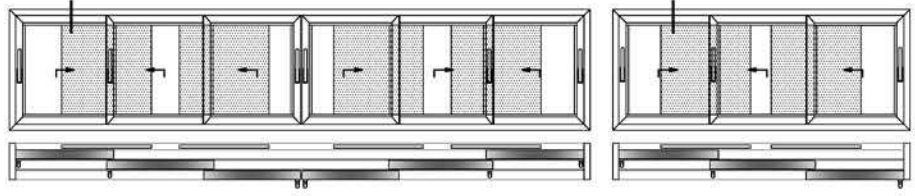
STANDARD CLAMP
STANDART KENET

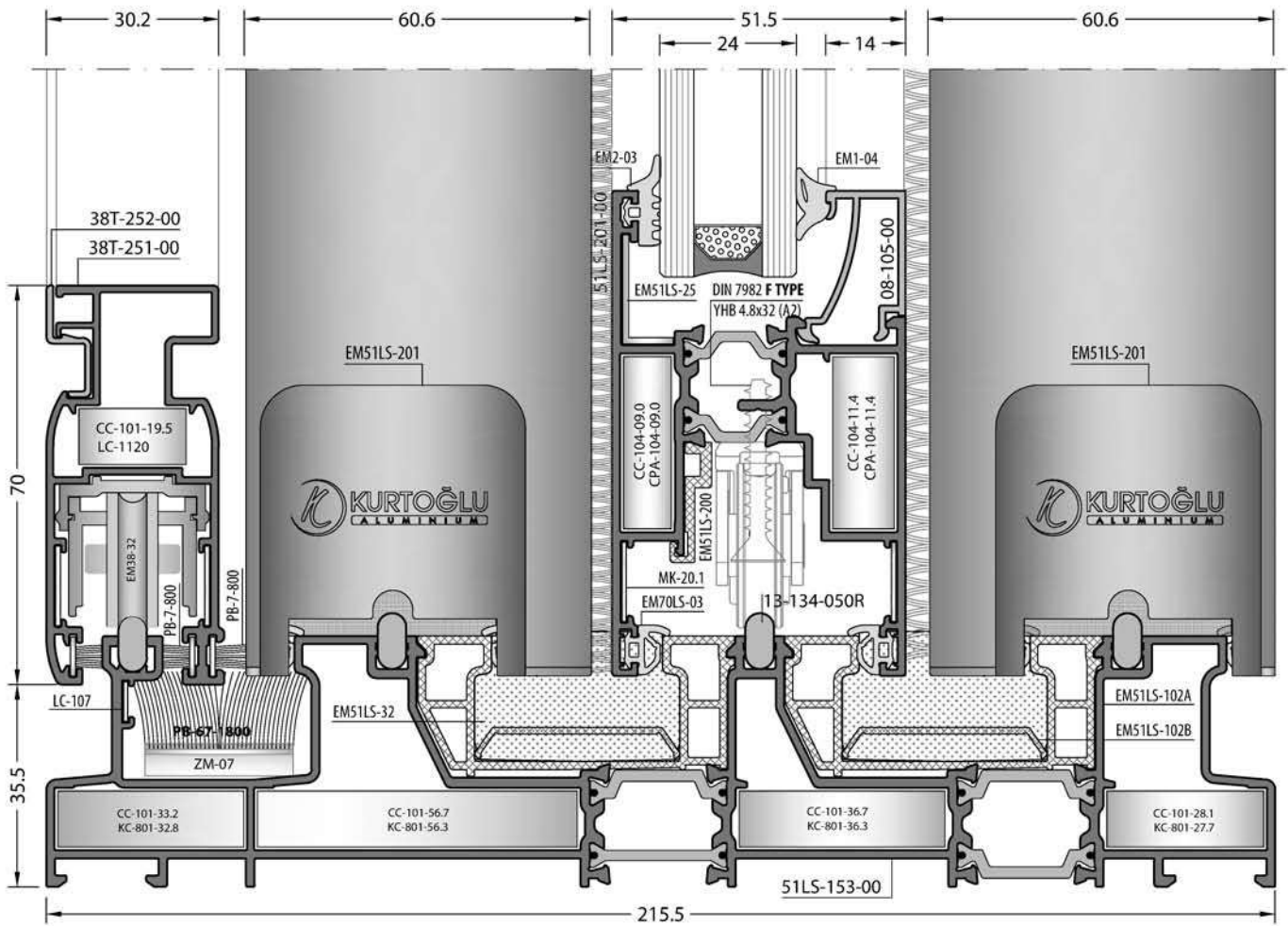
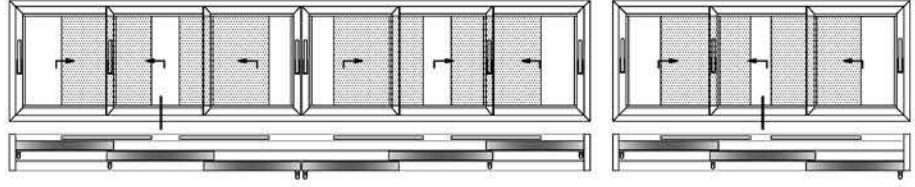


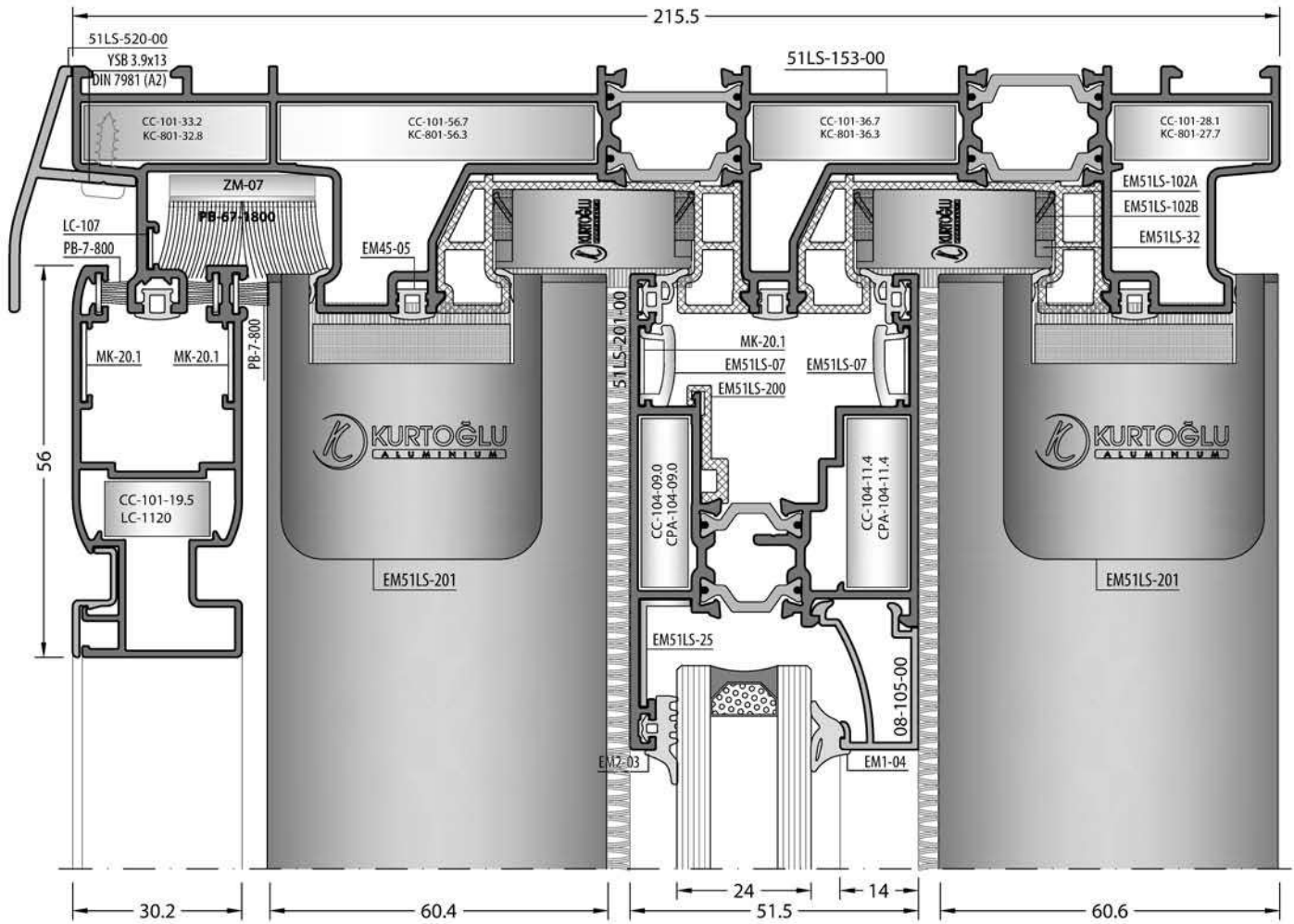
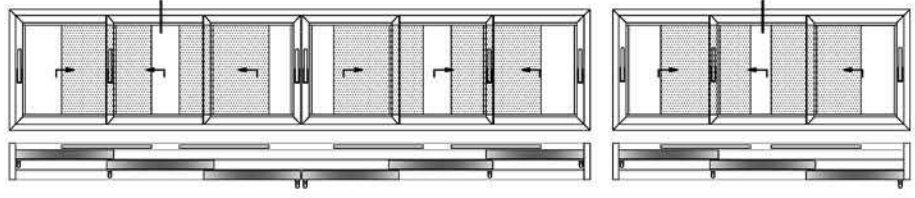
STANDARD CLAMP
STANDART KENET

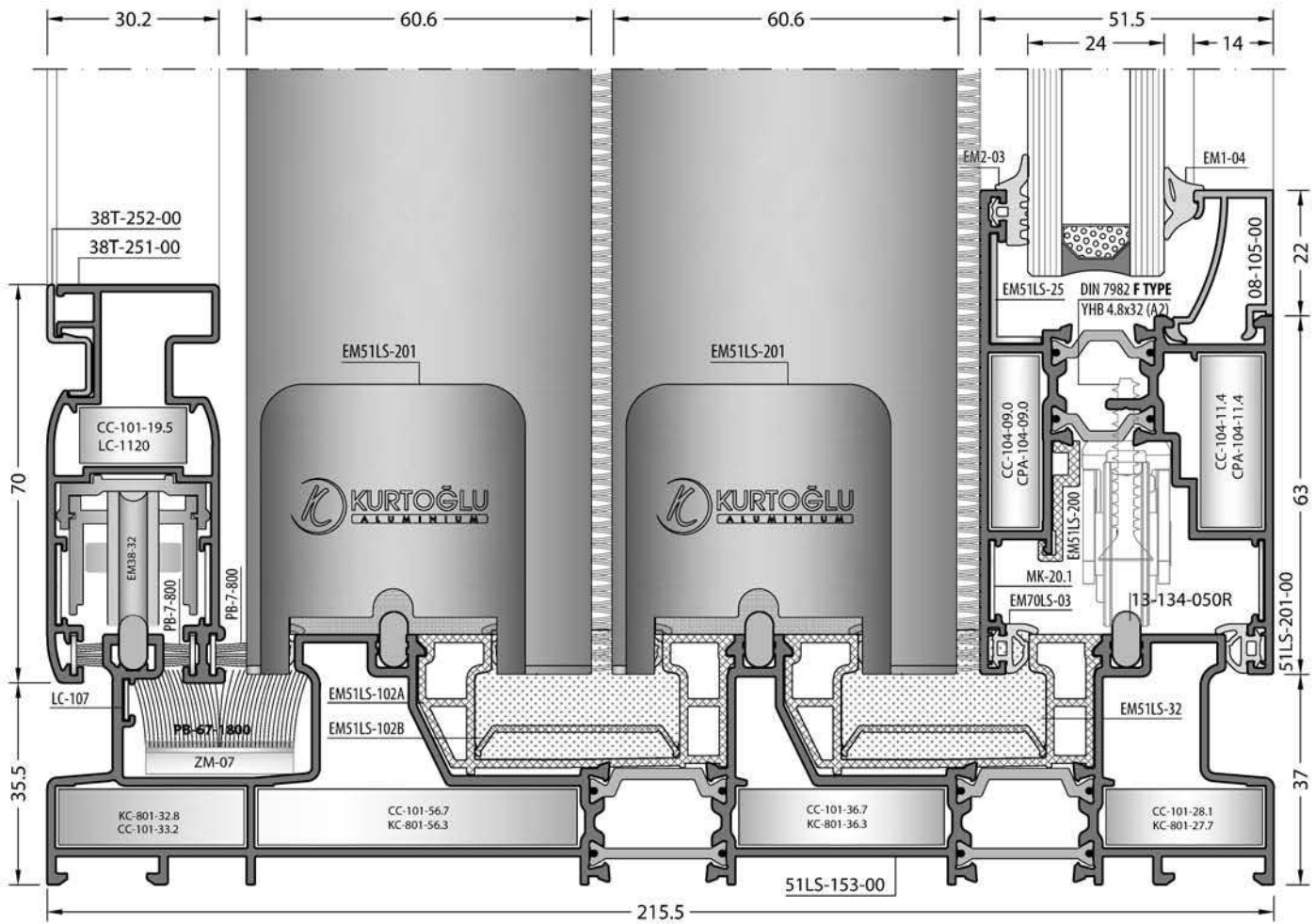
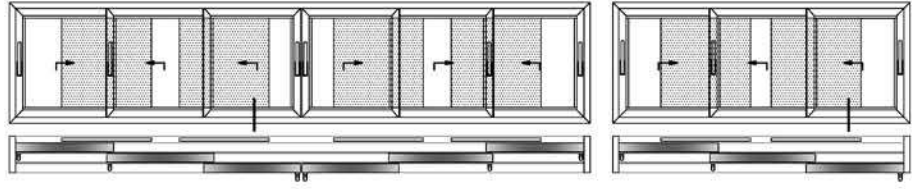


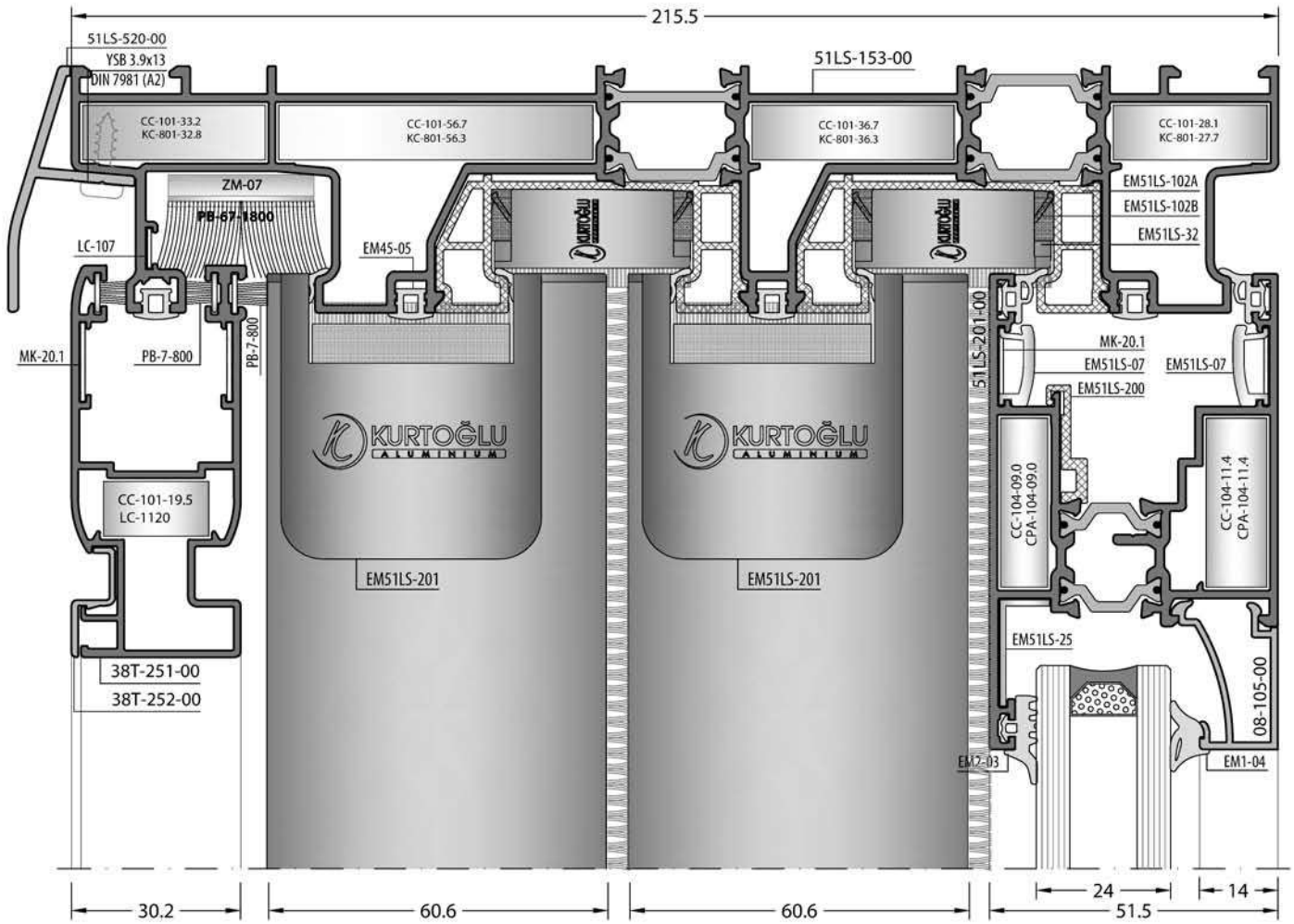
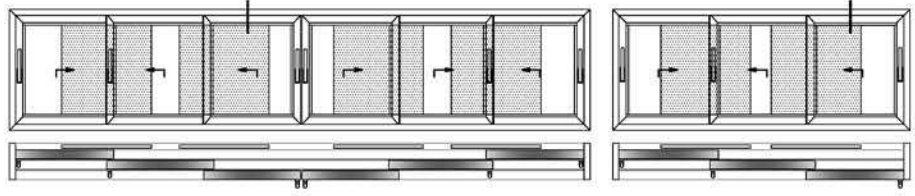


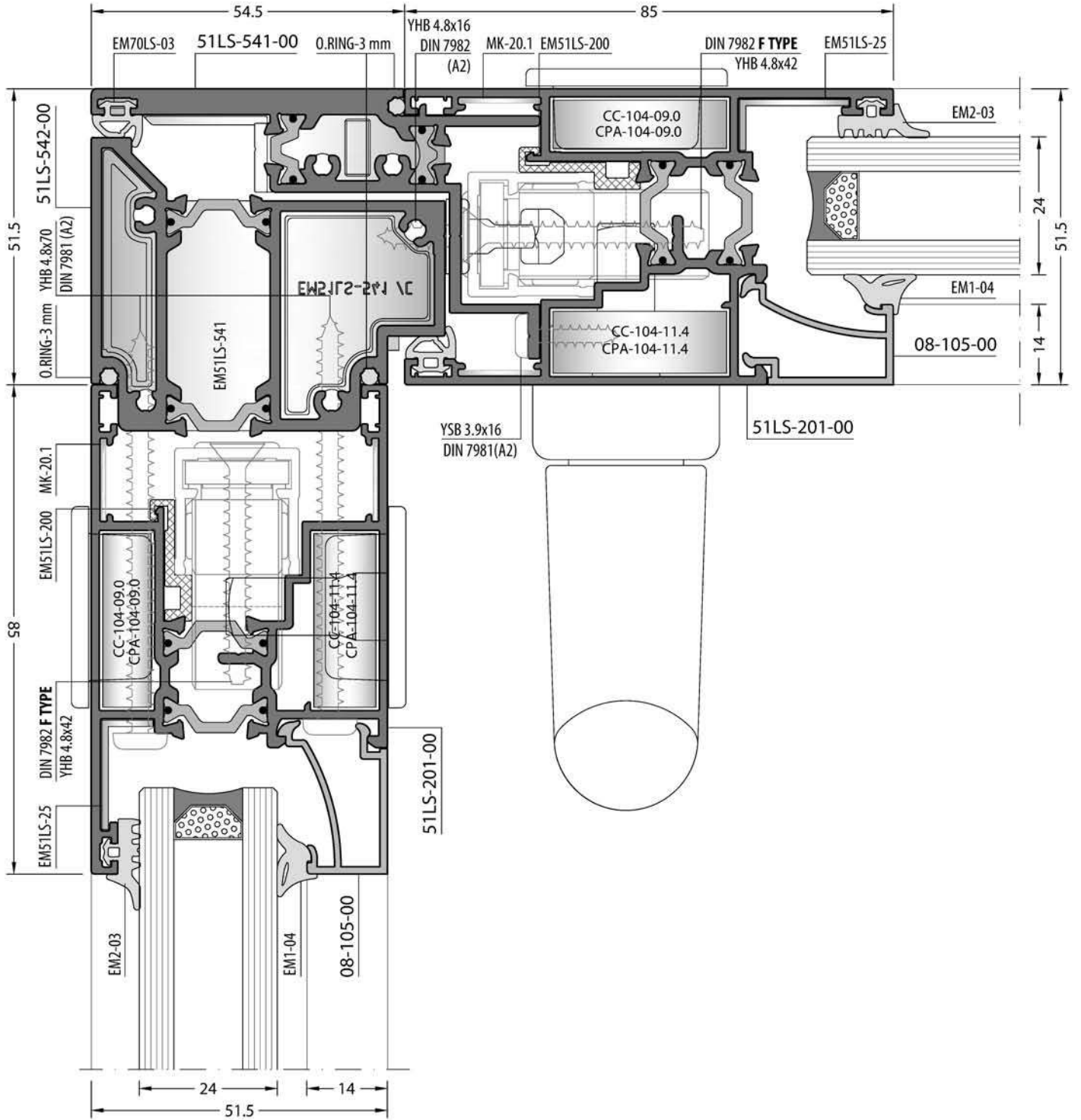
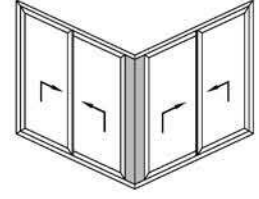


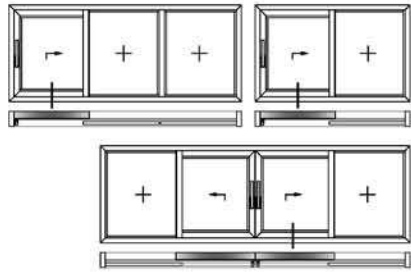




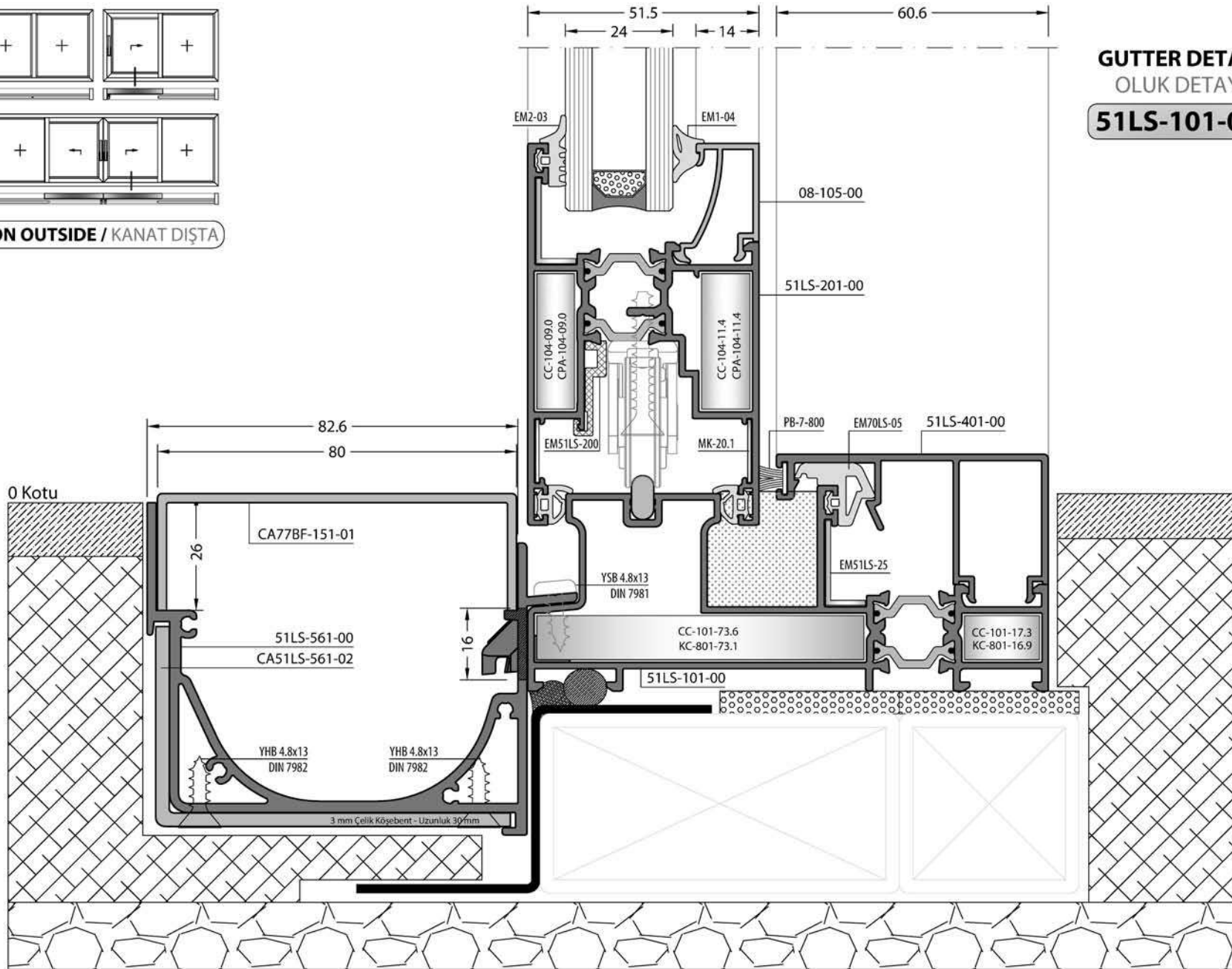


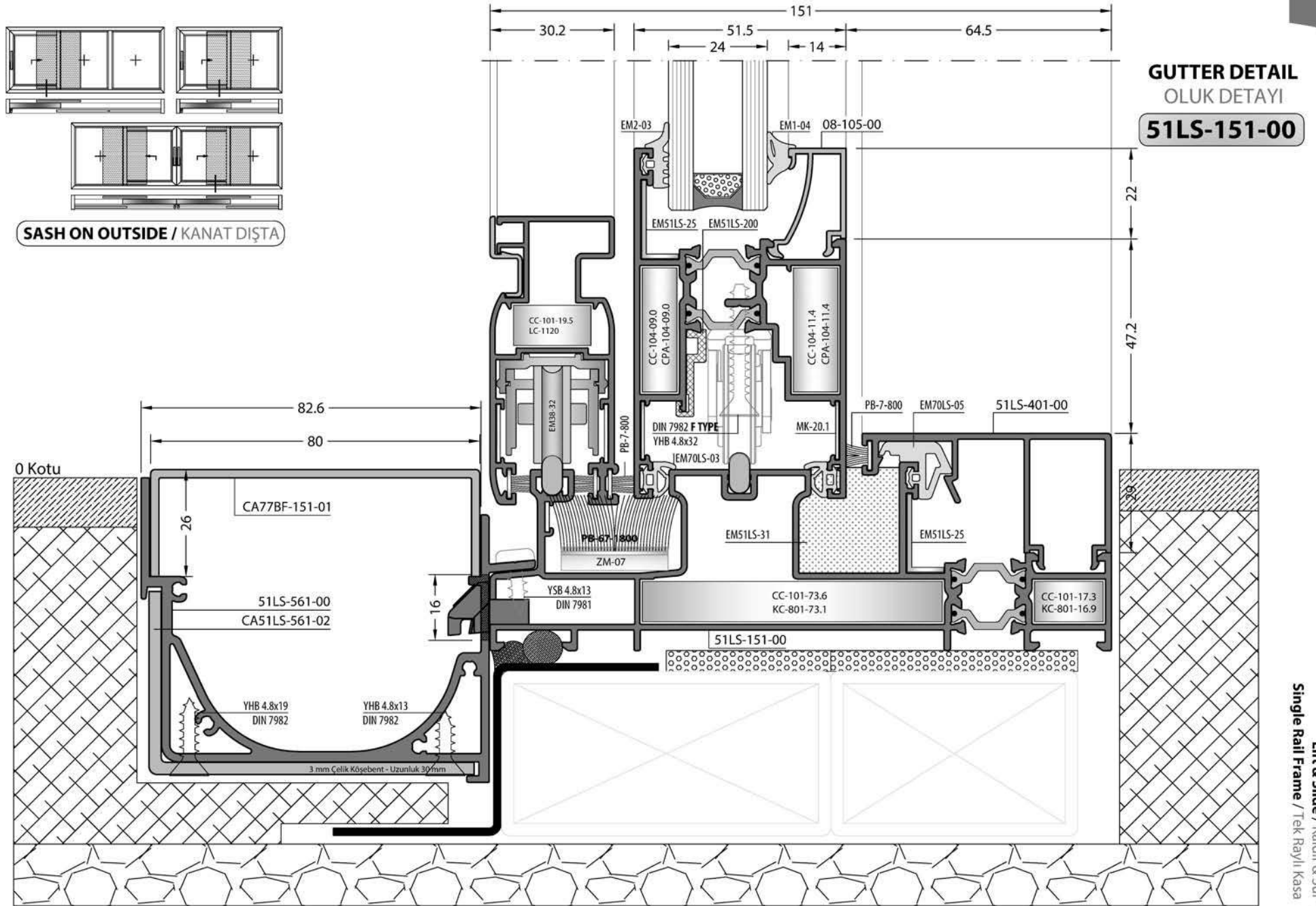


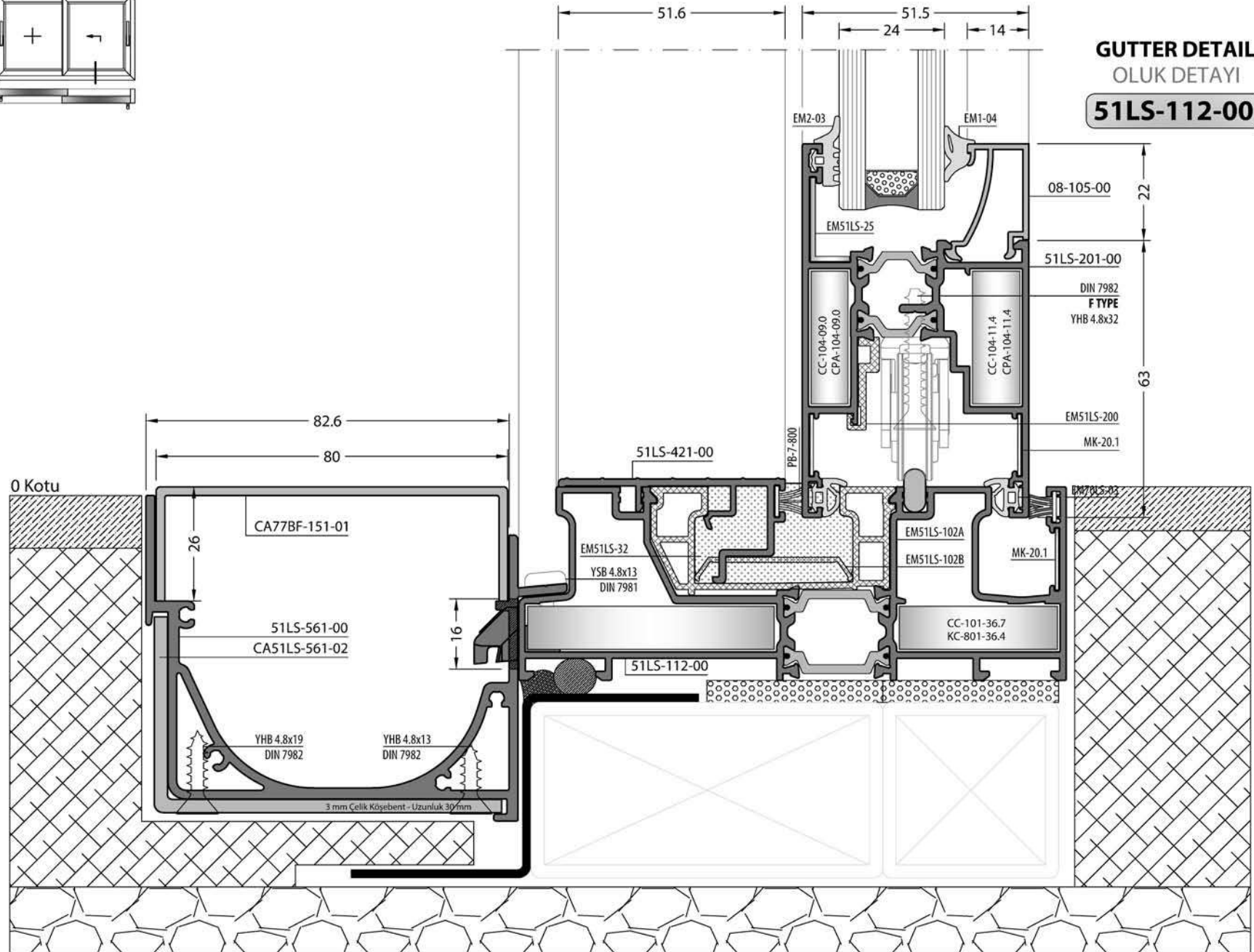
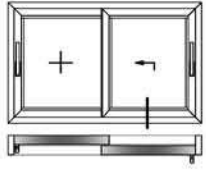


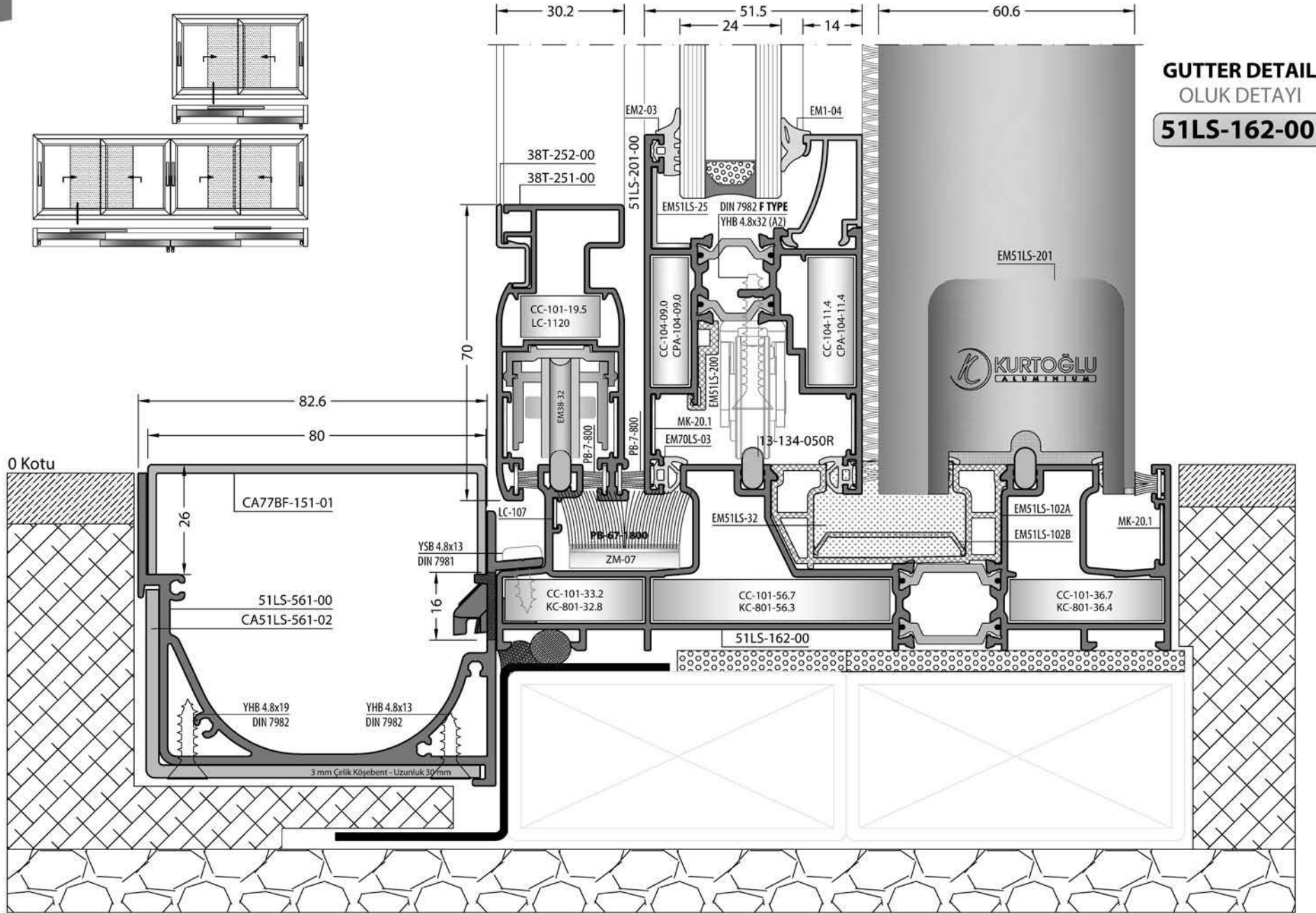


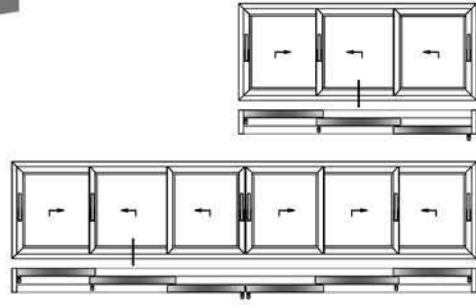
SASH ON OUTSIDE / KANAT DIŞTA





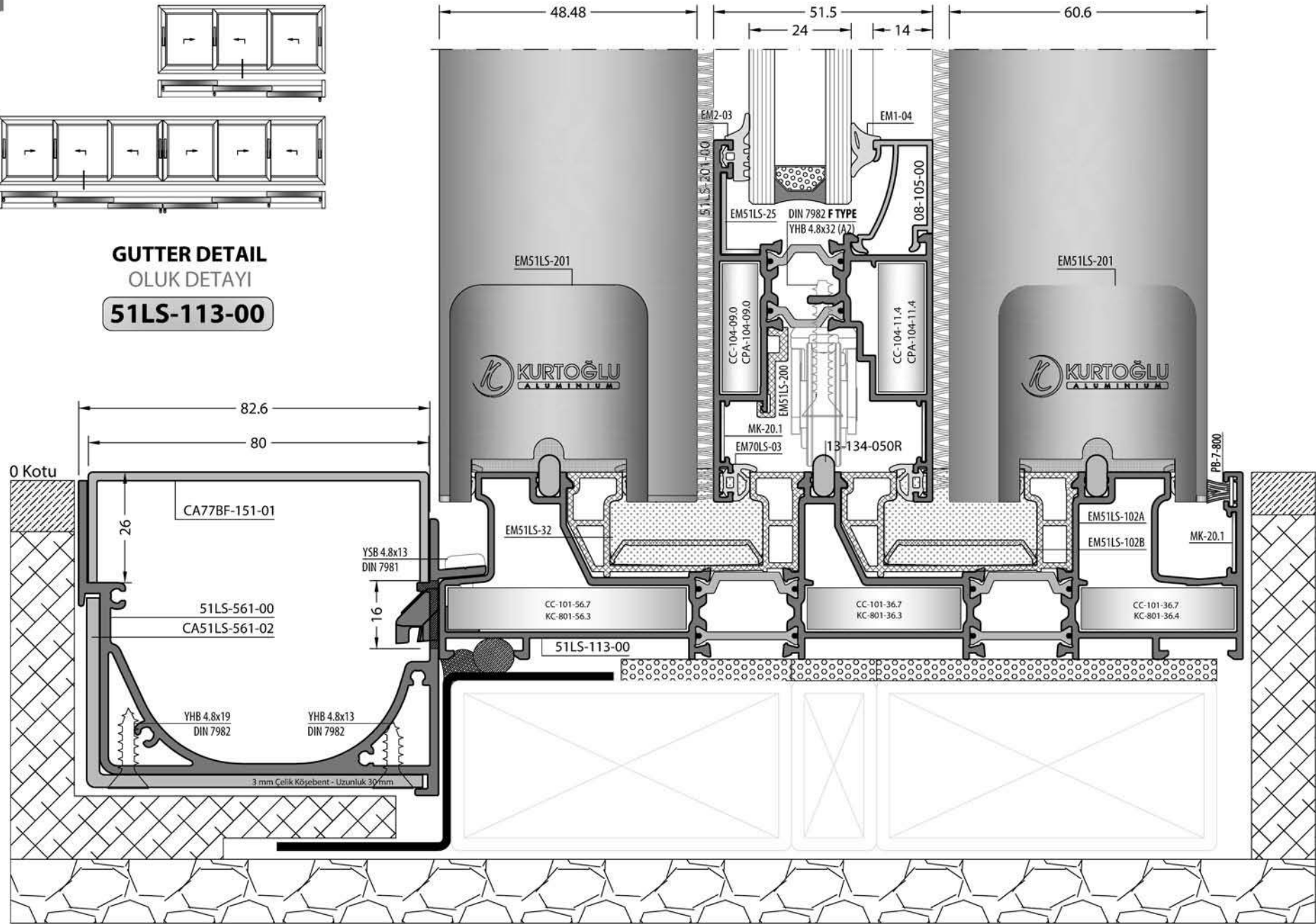


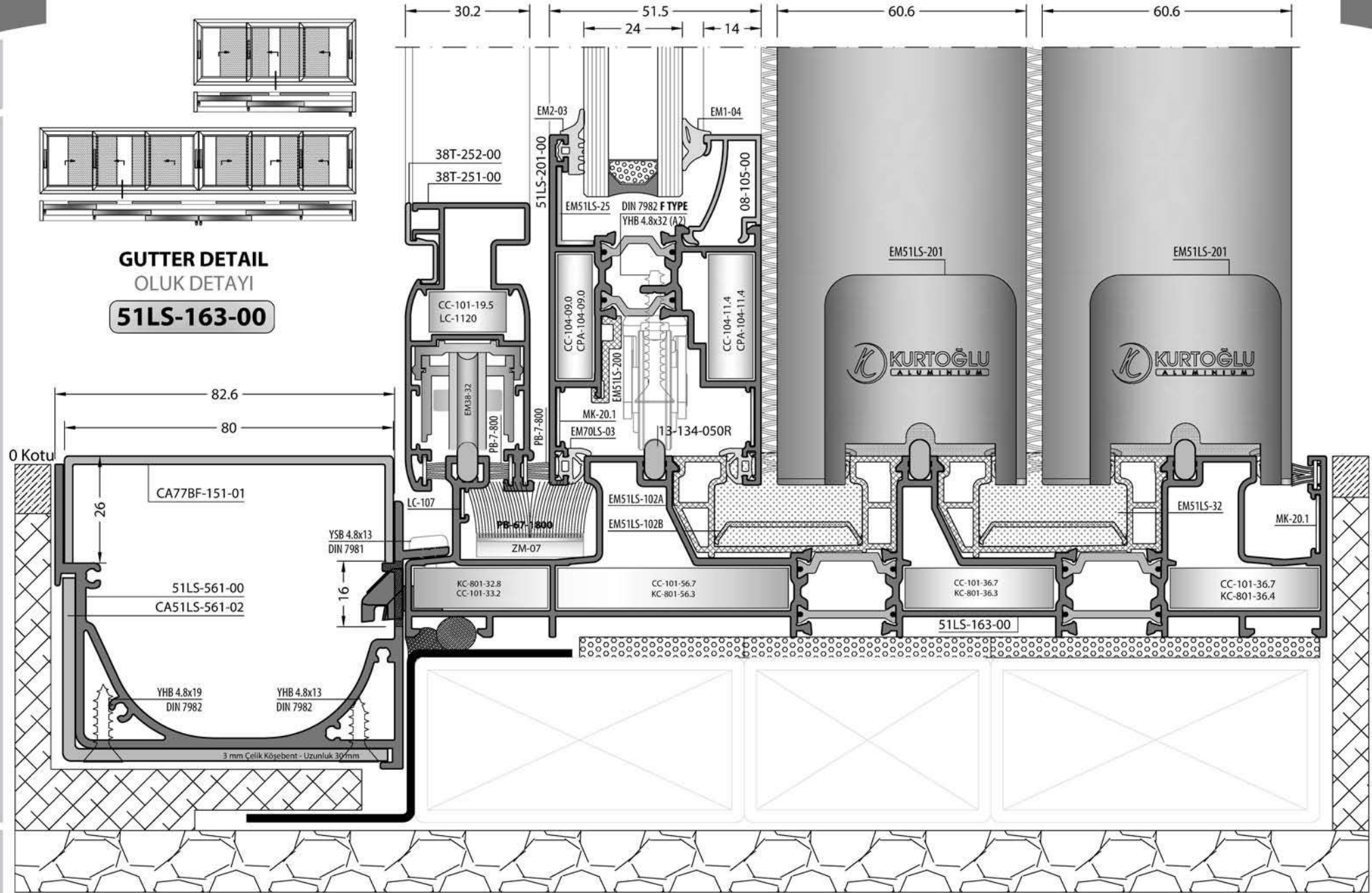


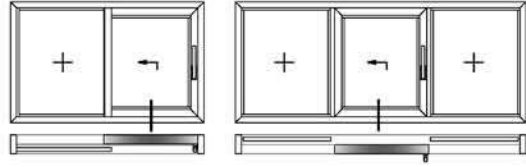


GUTTER DETAIL
OLUK DETAYI

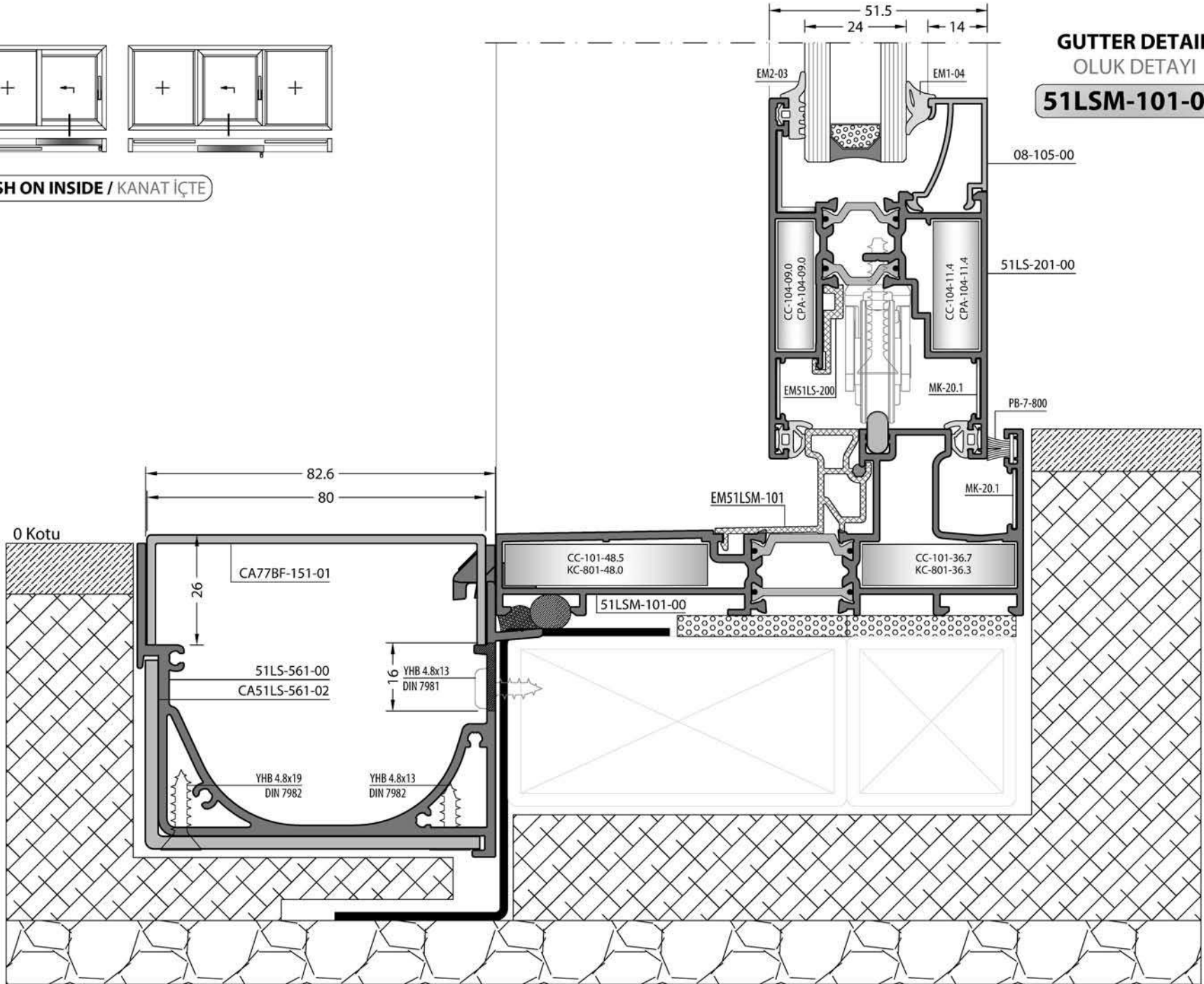
51LS-113-00







SASH ON INSIDE / KANAT İÇTE



GUTTER DETAIL

OLUK DETAYI

SH ON INSIDE / KANAT İÇTE

0 Kotu

Dimensions: 51.5, 24, 14, 82.6, 80, 26, 16

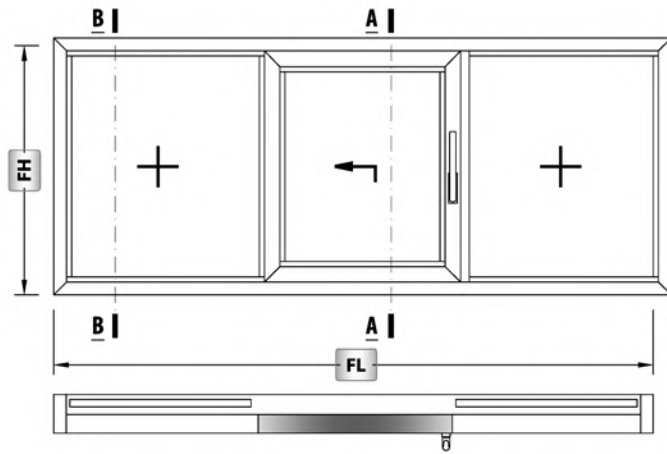
Components and Labels:

- EM2-03
- EM1-04
- 08-105-00
- 51LSM-190-00
- EM51LS-25
- EM51LSM-190A
- EM51LSM-101
- O.RING-3 mm
- EM51LSM-190B
- CC-101-48.5
- KC-801-48.0
- 51LSM-101-00
- CC-101-36.7
- KC-801-36.3
- EM51LSM-101
- PB-7-800
- MK-20.1
- CA77BF-151-01
- 51LS-561-00
- CA51LS-561-02
- YHB 4.8x13 DIN 7982
- YHB 4.8x13 DIN 7981
- YHB 4.8x13 DIN 7982

51S

CUTTING SIZE / KESİM ÖLÇÜLERİ

LIFT & SLIDE / KALDIR SÜR



✓ Please look at the assembly drawings for mechanical treatment.
Mekanik işlemler için lütfen uygulama detayları bölümüne bakınız.

FIXED SIDE GLASS / SABİT KISIM CAMI

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		2 Pcs / Adet	GL2 = $\frac{FL}{3}$ - 70 GH2 = FH - 94

SASH GLASS / KANAT CAMI

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		1 Pcs / Adet	GL1 = SL - 140 GH1 = SH - 140

PROFILES / PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
51LSM-101-00			2 Pcs / Adet	FL	-
			2 Pcs / Adet	FH	-
51LS-201-00			2 Pcs / Adet	SL = (FL/3) + 35	-
			2 Pcs / Adet	SH = FH - 74	-
51LSM-503-00			2 Pcs / Adet	FH - 47	-
51LSM-190-00			4 Pcs / Adet	(FL/3) - 38	✓
			2 Pcs / Adet	FH - 44	-
51LSM-505-00			1 Pcs / Adet	FH - 93	-
			2 Pcs / Adet	BL1 = SL - 126	-
			2 Pcs / Adet	BH1 = SH - 170	-
			4 Pcs / Adet	BL2 = $\frac{FL}{3}$ - 56	-
			4 Pcs / Adet	BH2 = FH - 124	-
08-105-00			1 Pcs / Adet	LR = $\frac{2FL}{3}$ - 33	-
13-134-050R			1 Pcs / Adet	AH = SH - 3	✓
51LS-501-00			2 Pcs / Adet	KH = FH - 47	✓
* 51LS-502-00			-	OPSİYONEL REINFORCE PART OPSİYONEL GÜÇLENDİRME PARÇASI	✓

PLASTIC PROFILES / PLASTİK PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
EM51LSM-101			2 Pcs / Adet	FL - 30	-
			2 Pcs / Adet	FH - 30	-
EM51LS-501A			1 Pcs / Adet	PH = SH - 3	✓
			2 Pcs / Adet	FH - 80	-
EM51LS-501B			1 Pcs / Adet	PH = SH - 3	-
			2 Pcs / Adet	FH - 80	-
			1 Pcs / Adet	FH - 93	-
EM51LS-200			1 Pcs / Adet	PLL = SL - 44	-
			1 Pcs / Adet	PLL = SL - 44	-
			1 Pcs / Adet	PLH = SH - 40	-

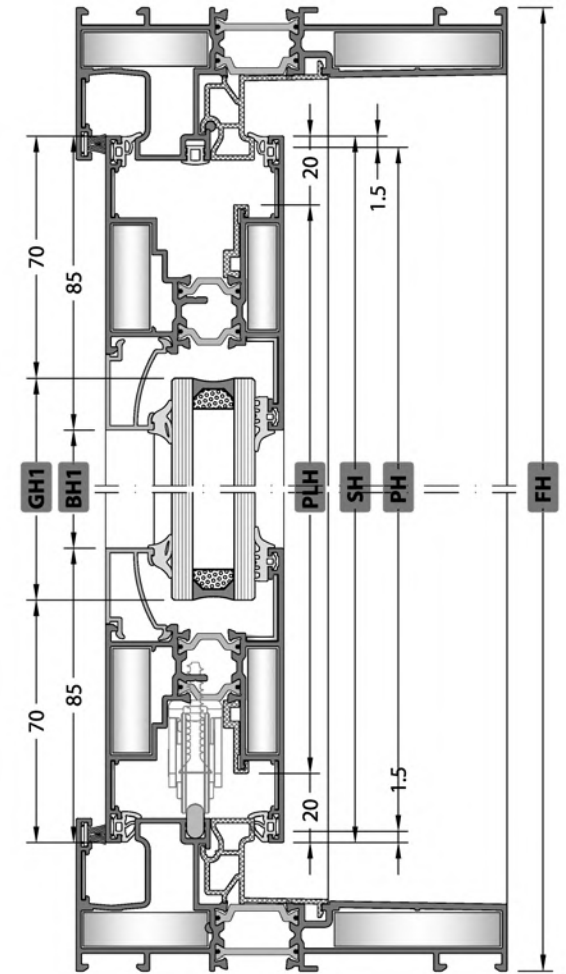
● IT IS NOT CUTTING FORMULA. USE ONLY FOR QUANTITY CALCULATION.
KESİM ÖLÇÜSÜ DEĞİLDİR. SADECE MİKTAR HESAPLAMA İÇİN KULLANILIR.

GASKETS / FİTİLLER

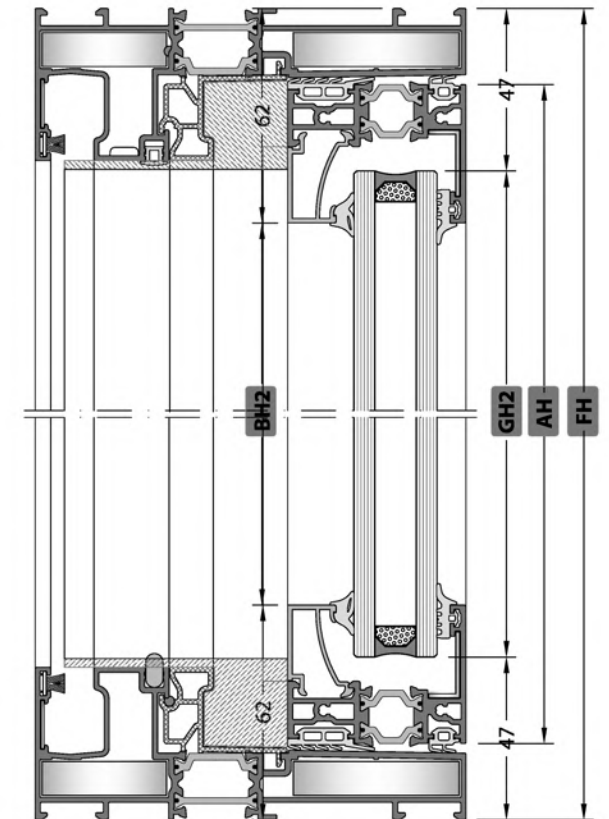
Code Kod	Quantity Miktar	Picture Resim
EM1-XX	2FL + 6SH	
EM2-03	2FL + 6SH	
EM51LS-02	3SH	
EM51LS-03	2SL	
EM70LS-03	2SL + 2SH	
EM51LS-04	SH	
EM45-05	FL + 2FH + SL	
PB-7-800	2FL + 2FH	
EM51LS-11	6SH	
EM51LSM-190A	4SL + 2FH	
EM51LSM-190B	4SL + 2FH	

CONSUMABLE MATERIALS / SARF MALZEMELER

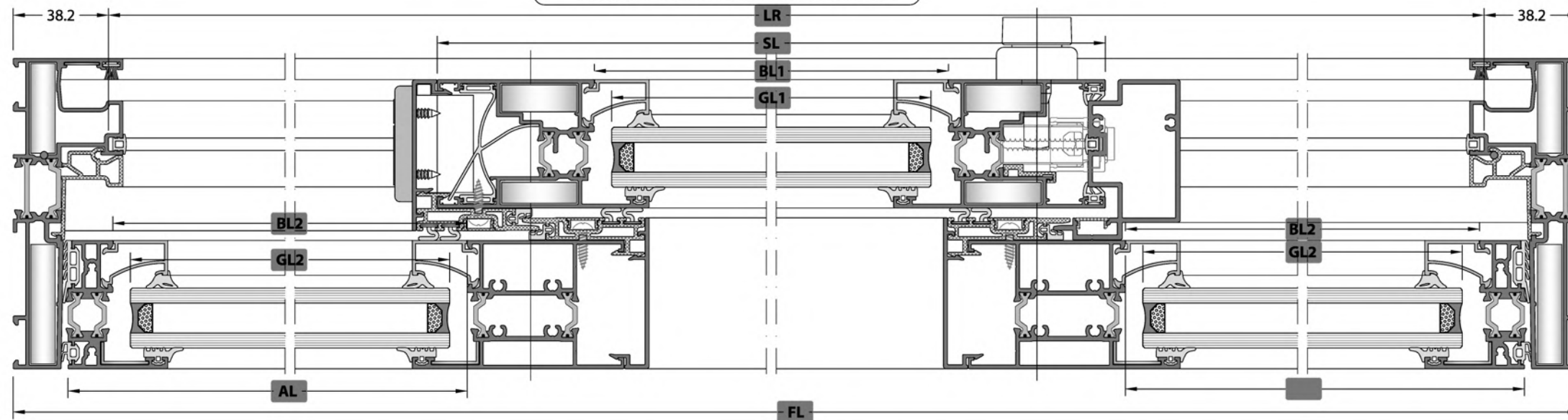
Code Kod	Description Açıklama	Quantity (pcs-m) Miktar (Paket)	Picture Resim
EM51LS-201	CLAMPING ACCESSORIES SET KENET AKSESUAR TAKIMI	1 Set / Takım	
EM51LS-600	CLAMPING PLASTIC CAP KENET PLASTİK KAPAĞI	1 Set / Takım	
EM51LS-31	FIXED WEATHER STRIP SET SABİTLİ HAVA KESİCİ TAKIMI	1 Set / Takım	
EM51LS-07	SASH STABILITY PLASTIC KANAT DENGİ PLASTİĞİ	Sub Amount Kanat Adedi Sash / Kanat ≤ 1500 mm / İse 4 Pieces / Adet Sash / Kanat ≥ 1500 mm / İse 6 Pieces / Adet	
EM70LS-10	DRAINAGE CAP TAHLİYE KAPAĞI	1 Pcs / Adet	
EM51LS-190	FRAME MONTAGE WEDGE KASA MONTAJ TAKOZU	((FL-2000) / 1000) + 1 Pcs / Adet	
EM51LS-C03	INJECTION GASKET ENJEKSİYON FİTİL	1 Set / Takım	
EM51LSM-503	CLAMPING ACCESSORIES SET KENET AKSESUAR TAKIMI	2 Set / Takım	
EM51LSM-505	CLAMPING ACCESSORIES SET KENET AKSESUAR TAKIMI	1 Set / Takım	



A-A SECTION / A-A KESİTİ



B-B SECTION / B-B KESİTİ



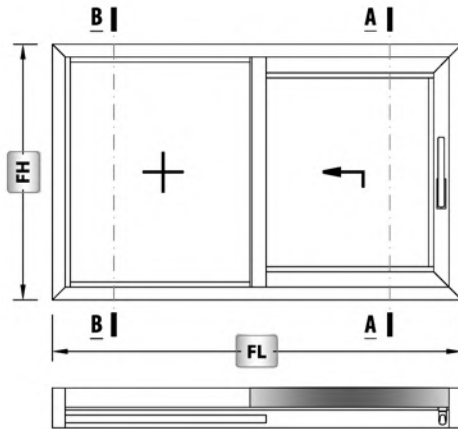


CUTTING SIZE / KESİM ÖLÇÜLERİ

LIFT & SLIDE / KALDIR-SÜR

STANDARD CLAMP / STANDART KENET

Single Rail Frame / Tek Raylı Kasa



Please look at the assembly drawings for mechanical treatment.
Mekanik işlemler için lütfen uygulama detayları bölümüne bakınız.

FIXED SIDE GLASS / SABİT KISIM CAMI

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		1 Pcs / Adet	GL2 = $\frac{FL}{2}$ - 63.3 GH2 = FH - 61.6

SASH GLASS / KANAT CAMI

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		1 Pcs / Adet	GL1 = SL - 140 GH1 = SH - 140

PROFILES / PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
51LS-101-00			2 Pcs / Adet	FL	-
			2 Pcs / Adet	FH	-
51LS-201-00			2 Pcs / Adet	$SL = \frac{FL}{2} + 0.5$	-
			2 Pcs / Adet	$SH = FH - 74$	-
			1 Pcs / Adet	$MH = FH - 47.6$	✓
08-105-00			2 Pcs / Adet	$BL = SL - 126$	-
			2 Pcs / Adet	$BH = SH - 170$	-
			2 Pcs / Adet	$CL = \frac{FL}{2} - 49.3$	-
			2 Pcs / Adet	$CH = FH - 91.6$	-
13-134-050R			1 Pcs / Adet	$LR = FL - 76.4$	-
51LS-401-00			2 Pcs / Adet	$TL = \frac{FL}{2} - 71.3$	✓
51LS-413-00			1 Pcs / Adet	$OH = FH - 105.6$	-
51LS-501-00			1 Pcs / Adet	$AH = SH - 3$	✓
			1 Pcs / Adet	$KH = FH - 47.6$	✓
* 51LS-502-00			-	OPSIONEL REINFORCE PART OPSIONEL GÜÇLENDİRME PARÇASI	✓
51LS-520-00			1 Pcs / Adet	FL	✓

PLASTIC PROFILES / PLASTİK PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
EM51LS-501A			1 Pcs / Adet	$PH = SH - 3$	✓
			1 Pcs / Adet	$NH = FH - 77$	-
EM51LS-501B			1 Pcs / Adet	$PH = SH - 3$	-
			1 Pcs / Adet	$NH = FH - 77$	-
EM51LS-200			1 Pcs / Adet	$PLL = SL - 44$	-
			1 Pcs / Adet	$PLL = SL - 44$	-
			1 Pcs / Adet	$PLH = SH - 40$	-

GASKETS / FİTİLLER

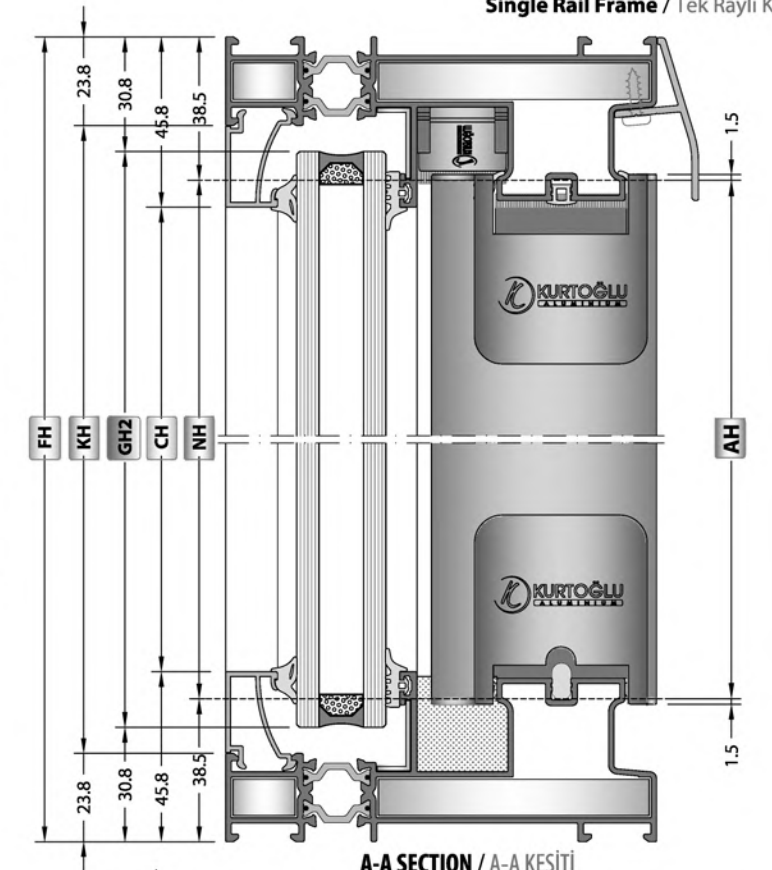
Code Kod	Quantity Miktar	Picture Resim
EM1-XX	2SL+2SH+FL+2FH	
EM2-03	2SL+2SH+FL+2FH	
EM51LS-02	2SH	
EM51LS-03	2SL	
EM70LS-03	2SL + 2SH	
EM51LS-04	2SH	
EM70LS-05	2SL + 1SH	
EM45-05	FL+2FH	
PB-7-800	2SL + 1SH	
EM51LS-11	4SH	

CORNER JOINTS / KÖŞE BAĞLANTILAR

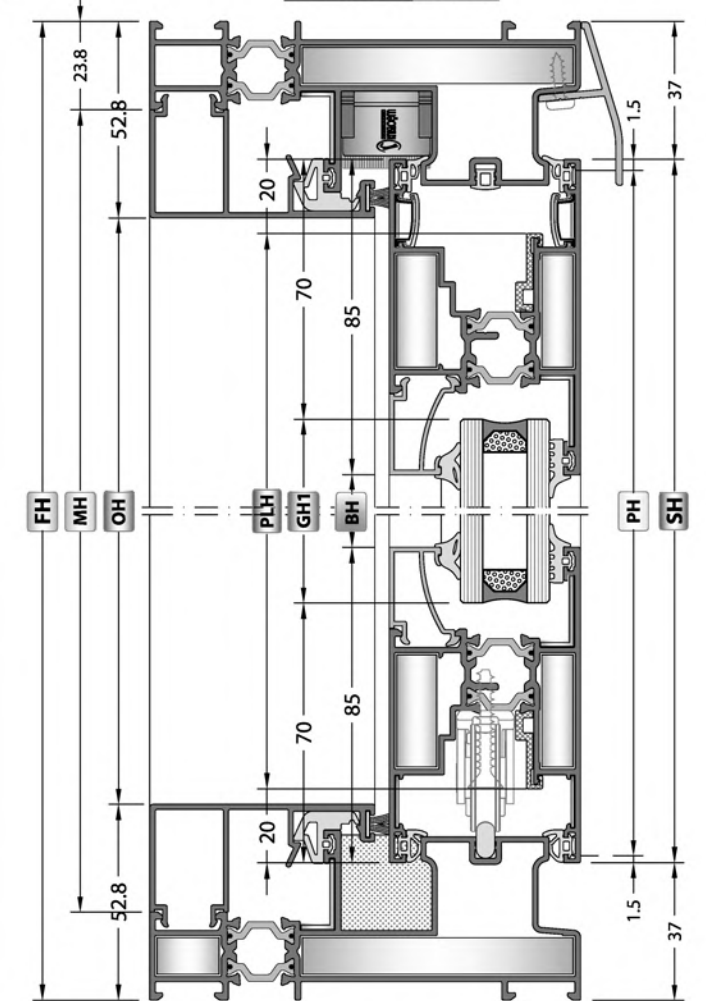
Code Kod	Quantity Miktar	Picture Resim
CC-101-17.3 Or / Yada KC-801-16.9	4 Pcs / Adet	
CC-101-73.6 Or / Yada KC-801-73.1	4 Pcs / Adet	
CC-104-09.0	4 Pcs / Adet	
CC-104-11.4	4 Pcs / Adet	
EM51LS-25	8 Pcs / Adet	
MK-20.1	8 Pcs / Adet	
CC51-901-30.9	2 Pcs / Adet	
CC51-902-30.9	2 Pcs / Adet	

CONSUMABLE MATERIALS / SARF MALZEMELER

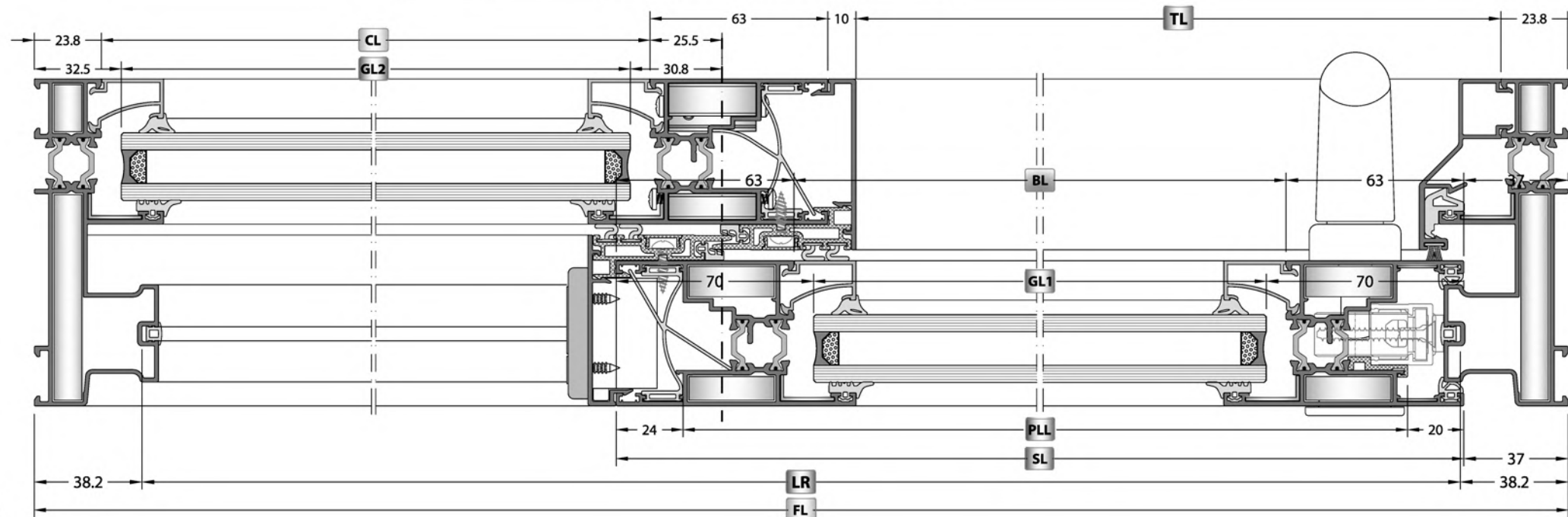
Code Kod	Description Açıklama	Quantity (pcs-m) Miktar (Paket)	Picture Resim
EM51LS-201	CLAMPING ACCESSORIES SET KENET AKSESUAR TAKIMI	1 Set / Takım	
EM51LS-31	FIXED WEATHER STRIP SET SABİTLİ HAVA KESİCİ TAKIMI	1 Set / Takım	
EM51LS-07	SASH STABILITY PLASTIC KANAT DENGİ PLASTİĞİ	Sash / Kanat Adedi Sash / Kanat ≤1500 mm if / ise 4 Pieces / Adet Sash / Kanat ≥1500 mm if / ise 6 Pieces / Adet	
EM70LS-09	DRAINAGE CAP TAHLİYE KAPAĞI	$\left(\frac{((FL/2)-350)}{650} + 1\right)$ Pcs / Adet	
EM70LS-10	DRAINAGE CAP TAHLİYE KAPAĞI	1 Pcs / Adet	
EM51LS-190	FRAME MONTAGE WEDGE KASA MONTAJ TAKOZU	$\left(\frac{(FL-2000)}{1000} + 1\right)$ Pcs / Adet	
EM51LS-1101	FRAME SEPARATOR KASA AYIRICI	1 Pcs / Adet	
EM51LS-C03	INJECTION GASKET ENJEKSİYON FİTİL	1 Set / Takım	



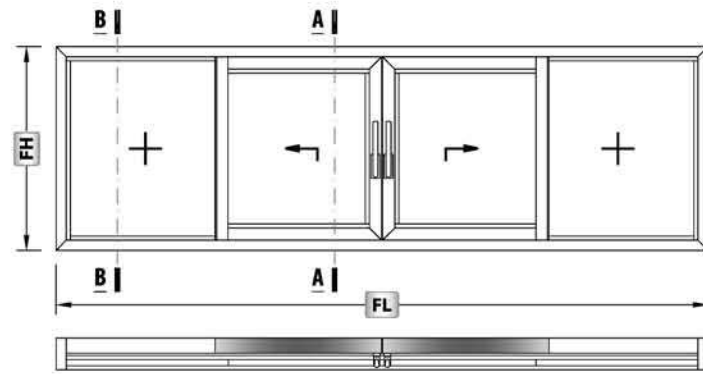
A-A SECTION / A-A KESİTİ



B-B SECTION / B-B KESİTİ



CUTTING SIZE / KESİM ÖLÇÜLERİ



✓ Please look at the assembly drawings for mechanical treatment.
Mekanik işlemler için lütfen uygulama detayları bölümüne bakınız.

FIXED SIDE GLASS / SABİT KISIM CAMI

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		2 Pcs / Adet	GL2 = $\frac{FL}{4}$ - 63.3 GH2 = FH - 61.6

SASH GLASS / KANAT CAMI

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		2 Pcs / Adet	GL1 = SL - 140 GH1 = SH - 140

PROFILES / PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
51LS-101-00			2 Pcs / Adet	FL	-
51LS-201-00			4 Pcs / Adet	SL = $\frac{FL}{4}$ + 31.5	-
08-105-00			4 Pcs / Adet	SH = FH - 74	-
13-134-050R			1 Pcs / Adet	MH = FH - 47.6	✓
51LS-501-00			2 Pcs / Adet	BL = SL - 126	-
51LS-401-00			2 Pcs / Adet	BH = SH - 170	-
51LS-413-00			2 Pcs / Adet	CL = $\frac{FL}{4}$ - 49.3	-
51LS-502-00			1 Pcs / Adet	CH = FH - 91.6	✓
51LS-520-00			1 Pcs / Adet	LR = FL - 76.4	-
51LS-503-00			1 Pcs / Adet	KKH = SH - 4	✓
51LS-501-00			2 Pcs / Adet	AH = SH - 3	✓
51LS-401-00			2 Pcs / Adet	KH = FH - 47.6	✓
51LS-413-00			2 Pcs / Adet	TL = (F/2) - 95	✓
51LS-502-00			1 Pcs / Adet	OH = FH - 105.6	-
51LS-520-00			1 Pcs / Adet	FL	✓

PLASTIC PROFILES / PLASTİK PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
EM51LS-501A			2 Pcs / Adet	PH = SH - 3	✓
EM51LS-501B			2 Pcs / Adet	NH = FH - 77	-
EM51LS-200			2 Pcs / Adet	PH = SH - 3	-
EM51LS-200			2 Pcs / Adet	NH = FH - 77	-
EM51LS-200			2 Pcs / Adet	PLL = SL - 44	-
EM51LS-200			2 Pcs / Adet	PLL = SL - 44	-
EM51LS-200			2 Pcs / Adet	PLH = SH - 40	-

LIFT & SLIDE / KALDIR-SÜR

STANDARD CLAMP / STANDART KENET

GASKETS / FİTİLLER

Code Kod	Quantity Miktar	Picture Resim
EM1-XX	8SL+8SH	
EM2-03	8SL+8SH	
EM51LS-02	4SH	
EM51LS-03	4SL	
EM70LS-03	4SL + 8SH	
EM51LS-04	4SH	
EM70LS-05	4SL	
EM45-05	FL+2FH	
PB-7-800	4SL	
EM51LS-11	10SH	
O.RING-3 mm	2SH	

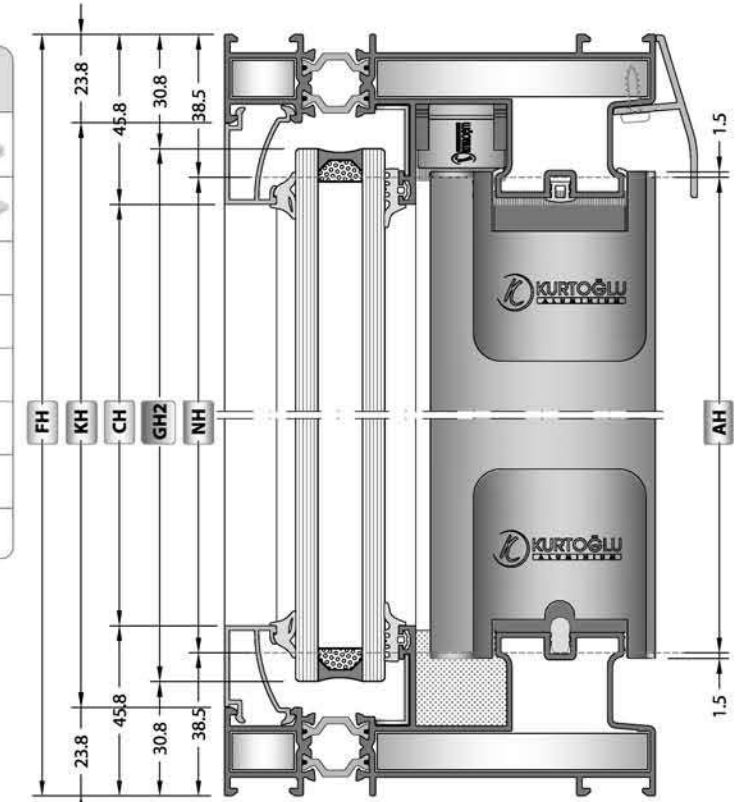
CONSUMABLE MATERIALS / SARF MALZEMELER

Code Kod	Description Açıklama	Quantity (pcs-m) Miktar (Paket)	Picture Resim
EM51LS-201	CLAMPING ACCESSORIES SET KENET AKSESUAR TAKIMI	2 Set / Takım	
EM51LS-504	CLAMPING ACCESSORIES SET KENET AKSESUAR TAKIMI	1 Set / Takım	
EM51LS-31	FIXED WEATHER STRIP SET SABİTLİ HAVA KESİCİ TAKIMI	2 Set / Takım	
EM51LS-07	SASH STABILITY PLASTIC KANAT DENGECİ PLASTİĞİ	Sash / Kanat <1500 mm B / 4 Pieces / Adet Sash / Kanat >1500 mm B / 6 Pieces / Adet	
EM09-0001	SPILL / TAPA	(SH - 200) / 500 Pcs / Adet	
EM70LS-09	DRAINAGE CAP TAHYİYE KAPAĞI	2* ((FL/4)-350)/650 + 1 Pcs / Adet	
EM70LS-10	DRAINAGE CAP TAHYİYE KAPAĞI	1 Pcs / Adet	
EM51LS-190	FRAME MONTAGE WEDGE KASA MONTAJ TAKOZU	((FL-2000) / 1000) + 1 Pcs / Adet	
EM51LS-1101	FRAME SEPARATOR KASA AYIRICI	2 Pcs / Adet	
EM51LS-C03	INJECTION GASKET ENJEKSİYON FİTİL	2 Set / Takım	

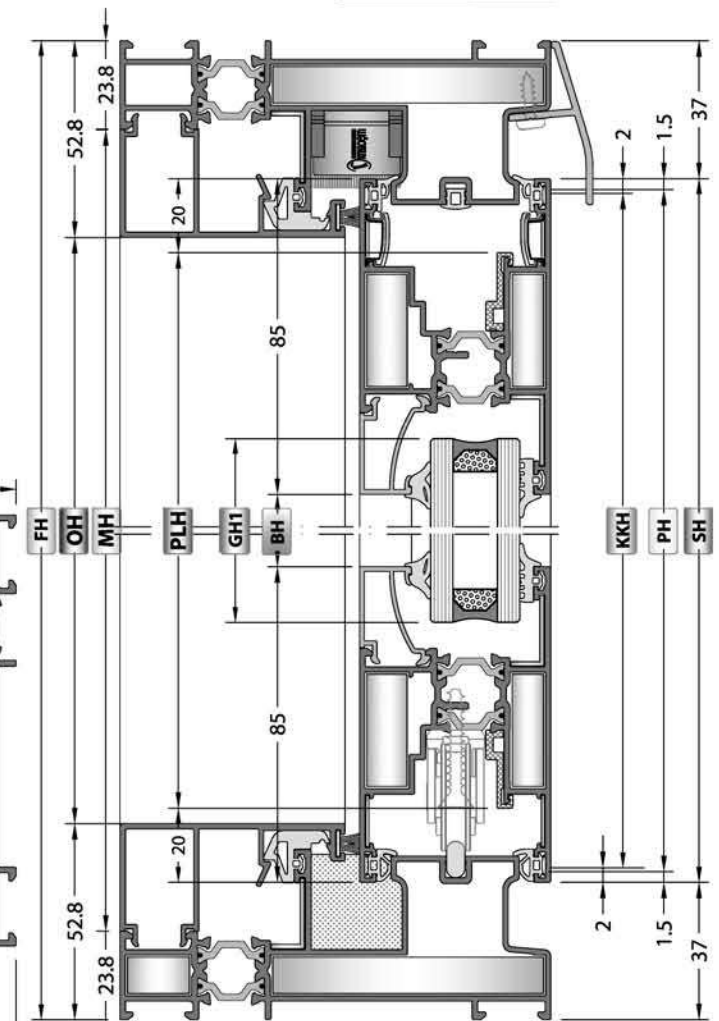
CORNER JOINTS / KÖŞE BAĞLANTILAR

Code Kod	Quantity Miktar	Picture Resim
CC-101-17.3 Or / Yada KC-801-16.9	4 Pcs / Adet	
CC-101-73.6 Or / Yada KC-801-73.1	4 Pcs / Adet	
CC-104-09.0	8 Pcs / Adet	
CC-104-11.4	8 Pcs / Adet	
EM51LS-25	12 Pcs / Adet	
MK-20.1	16 Pcs / Adet	
CC51-901-30.9	4 Pcs / Adet	
CC51-902-30.9	4 Pcs / Adet	

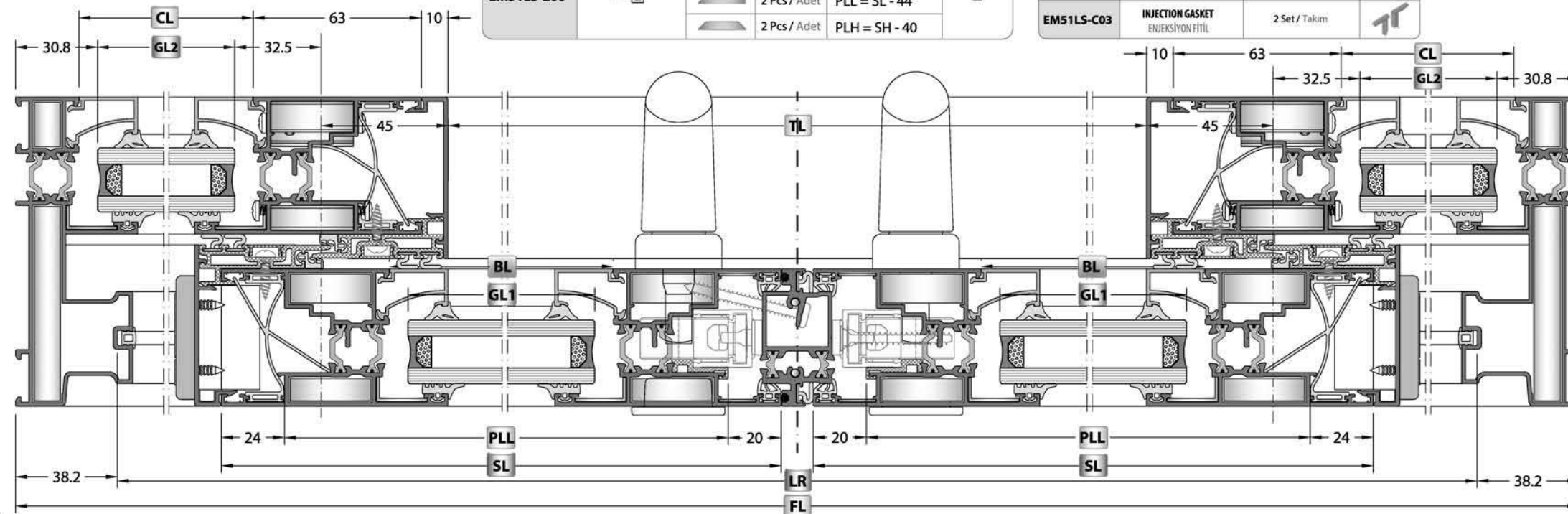
Single Rail Frame / Tek Raylı Kasa

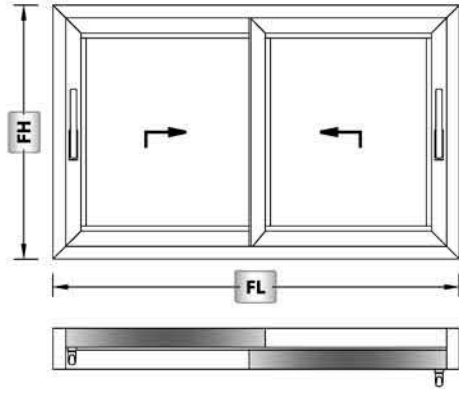


A-A SECTION / A-A KESİTİ



B-B SECTION / B-B KESİTİ





✓ Please look at the assembly drawings for mechanical treatment.
Mekanik işlemler için lütfen uygulama detayları bölümüne bakınız.

GLASS / CAM

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		2 Pcs / Adet	GL = SL - 140 GH = SH - 140

PROFILES / PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
51LS-102-00			2 Pcs / Adet	FL	-
51LS-201-00			4 Pcs / Adet	SL = $\frac{FL}{2} + 0.5$ SH = FH - 74	-
08-105-00			4 Pcs / Adet	BL = SL - 126 BH = SH - 170	-
13-134-050R			2 Pcs / Adet	LR = FL - 76.4	-
51LS-501-00			2 Pcs / Adet	AH = SH - 3	✓
* 51LS-502-00			-	OPSIONEL REINFORCE PART OPSIONEL GÜÇLENDİRME PARÇASI	✓
51LS-520-00			1 Pcs / Adet	FL	✓

PLASTIC PROFILES / PLASTİK PROFİLLER

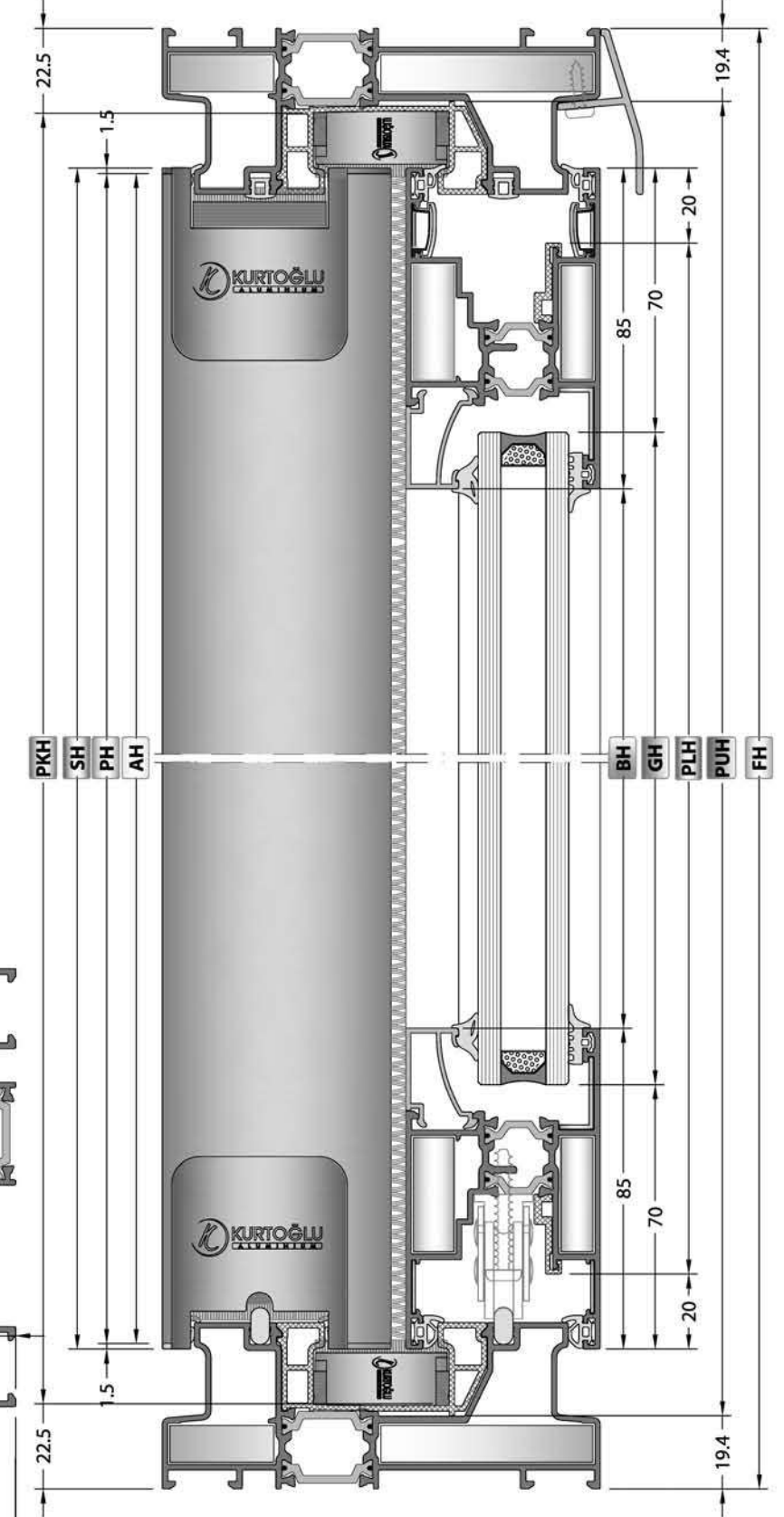
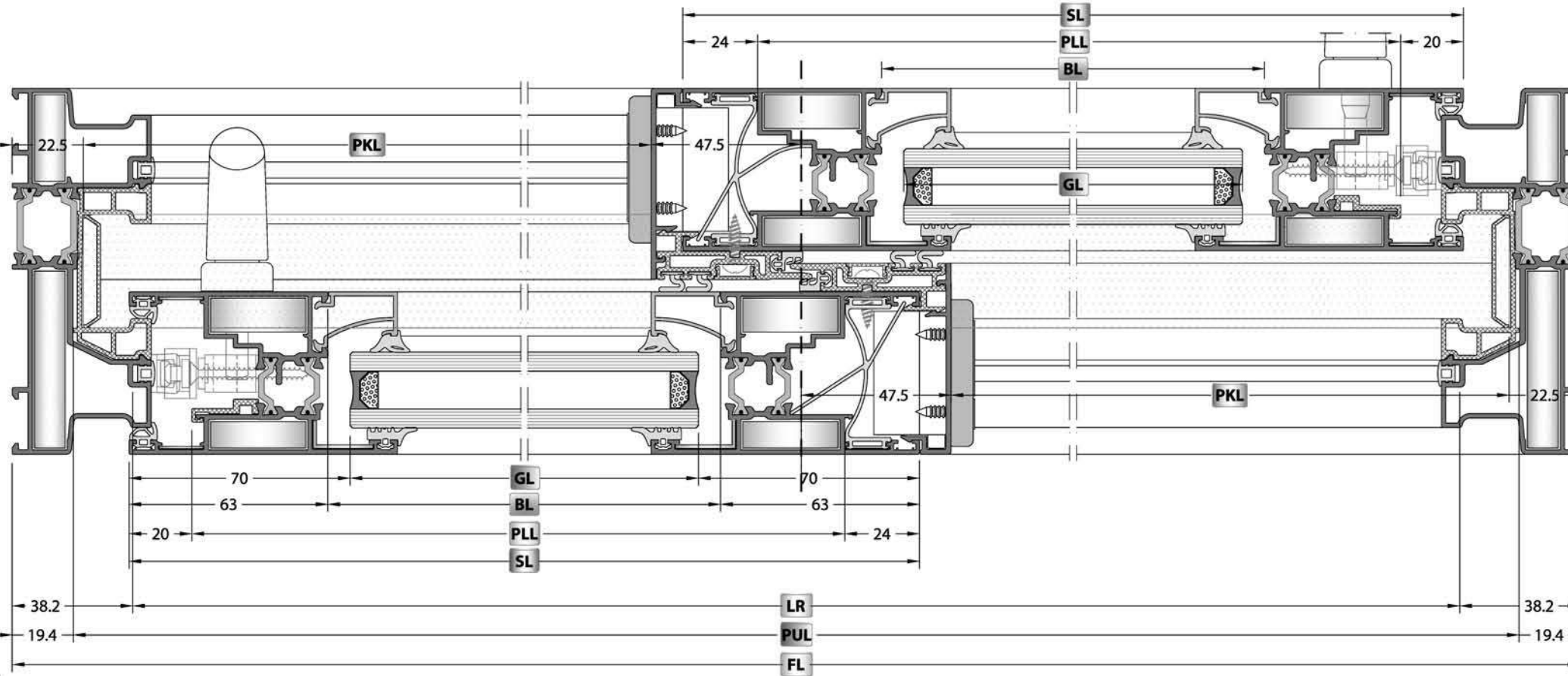
Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
EM51LS-102A			2 Pcs / Adet	PUL = FL - 38.8	-
EM51LS-102B			2 Pcs / Adet	PUH = FH - 38.8	-
EM51LS-501A			2 Pcs / Adet	PKL = $\frac{FL}{2} - 70$ PH = SH - 3	✓
EM51LS-501B			2 Pcs / Adet	PH = SH - 3	-
EM51LS-200			2 Pcs / Adet	PLL = SL - 44 PLH = SH - 40	-

GASKETS / FİTİLLER

Code Kod	Quantity Miktar	Picture Resim
EM1-XX	4SL+4SH	
EM2-03	4SL+4SH	
EM51LS-02	2SH	
EM51LS-03	4SL	
EM70LS-03	4SL + 4SH	
EM51LS-04	2SH	
EM45-05	2FL + 4FH	
EM51LS-11	4SH	

CONSUMABLE MATERIALS / SARF MALZEMELER

Code Kod	Description Açıklama	Quantity (pcs-m) Miktar (Paket)	Picture Resim
EM51LS-201	CLAMPING ACCESSORIES SET KENET AKSESUAR TAKIMI	2 Set / Takım	
EM51LS-32	WEATHER STRIP SET 2'LI KASA HAVA RESİCİ TAKIMI	1 Set / Takım	
EM51LS-07	SASH STABILITY PLASTIC KANAT DENGİ PLASTİĞİ	Sash / Kanat: c1500 mm 8 / 10 Sash / Kanat: c1500 mm 8 / 10 4 Pieces / Adet 6 Pieces / Adet	
EM70LS-09	DRAINAGE CAP TAHLİYE KAPAĞI	$\left(\frac{(FL-2)-350}{650}\right) + 1$ Pcs / Adet	
EM70LS-10	DRAINAGE CAP TAHLİYE KAPAĞI	1 Pcs / Adet	
EM51LS-190	FRAME MONTAGE WEDGE KASA MONTAJ TAKOZU	$\left(\frac{(FL-2000)}{1000}\right) + 1$ Pcs / Adet	
EM51LS-1102	FRAME SEPARATOR KASA AYIRICI	1 Pcs / Adet	
EM51LS-C03	INJECTION GASKET ENJEKSİYON FİTİL	2 Set / Takım	

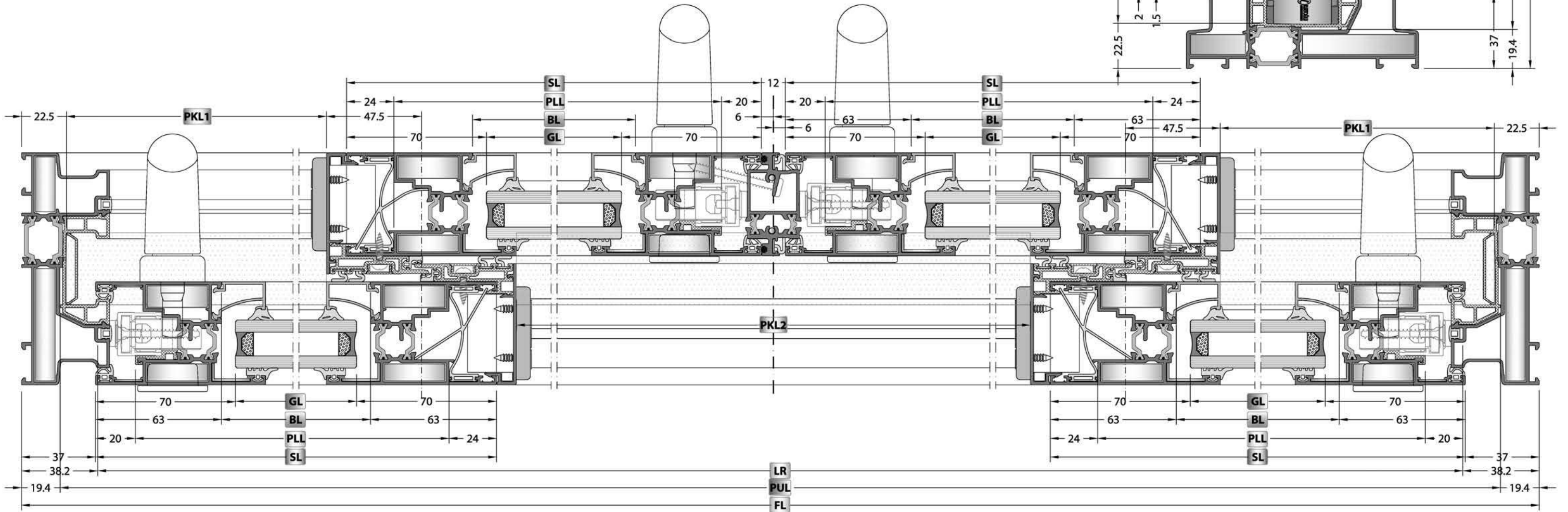
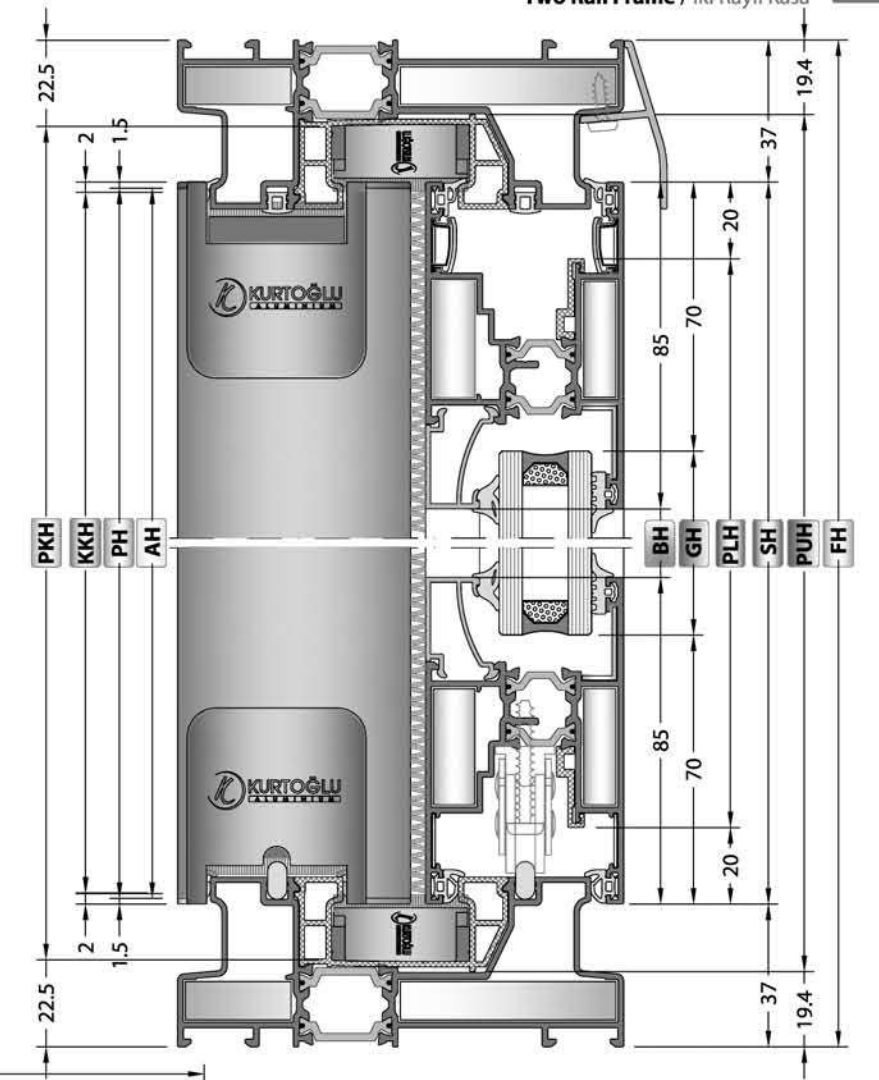
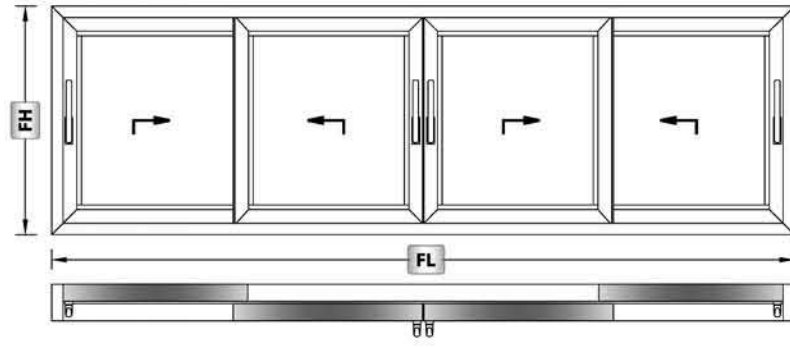


CUTTING SIZE / KESİM ÖLÇÜLERİ

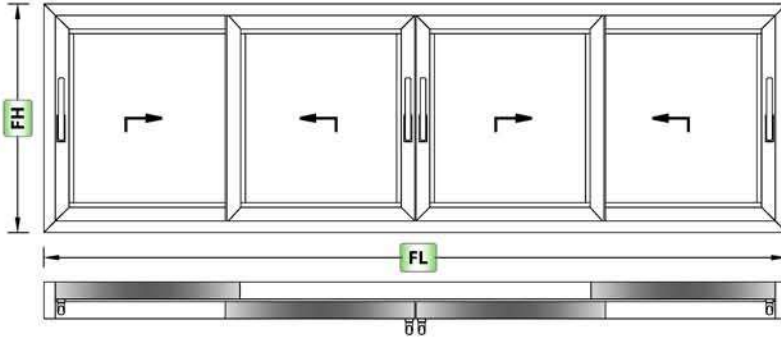
LIFT & SLIDE / KALDIR-SÜR

STANDARD CLAMP / STANDART KENET

Two Rail Frame / İki Raylı Kasa



STANDARD CLAMP / STANDART KENET



✓ Please look at the assembly drawings for mechanical treatment.
Mekanik işlemler için lütfen uygulama detayları bölümüne bakınız.

GLASS / CAM

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		4 Pcs / Adet	GL = SL - 140
			GH = SH - 140

PROFILES / PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
51LS-102-00			2 Pcs / Adet	FL	-
			2 Pcs / Adet	FH	
51LS-201-00			8 Pcs / Adet	$SL = \frac{FL}{4} + 16$	-
			8 Pcs / Adet	$SH = FH - 74$	
51LS-504-00			1 Pcs / Adet	$KKH = SH - 4$	✓
08-105-00			8 Pcs / Adet	$BL = SL - 126$	-
			8 Pcs / Adet	$BH = SH - 170$	
13-134-050R			2 Pcs / Adet	$LR = FL - 76.4$	-
51LS-501-00			4 Pcs / Adet	$AH = SH - 3$	✓
* 51LS-502-00			-	OPSİYONEL REINFORCE PART OPSİYONEL GÜÇLENDİRME PARÇASI	✓
51LS-520-00			1 Pcs / Adet	FL	✓

GASKETS / FİTİLLER

Code Kod	Quantity Miktar	Picture Resim
EM1-XX	8SL + 8SH	
EM2-03	8SL + 8SH	
EM51LS-02	4SH	
EM51LS-03	8SL	
EM70LS-03	8SL+8SH	
EM51LS-04	4SH	
EM45-05	2FL + 4FH	
EM51LS-11	10SH	
O.RING-3 mm	2SH	

CORNER JOINTS / KÖŞE BAĞLANTILAR

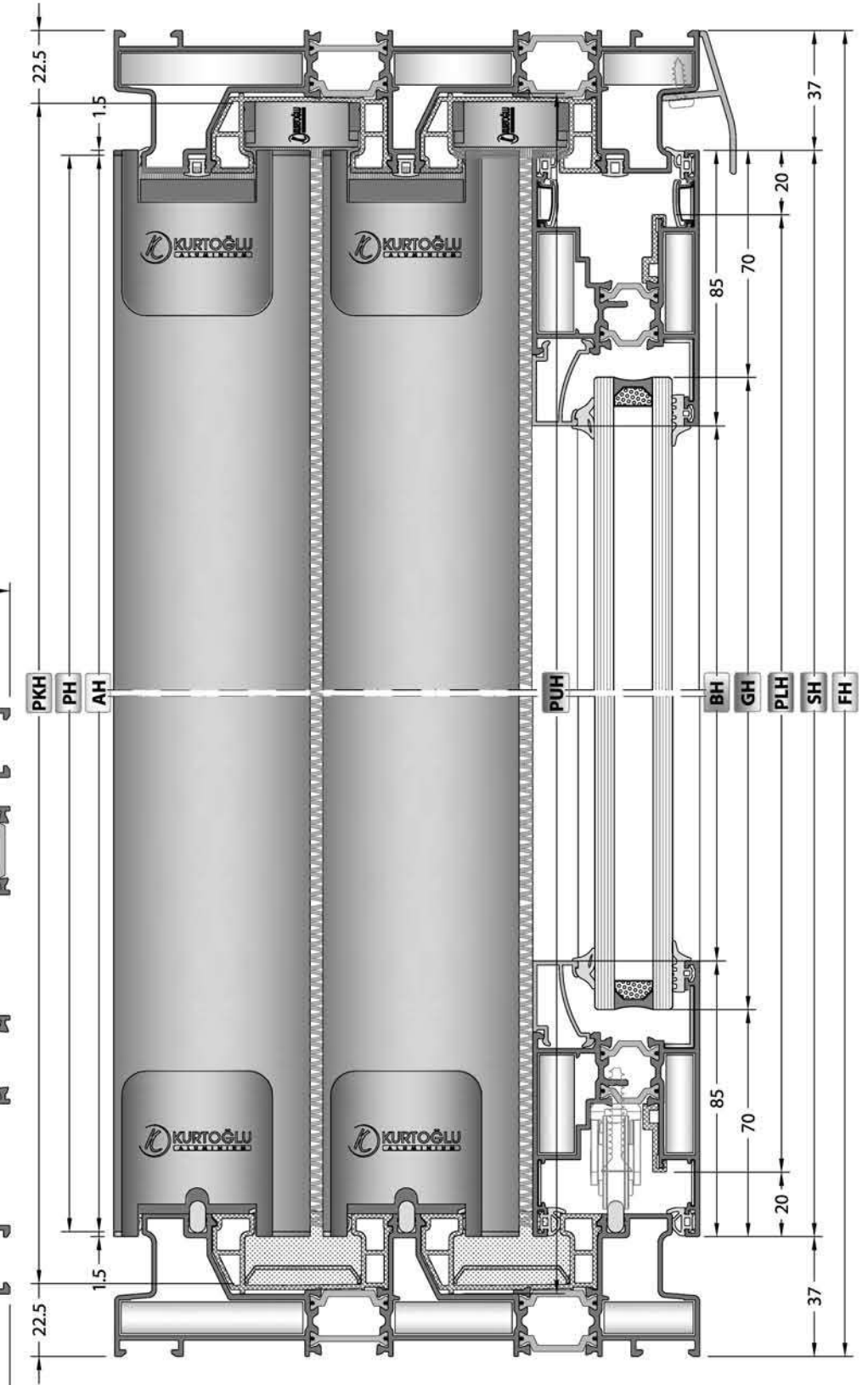
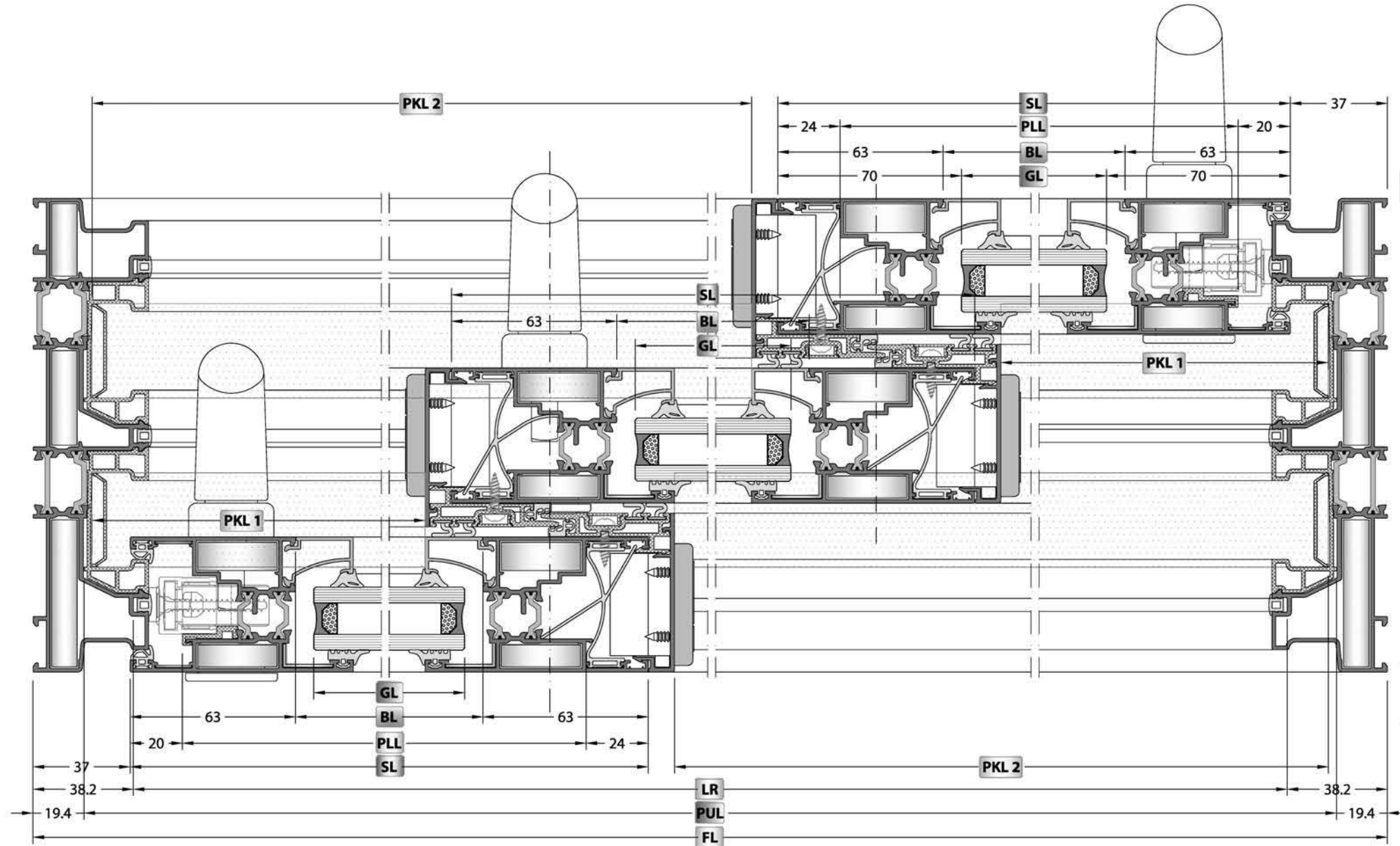
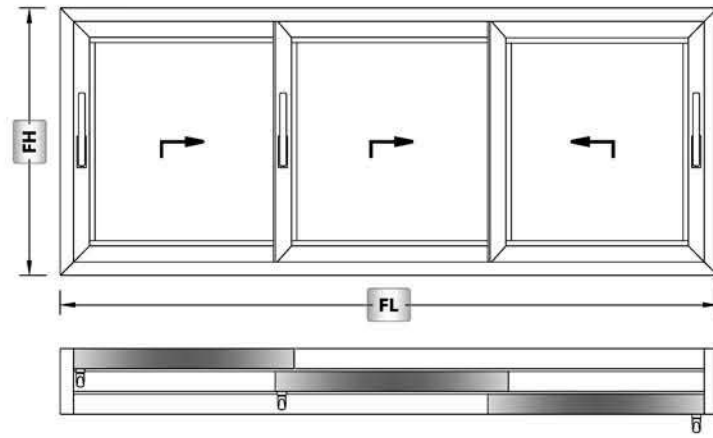
Code Kod	Quantity Miktar	Picture Resim
CC-101-28.1 Or / Yada KC-801-27.7	4 Pcs / Adet	
CC-101-56.7 Or / Yada KC-801-56.3	4 Pcs / Adet	
CC-104-09.0	16 Pcs / Adet	
CC-104-11.4	16 Pcs / Adet	
EM51LS-25	16 Pcs / Adet	
MK-20.1	32 Pcs / Adet	

PLASTIC PROFILES / PLASTİK PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
EM51LS-102A			2 Pcs / Adet	$PUL = FL - 38.8$	-
			2 Pcs / Adet	$PUH = FH - 38.8$	
EM51LS-102B			4 Pcs / Adet	$PKL1 = SL - 70.5$	-
			2 Pcs / Adet	$PKL2 = (SL \times 2) - 158$	
			2 Pcs / Adet	$PKH = FH - 45$	
EM51LS-501A			4 Pcs / Adet	$PH = SH - 3$	✓
EM51LS-501B			4 Pcs / Adet	$PH = SH - 3$	-
EM51LS-200			4 Pcs / Adet	$PLL = SL - 44$	-
			4 Pcs / Adet	$PLL = SL - 44$	
			4 Pcs / Adet	$PLH = SH - 40$	

CONSUMABLE MATERIALS / SARF MALZEMELER

Code Kod	Description Açıklama	Quantity (pcs-m) Miktar (Paket)	Picture Resim
EM51LS-201	CLAMPING ACCESSORIES SET KENET AKSESUAR TAKIMI	4 Set / Takım	
EM51LS-504	CLAMPING ACCESSORIES SET KENET AKSESUAR TAKIMI	1 Set / Takım	
EM51LS-32	WEATHER STRIP SET Z'Lİ KASA HAVA KESİCİ TAKIMI	2 Set / Takım	
EM51LS-07	SASH STABILITY PLASTIC KANAT DENGİ PLASTİĞİ	Sash Amount Kanat Adedi Sash / Kanat <1500 mm if / ise 4 Pieces / Adet Sash / Kanat ≥1500 mm if / ise 6 Pieces / Adet	
EM09-0001	SPILL / TAPA	(SH - 200) / 500 Pcs / Adet	
EM70LS-09	DRAINAGE CAP TAHLİYE KAPAĞI	((SLx2)-363) / 650 + 1 Pcs / Adet	
EM70LS-10	DRAINAGE CAP TAHLİYE KAPAĞI	2 Pcs / Adet	
EM51LS-190	FRAME MONTAGE WEDGE KASA MONTAJ TAKOZU	((FL-2000) / 1000) + 1 Pcs / Adet	
EM51LS-1102	FRAME SEPARATOR KASA AYIRICI	2 Pcs / Adet	
EM51LS-C03	INJECTION GASKET ENJEKSİYON FİTİL	4 Set / Takım	





✓ Please look at the assembly drawings for mechanical treatment.
Mekanik işlemler için lütfen uygulama detayları bölümüne bakınız.

GLASS / CAM

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		3 Pcs / Adet	GL = SL - 140 GH = SH - 140

PROFILES / PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
51LS-103-00			2 Pcs / Adet	FL	-
			2 Pcs / Adet	FH	
51LS-201-00			6 Pcs / Adet	$SL = \frac{FL + 76}{3}$	-
			6 Pcs / Adet	SH = FH - 74	
08-105-00			6 Pcs / Adet	BL = SL - 126	-
			6 Pcs / Adet	BH = SH - 170	
13-134-050R			3 Pcs / Adet	LR = FL - 76.4	-
51LS-501-00			4 Pcs / Adet	AH = SH - 3	✓
* 51LS-502-00			-	OPSIONEL REINFORCE PART OPSİYONEL GÜÇLENDİRME PARÇASI	✓
51LS-520-00			1 Pcs / Adet	FL	✓

GASKETS / FİTİLLER

Code Kod	Quantity Miktar	Picture Resim
EM1-XX	6SL + 6SH	
EM2-03	6SL + 6SH	
EM51LS-02	4SH	
EM51LS-03	6SL	
EM70LS-03	6SL+4SH	
EM51LS-04	4SH	
EM45-05	3FL + 6FH	
EM51LS-11	8SH	

CORNER JOINTS / KÖŞE BAĞLANTILAR

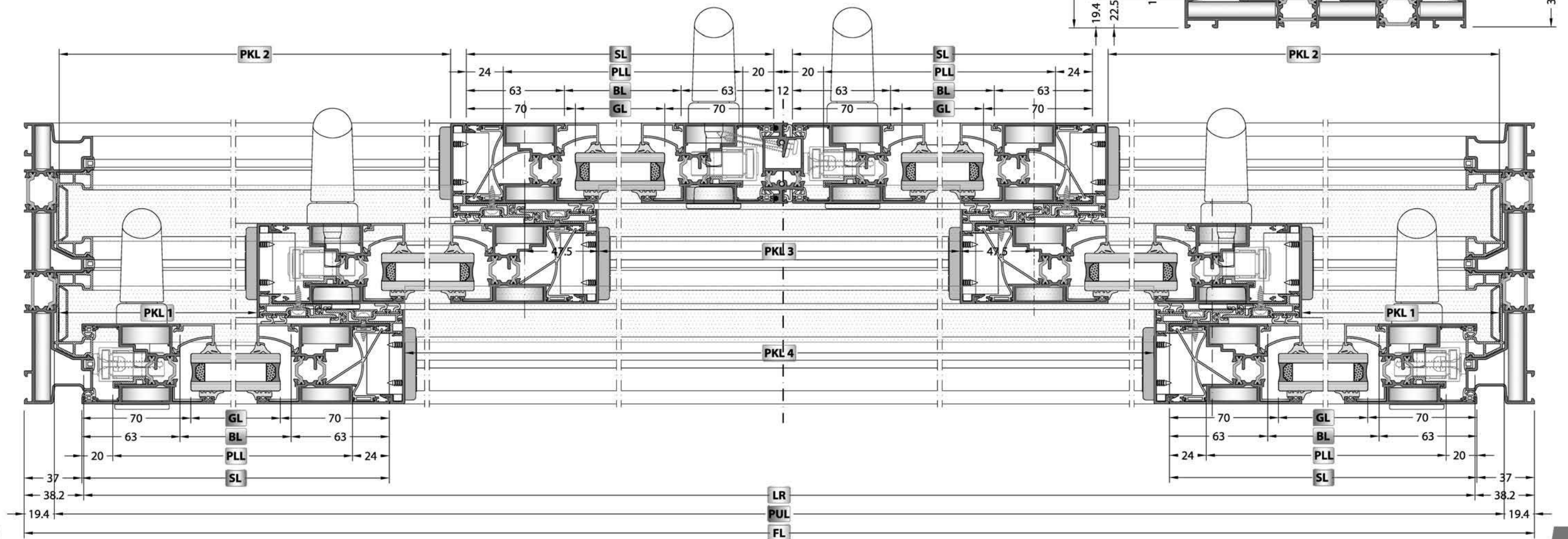
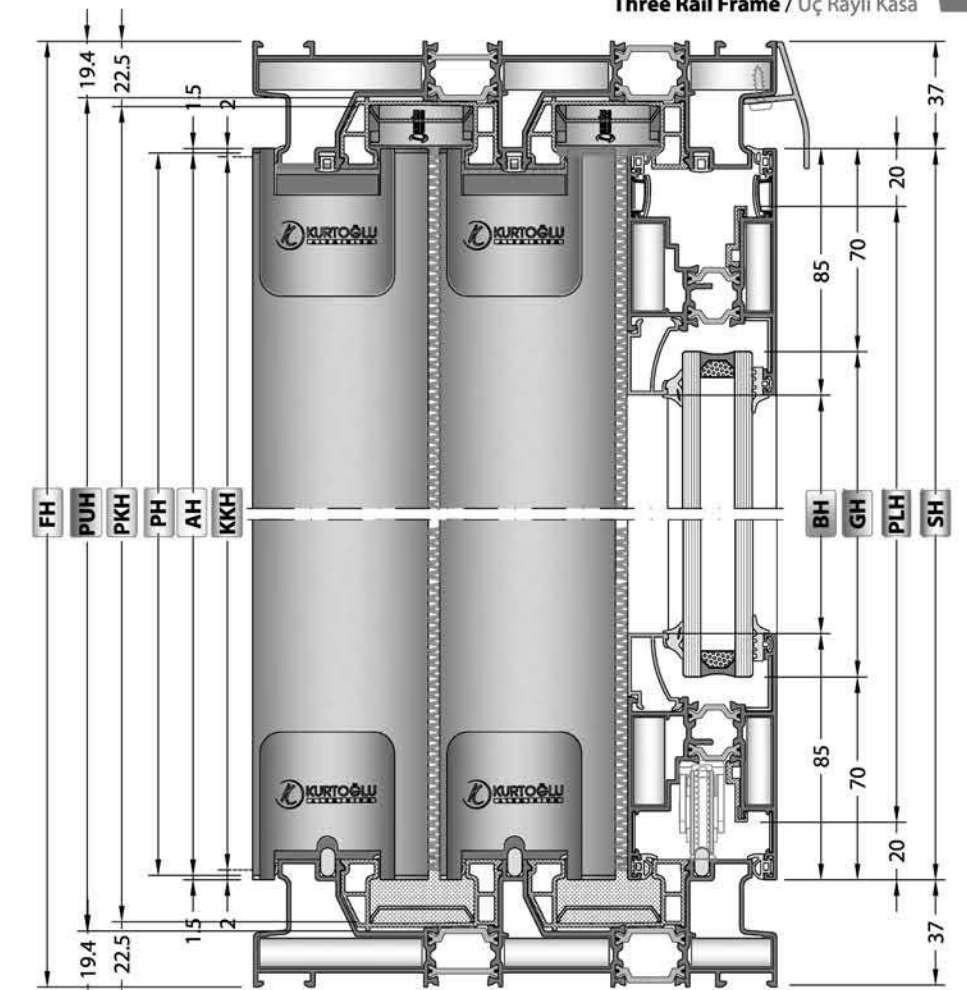
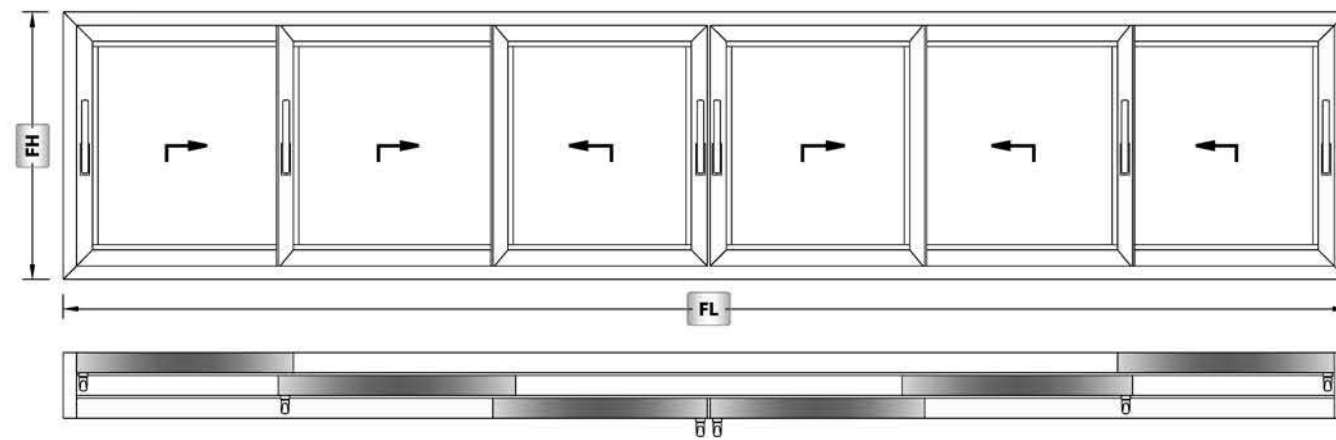
Code Kod	Quantity Miktar	Picture Resim
CC-101-28.1 Or / Yada KC-801-27.7	4 Pcs / Adet	
CC-101-36.7 Or / Yada KC-801-36.3	4 Pcs / Adet	
CC-101-56.7 Or / Yada KC-801-56.3	4 Pcs / Adet	
CC-104-09.0	12 Pcs / Adet	
CC-104-11.4	12 Pcs / Adet	
EM51LS-25	12 Pcs / Adet	
MK-20.1	24 Pcs / Adet	

PLASTIC PROFILES / PLASTİK PROFİLLER

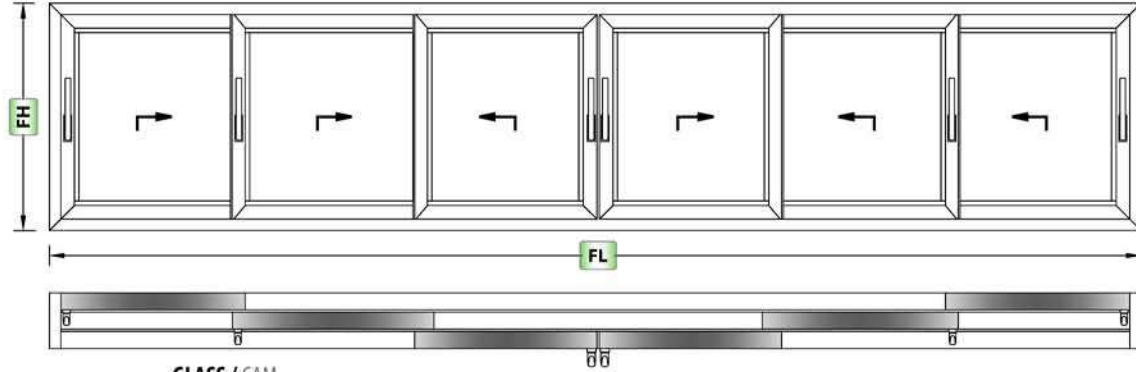
Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
EM51LS-102A			4 Pcs / Adet	PUL = FL - 38.8	-
			4 Pcs / Adet	PUH = FH - 38.8	
EM51LS-102B			4 Pcs / Adet	PKL 1 = SL - 70.5	-
			4 Pcs / Adet	PKL 2 = (SLx2) - 145.5	
			4 Pcs / Adet	PKH = FH - 45	
EM51LS-501A			4 Pcs / Adet	PH = SH - 3	✓
EM51LS-501B			4 Pcs / Adet	PH = SH - 3	-
EM51LS-200			4 Pcs / Adet	PLL = SL - 44	-
			2 Pcs / Adet		
			2 Pcs / Adet	PLH = SH - 40	

CONSUMABLE MATERIALS / SARF MALZEMELER

Code Kod	Description Açıklama	Quantity (pcs-m) Miktar (Paket)	Picture Resim
EM51LS-201	CLAMPING ACCESSORIES SET KENET AKSESUAR TAKIMI	4 Set / Takım	
EM51LS-32	WEATHER STRIP SET 2'LI KASA HAVA KESİCİ TAKIMI	2 Set / Takım	
EM51LS-07	SASH STABILITY PLASTIC KANAT DENGE PLASTİĞİ	Sash Amount Kanat Adedi Sash / Kanat ≤ 1500 mm if / Use 4 Pieces / Adet Sash / Kanat > 1500 mm if / Use 6 Pieces / Adet	
EM70LS-09	DRAINAGE CAP TAHLİYE KAPAĞI	((2SL-375) / 650) + 1 Pcs / Adet	
EM70LS-10	DRAINAGE CAP TAHLİYE KAPAĞI	1 Pcs / Adet	
EM51LS-190	FRAME MONTAGE WEDGE KASA MONTAJ TAKOZU	((FL-2000) / 1000) + 1 Pcs / Adet	
EM51LS-1102	FRAME SEPARATOR KASA AYIRICI	1 Pcs / Adet	
EM51LS-C03	INJECTION GASKET ENJEKSİYON FİTİL	2 Set / Takım	



STANDARD CLAMP / STANDART KENET



GLASS / CAM

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		6 Pcs / Adet	GL = SL - 140 GH = SH - 140

✓ Please look at the assembly drawings for mechanical treatment.
Mekanik işlemler için lütfen uygulama detayları bölümüne bakınız.

PROFILES / PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
51LS-103-00			2 Pcs / Adet	FL	-
			2 Pcs / Adet	FH	
51LS-201-00			12 Pcs / Adet	$SL = \frac{FL + 214}{6}$	-
			12 Pcs / Adet	SH = FH - 74	
51LS-504-00			1 Pcs / Adet	KKH = SH - 4	✓
08-105-00			12 Pcs / Adet	BL = SL - 126	-
			12 Pcs / Adet	BH = SH - 170	
13-134-050R			3 Pcs / Adet	LR = FL - 76.4	-
51LS-501-00			8 Pcs / Adet	AH = SH - 3	✓
* 51LS-502-00			-	OPSIONEL REINFORCE PART OPSIONEL GÜÇLENDİRME PARÇASI	✓
51LS-520-00			1 Pcs / Adet	FL	✓

PLASTIC PROFILES / PLASTİK PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
EM51LS-102A			4 Pcs / Adet	PUL = FL - 38.8	-
			4 Pcs / Adet	PUH = FH - 38.8	
EM51LS-102B			4 Pcs / Adet	PKL 1 = SL - 70.5	-
			4 Pcs / Adet	PKL 2 = (SLx2) - 145.5	
			2 Pcs / Adet	PKL 3 = (SLx2)-158	
			2 Pcs / Adet	PKL 4 = (SLx4)-308	
			4 Pcs / Adet	PKH = FH - 45	
EM51LS-501A			8 Pcs / Adet	PH = SH - 3	✓
EM51LS-501B			8 Pcs / Adet	PH = SH - 3	-
EM51LS-200			8 Pcs / Adet	PLL = SL - 44	-
			4 Pcs / Adet	PLL = SL - 47	
			4 Pcs / Adet	PLH = SH - 40	

GASKETS / FİTİLLER

Code Kod	Quantity Miktar	Picture Resim
EM1-XX	12SL + 12SH	
EM2-03	12SL + 12SH	
EM51LS-02	8SH	
EM51LS-03	12SL	
EM70LS-03	12SL+8SH	
EM51LS-04	6SH	
EM45-05	3FL + 6FH	
EM51LS-11	18SH	
O.RING-3 mm	2SH	

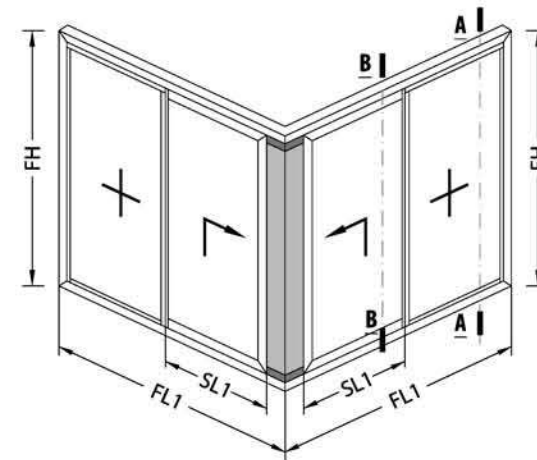
CORNER JOINTS / KÖŞE BAĞLANTILAR

Code Kod	Quantity Miktar	Picture Resim
CC-101-28.1 Or / Yada KC-801-27.7	4 Pcs / Adet	
CC-101-36.7 Or / Yada KC-801-36.3	4 Pcs / Adet	
CC-101-56.7 Or / Yada KC-801-56.3	4 Pcs / Adet	
CC-104-09.0	24 Pcs / Adet	
CC-104-11.4	24 Pcs / Adet	
EM51LS-25	24 Pcs / Adet	
MK-20.1	48 Pcs / Adet	

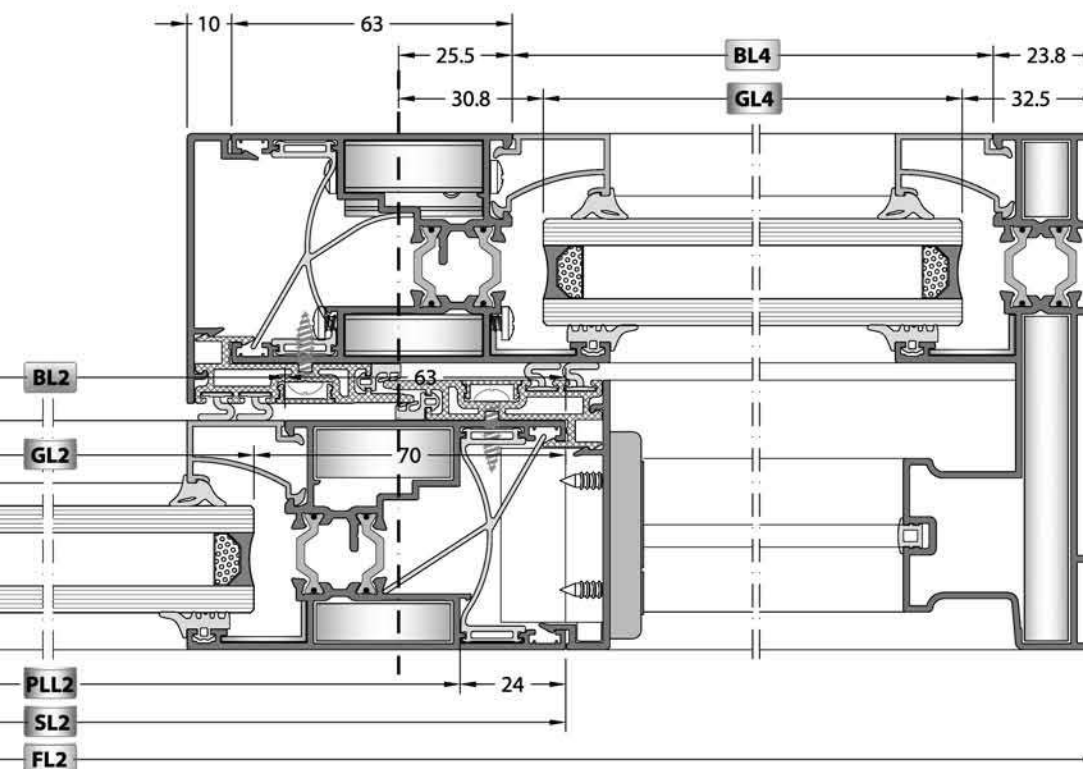
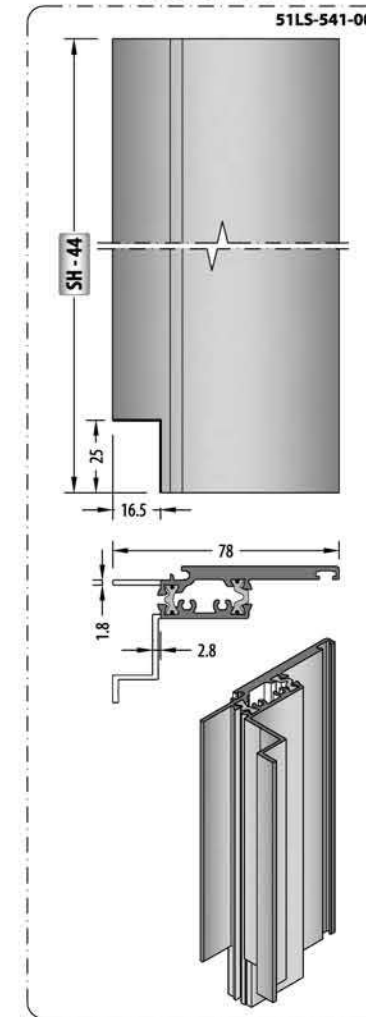
CONSUMABLE MATERIALS / SARF MALZEMELER

Code Kod	Description Açıklama	Quantity (pcs-m) Miktar (Paket)	Picture Resim
EM51LS-201	CLAMPING ACCESSORIES SET KENET AKSESUAR TAKIMI	8 Set / Takım	
EM51LS-504	CLAMPING ACCESSORIES SET KENET AKSESUAR TAKIMI	1 Set / Takım	
EM51LS-32	WEATHER STRIP SET Z'LI KASA HAVA KESİCİ TAKIMI	4 Set / Takım	
EM51LS-07	SASH STABILITY PLASTIC KANAT DENGİ PLASTİĞİ	Sash Amount Kanat Adedi Sash / Kanat ≤1500 mm If / Use 4 Pieces / Adet Sash / Kanat > 1500 mm If / Use 6 Pieces / Adet	
EM09-0001	SPILL / TAPA	(SH - 200) / 500 Pcs / Adet	
EM70LS-09	DRAINAGE CAP TAHLİYE KAPAĞI	((4SL-513) / 650) + 1 Pcs / Adet	
EM70LS-10	DRAINAGE CAP TAHLİYE KAPAĞI	2 Pcs / Adet	
EM51LS-190	FRAME MONTAGE WEDGE KASA MONTAJ TAKOZU	((FL-2000) / 1000) + 1 Pcs / Adet	
EM51LS-1102	FRAME SEPARATOR KASA AYIRICI	2 Pcs / Adet	
EM51LS-C03	INJECTION GASKET ENJEKSİYON FİTİL	4 Set / Takım	

STANDARD CLAMP / STANDART KENET



51LS-541-00



Single Rail Frame / Tek Raylı

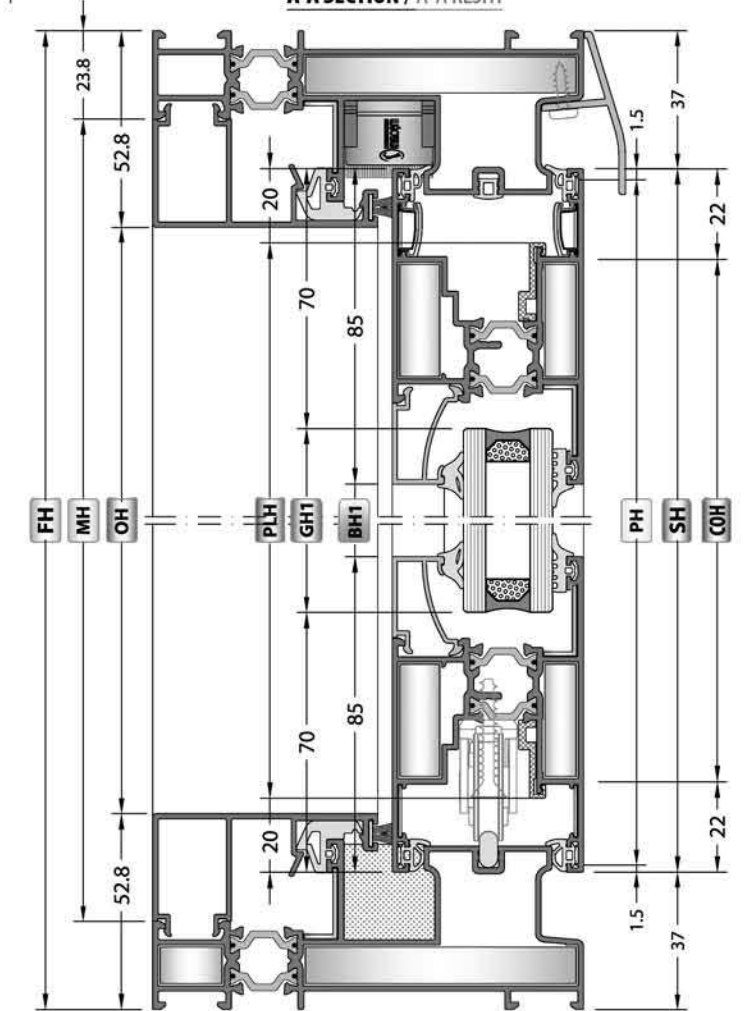
FH KH GH2 BH2 NH AH

23.8 30.8 45.8 38.5 38.5 138.5 1.5 1.5

KURTOĞLU

A-A SECTION / A-A KESİTİ

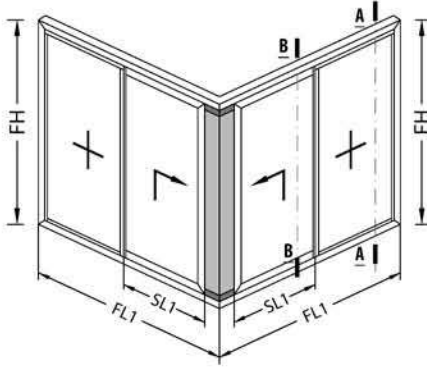
A-A SECTION / A-A KESİTİ



B-B SECTION / B-B KESİTİ

LIFT & SLIDE / KALDIR-SÜR

STANDARD CLAMP / STANDART KENET



✓ Please look at the assembly drawings for mechanical treatment.
Mekanik işlemler için lütfen uygulama detayları bölümüne bakınız.

SASH GLASS / KANAT CAMI

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		1 Pcs / Adet	GL1 = SL1 - 140
			GH = SH - 140
		1 Pcs / Adet	GL2 = SL2 - 140
			GH = SH - 140

FIXED SIDE GLASS / SABİT KISIM CAMI

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		1 Pcs / Adet	GL3 = GL1+40
			GH = FH - 61.6
		1 Pcs / Adet	GL4 = GL2+40
			GH = FH - 61.6

PROFILES / PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
51LS-101-00			2 Pcs / Adet	FL1	-
			2 Pcs / Adet	FL2	
			2 Pcs / Adet	FH	
51LS-201-00			2 Pcs / Adet	SL1 = (FL/2)+10	-
			2 Pcs / Adet	SL2 = (FL/2)+11	-
			4 Pcs / Adet	SH = FH - 74	-
			2 Pcs / Adet	MH = FH - 47.6	✓
51LS-541-00			1 Pcs / Adet	SH - 44	✓
51LS-542-00			1 Pcs / Adet	SH - 44	-
08-105-00			2 Pcs / Adet	BL1 = SL1 - 126	-
			2 Pcs / Adet	BL2 = SL2 - 126	
			2 Pcs / Adet	BL3 = SL1 - 86	
			2 Pcs / Adet	BL4 = SL2 - 86	
			4 Pcs / Adet	BH = SH - 170	
			4 Pcs / Adet	CH = FH - 91.6	
13-134-050R			1 Pcs / Adet	FL1 - 62	-
			1 Pcs / Adet	FL2 - 62	
51LS-401-00			2 Pcs / Adet	SL1 - 86	-
			2 Pcs / Adet	SL2 - 89	
51LS-413-00			2 Pcs / Adet	OH = FH - 105.6	-
51LS-501-00			2 Pcs / Adet	AH = SH - 3	✓
			2 Pcs / Adet	KH = FH - 47.6	
51LS-502-00				OPSİYONEL REINFORCE PART OPSİYONEL GÜÇLENDİRME PARÇASI	✓
51LS-520-00			1 Pcs / Adet	FL1 + 11	✓
			1 Pcs / Adet	FL2 + 11	

PLASTIC PROFILES / PLASTİK PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
EM51LS-501A			2 Pcs / Adet	PH = SH - 3	✓
			2 Pcs / Adet	NH = FH - 77	
EM51LS-501B			2 Pcs / Adet	PH = SH - 3	-
			2 Pcs / Adet	NH = FH - 77	
EM51LS-200			2 Pcs / Adet	PLL = SL1 - 44	-
			2 Pcs / Adet	PLL = SL2 - 44	
			2 Pcs / Adet	PLH = SH - 40	

GASKETS / FİTİLLER

Code Kod	Quantity Miktar	Picture Resim
EM1-XX	2FL1 + 2FL2 + 8SH	
EM2-03	2FL1 + 2FL2 + 8SH	
EM51LS-02	4SH	
EM51LS-03	2SL1 + 2SL2	
EM70LS-03	2SL1 + 2SL2 + 4SH	
EM51LS-04	4SH	
EM70LS-05	2SL1 + 2SL2 + 2SH	
EM45-05	1FL1 + 1FL2 + 2FH	
PB-7-800	2SL1 + 2SL2 + 2FH	
EM51LS-11	8SH	
O.RING-3 mm	3SH	

CORNER JOINTS / KÖŞE BAĞLANTILAR

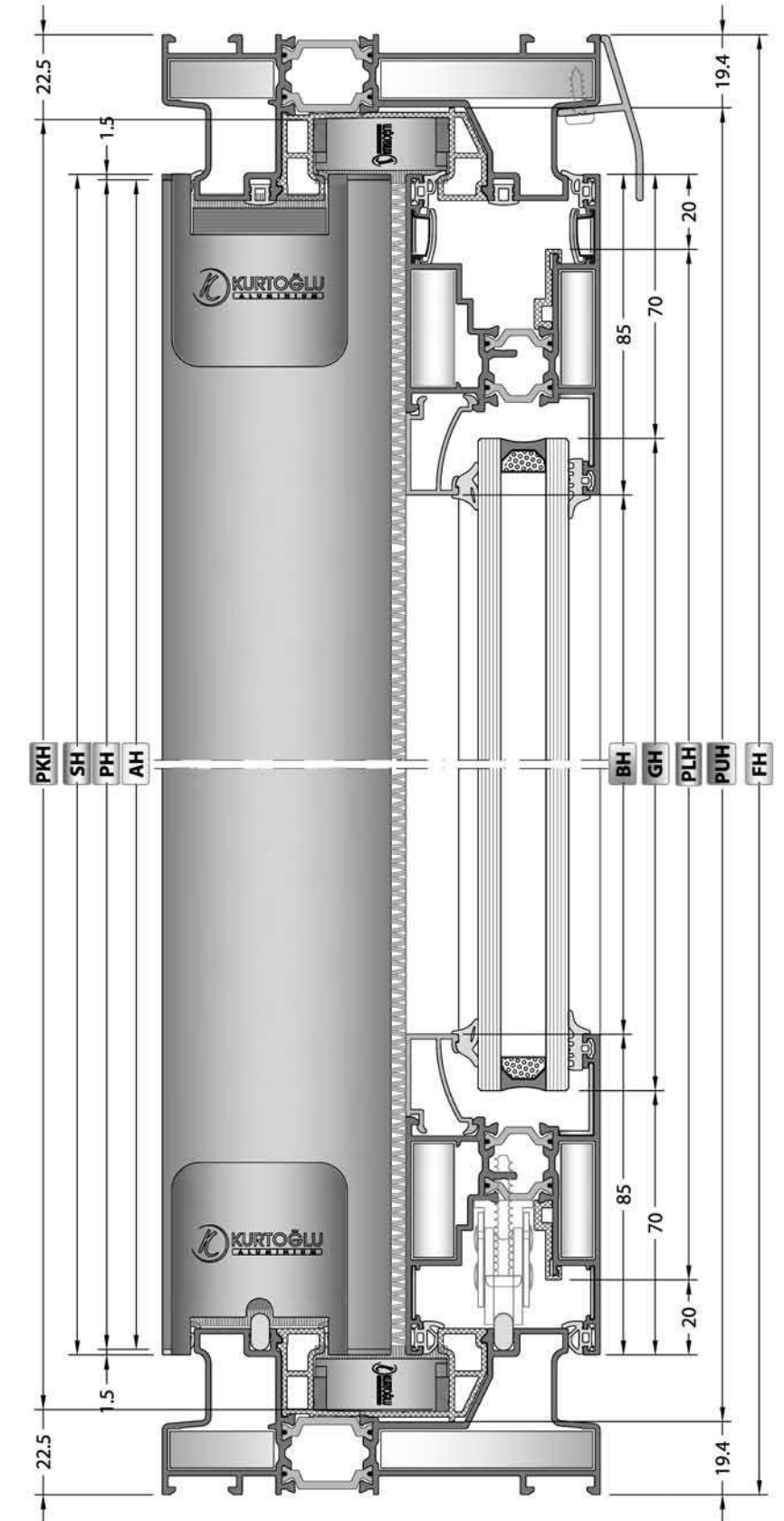
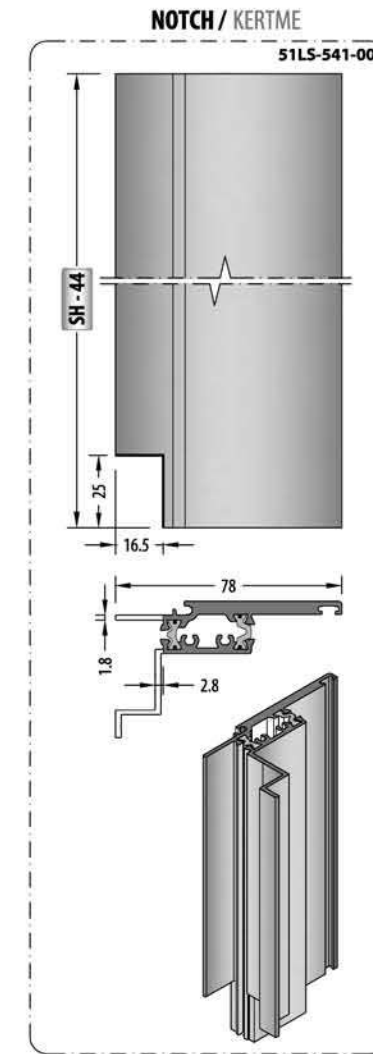
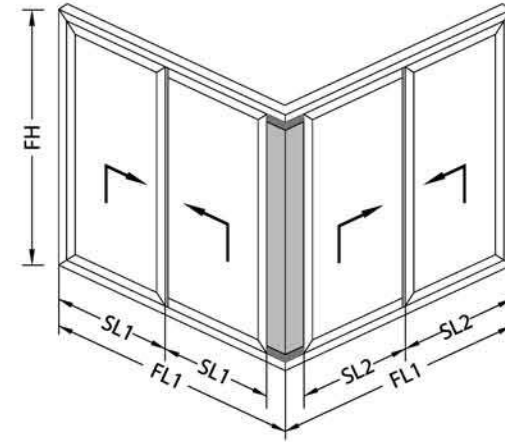
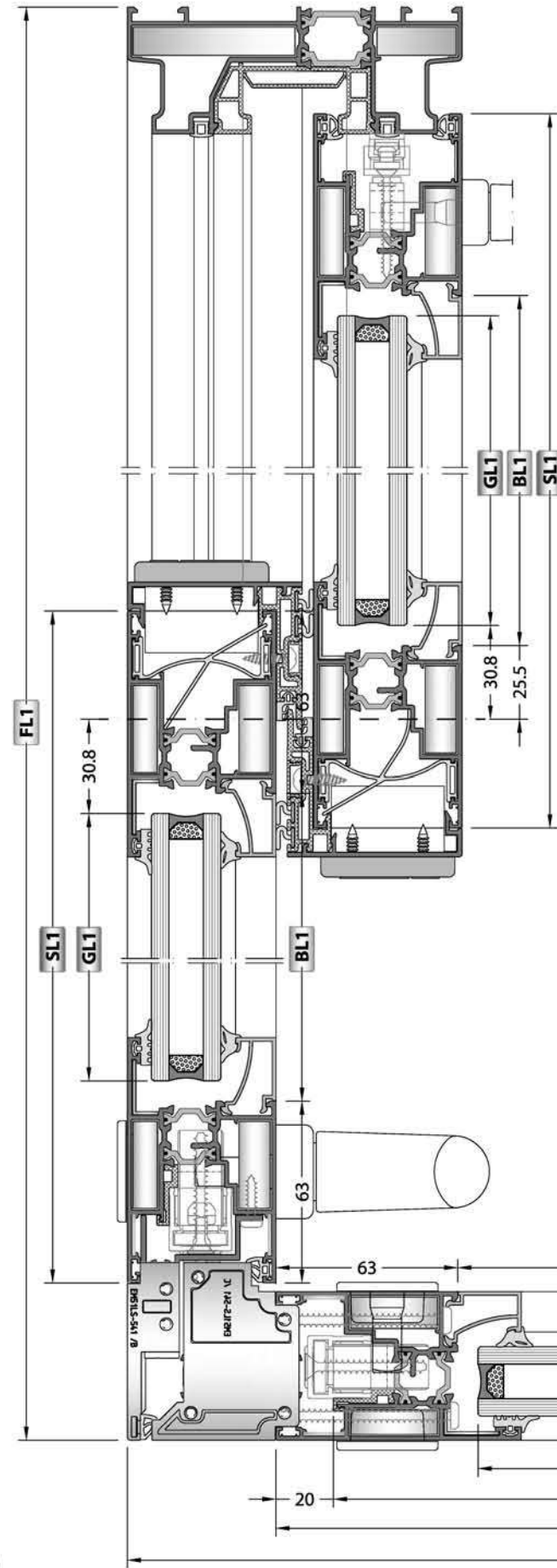
Code Kod	Quantity Miktar	Picture Resim
CC-101-17.3 Or / Yada KC-801-16.9	4 Pcs / Adet	
CC-101-73.6 Or / Yada KC-801-73.1	4 Pcs / Adet	
CA51LS-121	2 Pcs / Adet	
CA51LS-121	2 Pcs / Adet	
CC-104-09.0	8 Pcs / Adet	
CC-104-11.4	8 Pcs / Adet	
EM51LS-25	12 Pcs / Adet	
MK-20.1	16 Pcs / Adet	
CC51-901-30.9	4 Pcs / Adet	
CC51-902-30.9	4 Pcs / Adet	

CONSUMABLE MATERIALS / SARF MALZEMELER

Code Kod	Description Açıklama	Quantity (pcs-m) Miktar (Paket)	Picture Resim
EM51LS-201	CLAMPING ACCESSORIES SET KENET AKSESUAR TAKIMI	2 Set / Takım	
EM51LS-31	FIXED WEATHER STRIP SET SABİTLİ HAVA KESİCİ TAKIMI	2 Set / Takım	
EM51LS-07	SASH STABILITY PLASTIC KANAT DENGİ PLASTİĞİ	Sash Amount Kanat Adedi Sash / Kanat < 1500 mm if / ise 4 Pieces / Adet Sash / Kanat > 1500 mm if / ise 6 Pieces / Adet	
EM70LS-09	DRAINAGE CAP TAHLİYE KAPAĞI	((FL1/2)-350) / 650 + 1 ((FL2/2)-350) / 650 + 1 Pcs / Adet	
EM70LS-10	DRAINAGE CAP TAHLİYE KAPAĞI	2 Pcs / Adet	
EM51LS-190	FRAME MONTAGE WEDGE KASA MONTAJ TAKOZU	((FL1-2000) / 1000) + 1 ((FL2-2000) / 1000) + 1 Pcs / Adet	
EM51LS-1101	FRAME SEPARATOR KASA AYIRICI	2 Pcs / Adet	
EM51LS-C03	INJECTION GASKET ENJEKSİYON FİTİL	1 Set / Takım	
EM51LS-541	CORNER CAP SET KÖŞE DÖNÜŞ KAPAK	1 Set / Takım	

LIFT & SLIDE / KALDIR-SÜR

STANDARD CLAMP / STANDART KENET



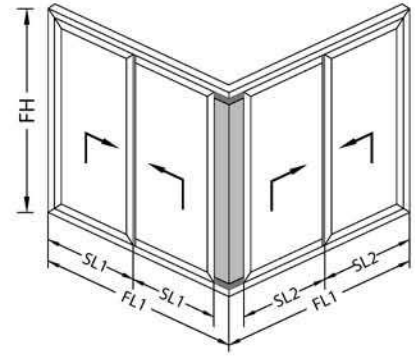
STANDARD CLAMP / STANDART KENET

GLASS / CAM

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		2 Pcs / Adet	GL1 = SL1 - 140
			GH = SH - 140
		2 Pcs / Adet	GL2 = SL2 - 140
			GH = SH - 140



Please look at the assembly drawings for mechanical treatment.
Mekanik işlemler için lütfen uygulama detayları bölümüne bakınız.



PROFILES / PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
51LS-102-00			2 Pcs / Adet	FL1	-
			2 Pcs / Adet	FL2	
			2 Pcs / Adet	FH	
51LS-201-00			2 Pcs / Adet	SL1 = (FL-16.5) / 2	-
			2 Pcs / Adet	SL2 = (FL-13.5) / 2	-
			4 Pcs / Adet	SH = FH - 74	-
51LS-541-00			1 Pcs / Adet	SH - 44	✓
51LS-542-00			1 Pcs / Adet	SH - 44	-
08-105-00			4 Pcs / Adet	BL1 = SL1 - 126	-
			4 Pcs / Adet	BL2 = SL2 - 126	
			8 Pcs / Adet	BH = SH - 170	
13-134-050R			1 Pcs / Adet	FL1 - 62	-
			1 Pcs / Adet	FL1 - 126	
			1 Pcs / Adet	FL2 - 62	
			1 Pcs / Adet	FL2 - 126	
51LS-501-00			4 Pcs / Adet	AH = SH - 3	✓
* 51LS-502-00			-	OPSIONEL REINFORCE PART OPSIONEL GÜÇLENDİRME PARÇASI	✓
51LS-520-00			1 Pcs / Adet	FL1 + 11	✓
			1 Pcs / Adet	FL2 + 11	

PLASTIC PROFILES / PLASTİK PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
EM51LS-102A			2 Pcs / Adet	FL1 - 49	-
			2 Pcs / Adet	FL2 - 49	
			2 Pcs / Adet	FH - 38.8	
EM51LS-102B			4 Pcs / Adet	(FL1 / 2) - 70	-
			2 Pcs / Adet	(FL2 / 2) - 70	
			2 Pcs / Adet	(FL2 / 2) - 73	
			2 Pcs / Adet	PKH = FH - 45	
EM51LS-501A			4 Pcs / Adet	PH = SH - 3	✓
EM51LS-501B			4 Pcs / Adet	PH = SH - 3	-
EM51LS-200			4 Pcs / Adet	SL1 - 44	-
			4 Pcs / Adet	SL2 - 44	
			4 Pcs / Adet	PLH = SH - 40	

GASKETS / FİTİLLER

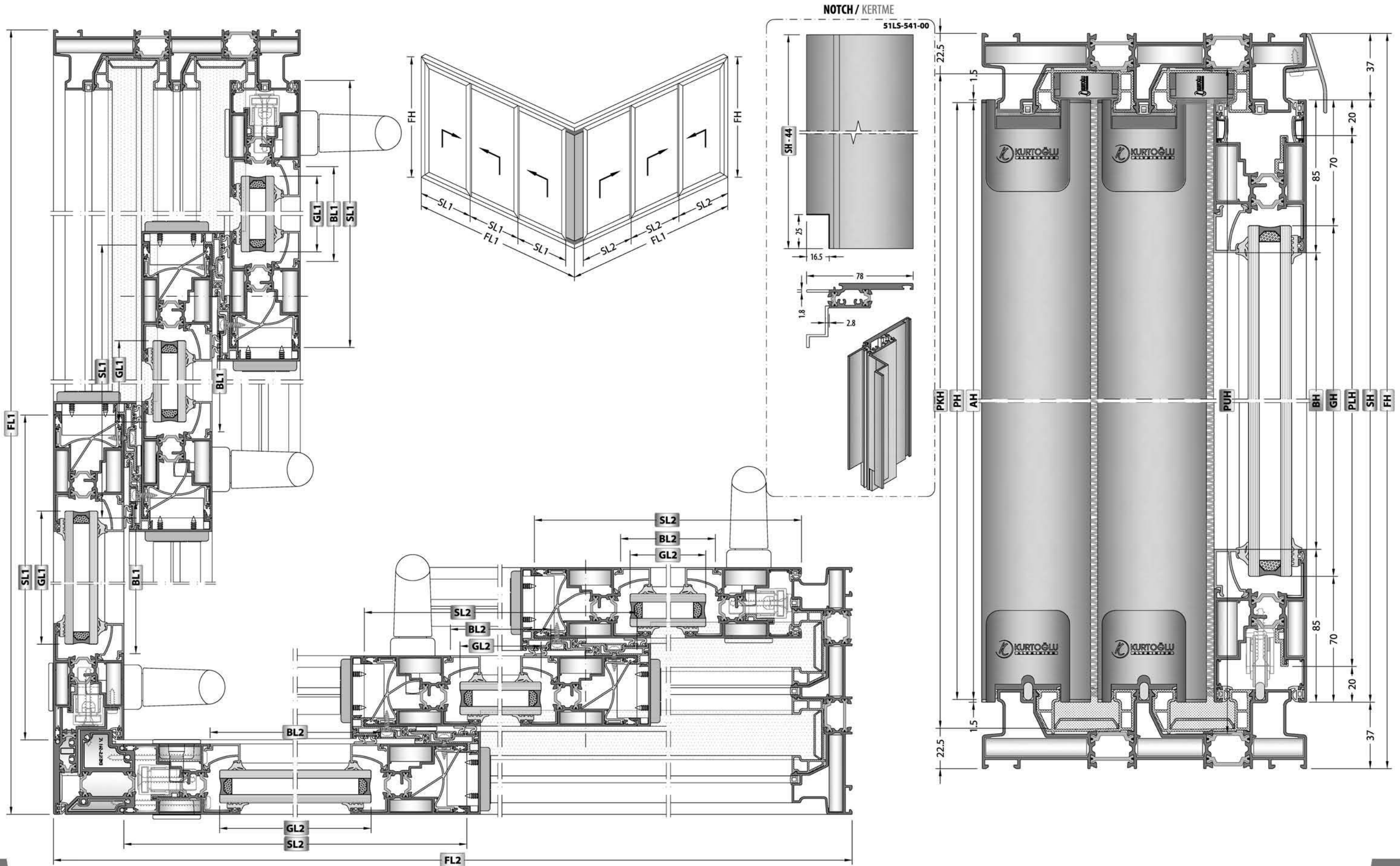
Code Kod	Quantity Miktar	Picture Resim
EM1-XX	4SL1 + 4SL2 + 8SH	
EM2-03	4SL1 + 4SL2 + 8SH	
EM51LS-02	4SH	
EM51LS-03	4SL1 + 4SL2	
EM70LS-03	4SL1 + 4SL2 + 6SH	
EM51LS-04	4SH	
EM45-05	1FL1 + 1FL2 + 2FH	
EM51LS-11	8SH	
O.RING-3 mm	3SH	

CORNER JOINTS / KÖŞE BAĞLANTILAR

Code Kod	Quantity Miktar	Picture Resim
CC-101-28.1 Or / Yada KC-801-27.7	4 Pcs / Adet	
CC-101-56.7 Or / Yada KC-801-56.3	4 Pcs / Adet	
CA51LS-122	2 Pcs / Adet	
CA51LS-123	2 Pcs / Adet	
CC-104-09.0	16 Pcs / Adet	
CC-104-11.4	16 Pcs / Adet	
EM51LS-25	16 Pcs / Adet	
MK-20.1	32 Pcs / Adet	

CONSUMABLE MATERIALS / SARF MALZEMELER

Code Kod	Description Açıklama	Quantity (pcs-m) Miktar (Paket)	Picture Resim
EM51LS-201	CLAMPING ACCESSORIES SET KENET AKSESUAR TAKIMI	4 Set / Takım	
EM51LS-32	WEATHER STRIP SET 2'Lİ KASA HAVA KESİCİ TAKIMI	2 Set / Takım	
EM51LS-07	SASH STABILITY PLASTIC KARAT DENGECİ PLASTİĞİ	Sash Anatoli Sash / Karat ≥ 1500 mm if / in 4 Pieces / Adet Sash / Karat ≥ 1500 mm if / in 6 Pieces / Adet	
EM70LS-09	DRAINAGE CAP TAHLİYE KAPAKI	((((FL1/2)-350) / 650) + 1 (((FL2/2)-350) / 650) + 1 Pcs / Adet	
EM70LS-10	DRAINAGE CAP TAHLİYE KAPAKI	2 Pcs / Adet	
EM51LS-190	FRAME MONTAGE WEDGE KASA MONTAJ TAKOZU	((FL1-2000) / 1000) + 1 ((FL2-2000) / 1000) + 1 Pcs / Adet	
EM51LS-1102	FRAME SEPARATOR KASA AYIRICI	2 Pcs / Adet	
EM51LS-C03	INJECTION GASKET ENJEKSİYON FİTİL	3 Set / Takım	
EM51LS-541	CORNER CAP SET KÖŞE DÖNÜŞ KAPAK	1 Set / Takım	



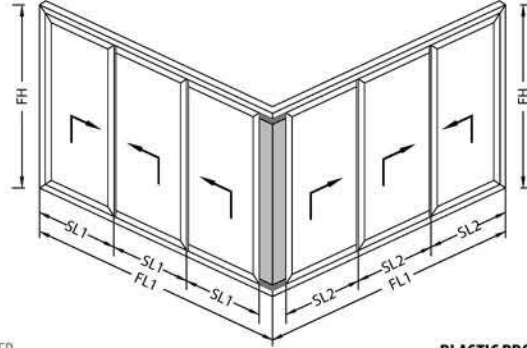
STANDARD CLAMP / STANDART KENET



Please look at the assembly drawings for mechanical treatment.
Mekanik işlemler için lütfen uygulama detayları bölümüne bakınız.

GLASS / CAM

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		3 Pcs / Adet	GL1 = SL1 - 140
			GH = SH - 140
		3 Pcs / Adet	GL2 = SL2 - 140
			GH = SH - 140



PROFILES / PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
51LS-103-00			2 Pcs / Adet	FL1	-
			2 Pcs / Adet	FL2	
			2 Pcs / Adet	FH	
			2 Pcs / Adet	FH	
51LS-201-00			6 Pcs / Adet	SL1 = (FL+58.5) / 3	-
			6 Pcs / Adet	SL2 = (FL+61.5) / 3	
			6 Pcs / Adet	SH = FH - 74	
51LS-541-00			1 Pcs / Adet	SH - 44	✓
51LS-542-00			1 Pcs / Adet	SH - 44	-
08-105-00			6 Pcs / Adet	BL1 = SL1 - 126	-
			6 Pcs / Adet	BL2 = SL2 - 126	
			12 Pcs / Adet	BH = SH - 170	
13-134-050R			1 Pcs / Adet	FL1 - 62	-
			1 Pcs / Adet	FL1 - 126	
			1 Pcs / Adet	FL1 - 191	
			1 Pcs / Adet	FL2 - 62	
			1 Pcs / Adet	FL2 - 126	
51LS-501-00			8 Pcs / Adet	AH = SH - 3	✓
* 51LS-502-00			-	OPSIONEL REINFORCE PART OPSIONEL GÜÇLENDİRME PARÇASI	✓
51LS-520-00			1 Pcs / Adet	FL1 + 11	✓
			1 Pcs / Adet	FL2 + 11	

PLASTIC PROFILES / PLASTİK PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
EM51LS-102A			2 Pcs / Adet	FL1 - 49	-
			2 Pcs / Adet	FL1 - 114	
			2 Pcs / Adet	FL2 - 49	
			2 Pcs / Adet	FL2 - 114	
EM51LS-102B			4 Pcs / Adet	FH - 38.8	-
			2 Pcs / Adet	SL1 - 70.5	
			2 Pcs / Adet	2SL1 - 145	
			2 Pcs / Adet	2SL1 - 213	
			2 Pcs / Adet	SL1 - 73.5	
			2 Pcs / Adet	SL2 - 70.5	
			2 Pcs / Adet	2SL2 - 145	
			2 Pcs / Adet	2SL2 - 210	
			2 Pcs / Adet	SL2 - 70.5	
			4 Pcs / Adet	PKH = FH - 45	
EM51LS-501A			8 Pcs / Adet	PH = SH - 3	✓
EM51LS-501B			8 Pcs / Adet	PH = SH - 3	-
EM51LS-200			4 Pcs / Adet	SL1 - 44	-
			2 Pcs / Adet	SL1 - 47	
			6 Pcs / Adet	SL2 - 44	
			2 Pcs / Adet	SL2 - 47	
			4 Pcs / Adet	SH - 40	

CONSUMABLE MATERIALS / SARF MALZEMELER

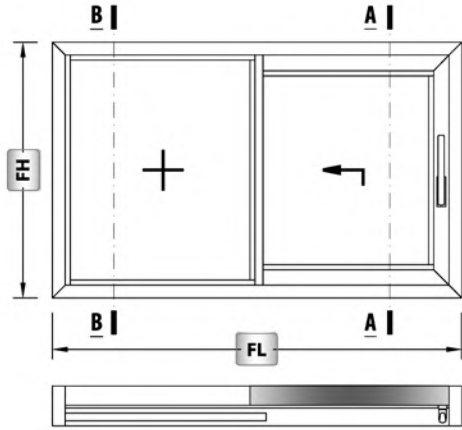
Code Kod	Description Açıklama	Quantity (pcs-m) Miktar (Paket)	Picture Resim
EM51LS-201	CLAMPING ACCESSORIES SET KENET AKSESUAR TAKIMI	8 Set / Takım	
EM51LS-32	WEATHER STRIP SET 2'Lİ KASA HAVA KESİCİ TAKIMI	4 Set / Takım	
EM51LS-07	SASH STABILITY PLASTIC KANAT DENGİ PLASTİĞİ	Sash Ağırlık Kantop Sash / Kanat: ≤1500 mm if / top 4 Pieces / Adet Sash / Kanat: ≥1500 mm if / top 6 Pieces / Adet	
EM70LS-09	DRAINAGE CAP TAHLİYE KAPAKI	((2SL1-375) / 650) + 1 ((2SL2-375) / 650) + 1 Pcs / Adet	
EM70LS-10	DRAINAGE CAP TAHLİYE KAPAKI	2 Pcs / Adet	
EM51LS-190	FRAME MONTAGE WEDGE KASA MONTAJ TAKOZU	((FL1-2000) / 1000) + 1 ((FL2-2000) / 1000) + 1 Pcs / Adet	
EM51LS-1102	FRAME SEPARATOR KASA AYIRICI	2 Pcs / Adet	
EM51LS-C03	INJECTION GASKET ENJEKSİYON FİTİL	3 Set / Takım	
EM51LS-541	CORNER CAP SET KÖŞE DÖNÜŞ KAPAK	1 Set / Takım	

GASKETS / FİTİLLER

Code Kod	Quantity Miktar	Picture Resim
EM1-XX	6SL1+6SL2+12SH	
EM2-03	6SL1+6SL2+12SH	
EM51LS-02	8SH	
EM51LS-03	6SL1 + 6SL2	
EM70LS-03	6SL1 + 6SL2 + 6SH	
EM51LS-04	8SH	
EM45-05	3FL1 + 3FL2 + 6FH	
EM51LS-11	16SH	

CORNER JOINTS / KÖŞE BAĞLANTILARI

Code Kod	Quantity Miktar	Picture Resim
CC-101-28.1 Or / Yada KC-801-27.7	4 Pcs / Adet	
CC-101-36.7 Or / Yada KC-801-36.3	4 Pcs / Adet	
CC-101-56.7 Or / Yada KC-801-56.3	4 Pcs / Adet	
CA51LS-122	2 Pcs / Adet	
CA51LS-123	2 Pcs / Adet	
CA51LS-124	2 Pcs / Adet	
CC-104-09.0	24 Pcs / Adet	
CC-104-11.4	24 Pcs / Adet	
EM51LS-25	24 Pcs / Adet	
MK-20.1	48 Pcs / Adet	



✓ Please look at the assembly drawings for mechanical treatment.
Mekanik işlemler için lütfen uygulama detayları bölümüne bakınız.

FIXED SIDE GLASS / SABİT KISIM CAMI

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		1 Pcs / Adet	GL2 = $\frac{FL}{2}$ - 40.8 GH2 = FH - 61.6

SASH GLASS / KANAT CAMI

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		1 Pcs / Adet	GL1 = SL - 79.5 GH1 = SH - 140

PROFILES / PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
51LS-101-00			2 Pcs / Adet	FL	-
51LS-201-00			2 Pcs / Adet	FH	-
51LS-211-00			1 Pcs / Adet	SL = $\frac{FL-75}{2}$ SH = FH - 74	✓
51LS-211-00			1 Pcs / Adet	MH = FH - 42.6 ZH = SH - 19.4	✓
08-105-00			2 Pcs / Adet	BL = SL - 65.5 BH = SH - 170 CL = $\frac{FL}{2}$ - 26.8 CH = FH - 91.6	-
13-134-050R			1 Pcs / Adet	LR = FL - 76.4	-
51LS-401-00			2 Pcs / Adet	TL = $\frac{FL}{2}$ - 48.8	✓
51LS-413-00			1 Pcs / Adet	OH = FH - 105.6	-
51LS-501-00			1 Pcs / Adet	AH = SH - 19.4 KH = FH - 47.6	✓
* 51LS-502-00			-	OPSIONEL REINFORCE PART OPSIONEL GÜÇLENDİRME PARÇASI	✓
51LS-520-00			1 Pcs / Adet	FL	✓

PLASTIC PROFILES / PLASTİK PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
EM51LS-511			1 Pcs / Adet	PH = SH - 3 NH = FH - 91.6	✓
EM51LS-200			1 Pcs / Adet	PLL = SL - 20 PLH = SH - 40	-

GASKETS / FİTİLLER

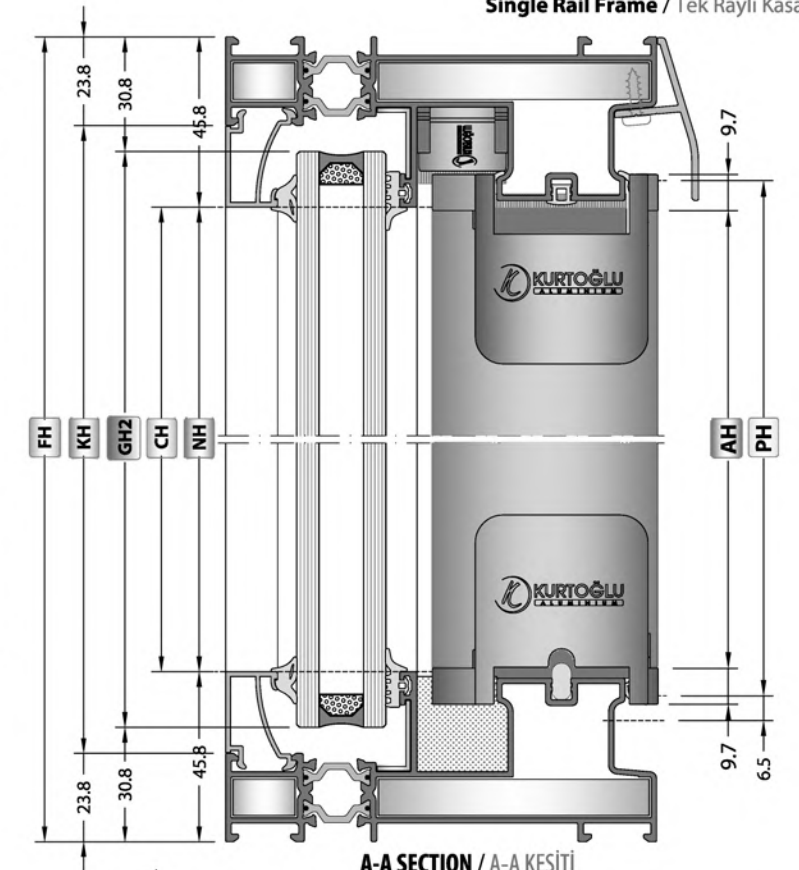
Code Kod	Quantity Miktar	Picture Resim
EM1-XX	2SL+2SH+FL+2FH	
EM2-03	2SL+2SH+FL+2FH	
EM51LS-05	2SH	
EM51LS-03	2SL	
EM70LS-03	2SL + 2SH	
EM70LS-05	2SL + 1SH	
EM45-05	FL+2FH	
PB-7-800	2SL + 1SH	
EM51LS-11	4SH	

CORNER JOINTS / KÖŞE BAĞLANTILAR

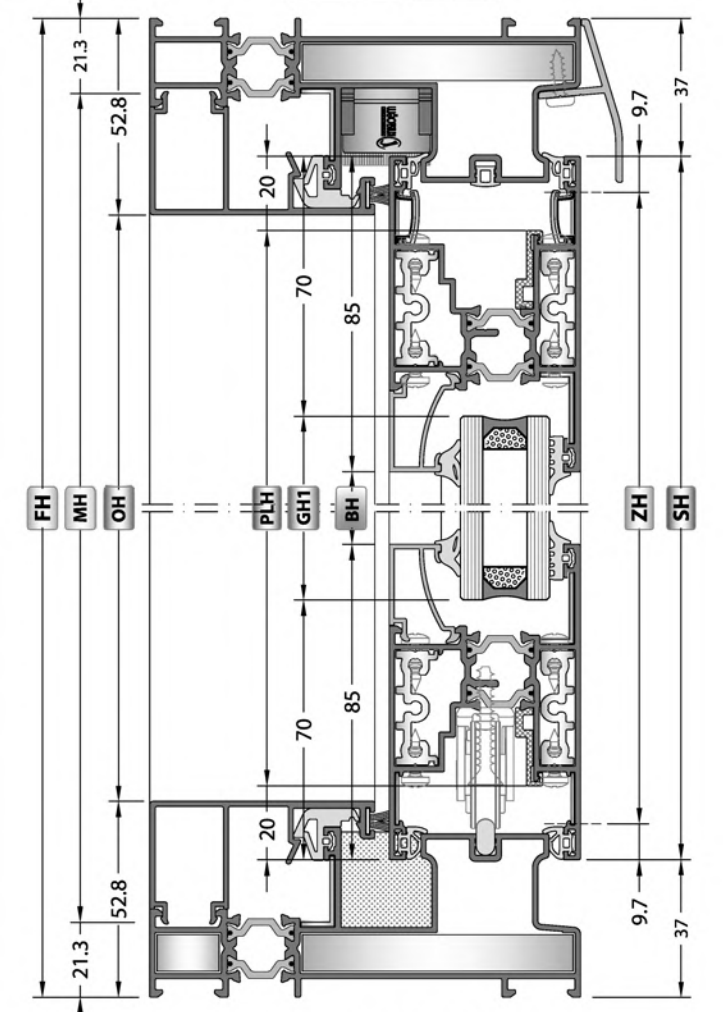
Code Kod	Quantity Miktar	Picture Resim
CC-101-17.3 Or / Yada KC-801-16.9	4 Pcs / Adet	
CC-101-73.6 Or / Yada KC-801-73.1	4 Pcs / Adet	
CC-104-09.0	2 Pcs / Adet	
CC-104-11.4	2 Pcs / Adet	
EM51LS-25	6 Pcs / Adet	
MK-20.1	4 Pcs / Adet	
CA51-911-18.5	1 Set / Takım	
CA51-912-16.9	1 Set / Takım	
CA51-913-50.0	2 Set / Takım	

CONSUMABLE MATERIALS / SARF MALZEMELER

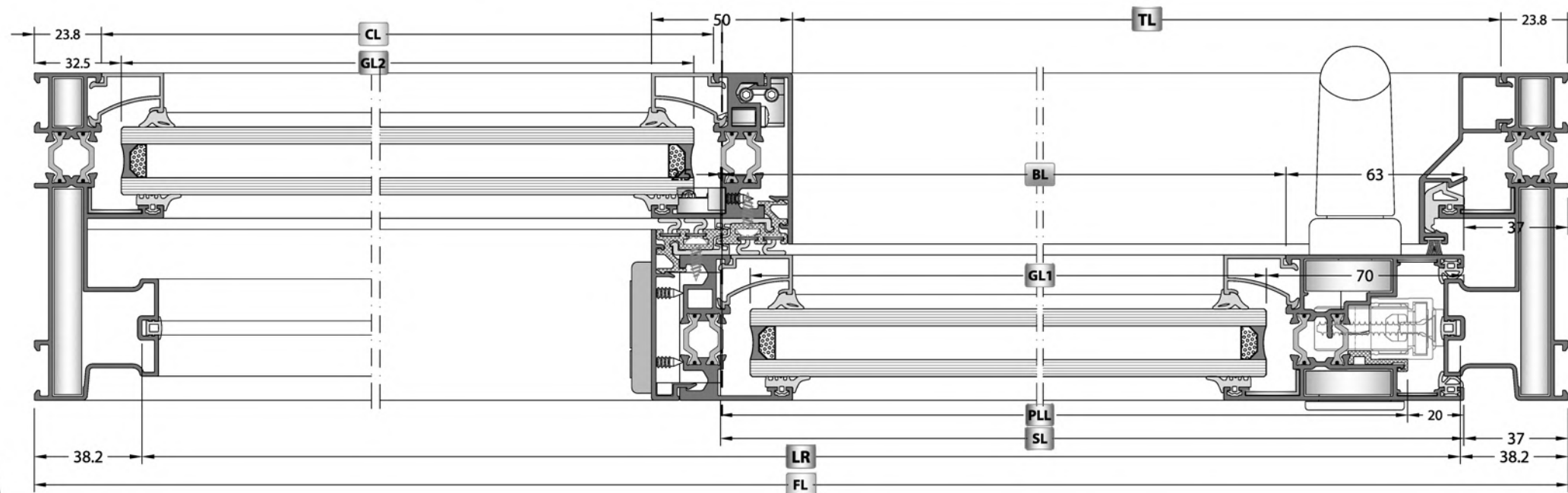
Code Kod	Description Açıklama	Quantity (pcs-m) Miktar (Paket)	Picture Resim
EM51LS-212	NARROW CLAMPING ACCESSORIES SET (OUTSIDE) DAR KENET AKSESUAR TAKIMI (DIŞ)	1 Set / Takım	
EM51LS-31DK	NARROW CLAMPING WEATHER STRIP SET SABİTLİ KASA DAR KENET HAVA KESİCİ TAKIMI	1 Set / Takım	
EM51LS-07	SASH STABILITY PLASTIC KANAT DENGE PLASTİĞİ	Sash Amount Kanat Adedi Sash / Kanat ≤ 1500 mm if / ise 4 Pieces / Adet Sash / Kanat ≥ 1500 mm if / ise 6 Pieces / Adet	
EM70LS-09	DRAINAGE CAP TAHLİYE KAPAĞI	$\left(\left(\frac{FL}{2}\right)-350\right)/650 + 1$ Pcs / Adet	
EM70LS-10	DRAINAGE CAP TAHLİYE KAPAĞI	1 Pcs / Adet	
EM51LS-190	FRAME MONTAGE WEDGE KASA MONTAJ TAKOZU	$\left(\left(\frac{FL}{2000}\right)/1000\right) + 1$ Pcs / Adet	
EM51LS-1101	FRAME SEPARATOR KASA AYIRICI	1 Pcs / Adet	
EM51LS-C03	INJECTION GASKET ENJEKSİYON FİTİL	1 Set / Takım	



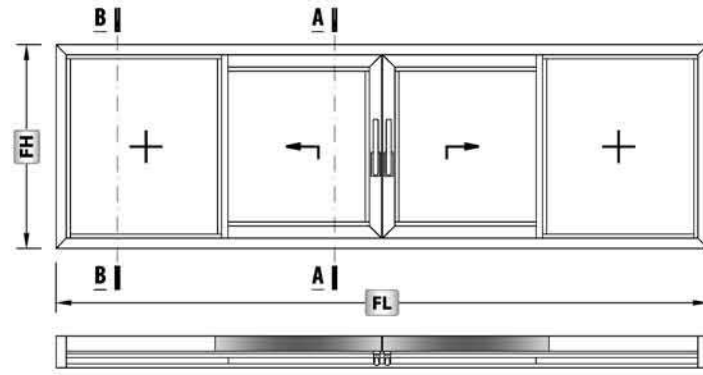
A-A SECTION / A-A KESİTİ



B-B SECTION / B-B KESİTİ



CUTTING SIZE / KESİM ÖLÇÜLERİ



✓ Please look at the assembly drawings for mechanical treatment.
Mekanik işlemler için lütfen uygulama detayları bölümüne bakınız.

FIXED SIDE GLASS / SABİT KISIM CAMI

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		2 Pcs / Adet	GL2 = $\frac{FL}{4}$ - 40.8 GH2 = FH - 61.6

SASH GLASS / KANAT CAMI

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		2 Pcs / Adet	GL1 = SL - 79.5 GH1 = SH - 140

LIFT & SLIDE / KALDIR-SÜR

NARROW CLAMP / DAR KENET

PROFILES / PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
51LS-101-00			2 Pcs / Adet	FL	-
51LS-201-00			4 Pcs / Adet	SL = $\frac{FL}{4}$ - 6.5	-
51LS-211-00			2 Pcs / Adet	SH = FH - 74	-
51LS-211-00			1 Pcs / Adet	MH = FH - 42.6	✓
51LS-211-00			2 Pcs / Adet	ZH = SH - 19.4	✓
08-105-00			4 Pcs / Adet	BL = SL - 65.5	-
08-105-00			4 Pcs / Adet	BH = SH - 170	-
08-105-00			4 Pcs / Adet	CL = $\frac{FL}{4}$ - 26.8	-
08-105-00			4 Pcs / Adet	CH = FH - 91.6	-
13-134-050R			1 Pcs / Adet	LR = FL - 76.4	-
51LS-504-00			1 Pcs / Adet	KKH = SH - 4	✓
51LS-501-00			1 Pcs / Adet	AH = SH - 19.4	✓
51LS-501-00			1 Pcs / Adet	KH = FH - 47.6	✓
51LS-401-00			2 Pcs / Adet	TL = $\frac{FL}{2}$ - 50	✓
51LS-413-00			1 Pcs / Adet	OH = FH - 105.6	-
* 51LS-502-00			-	OPSIONEL REINFORCE PART OPSİYONEL GÜÇLENDİRME PARÇASI	✓
51LS-520-00			1 Pcs / Adet	FL	✓

PLASTIC PROFILES / PLASTİK PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
EM51LS-511			2 Pcs / Adet	PH = SH - 3	✓
EM51LS-511			2 Pcs / Adet	NH = FH - 91.6	✓
EM51LS-200			2 Pcs / Adet	PLL = SL - 20	-
EM51LS-200			2 Pcs / Adet	PLL = SL - 20	-
EM51LS-200			2 Pcs / Adet	PLH = SH - 40	-

GASKETS / FİTİLLER

Code Kod	Quantity Miktar	Picture Resim
EM1-XX	8SL+8SH	
EM2-03	8SL+8SH	
EM51LS-05	4SH	
EM51LS-03	4SL	
EM70LS-03	4SL + 8SH	
EM70LS-05	4SL	
EM45-05	FL+2FH	
PB-7-800	4SL	
EM51LS-11	10SH	
O.RING-3 mm	2SH	

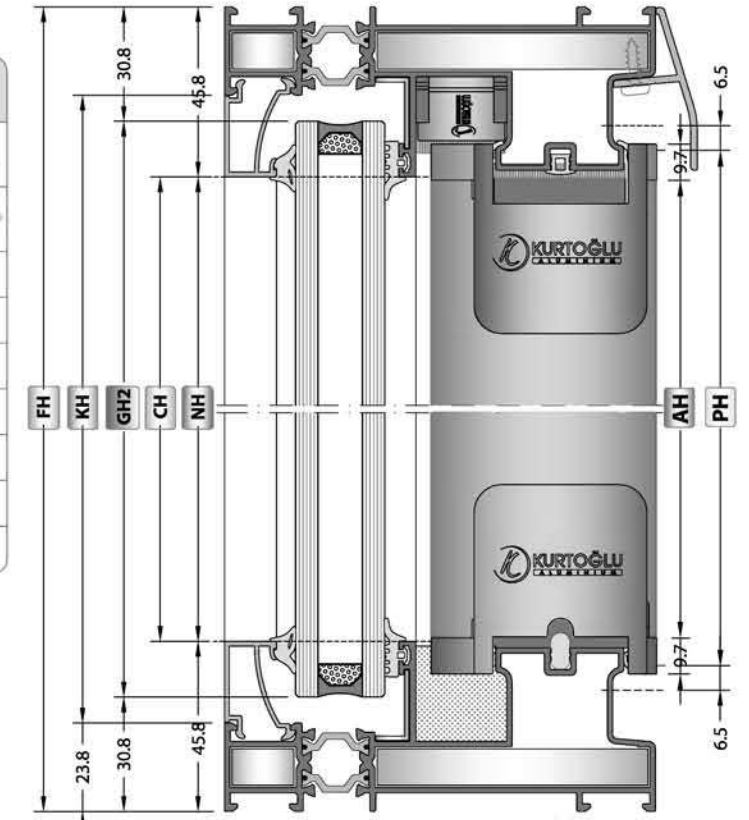
CONSUMABLE MATERIALS SARF MALZEMELER

Code Kod	Description Açıklama	Quantity (pcs-m) Miktar (Paket)	Picture Resim
EM51LS-212	NARROW CLAMPING ACCESSORIES SET (OUTSIDE) DAR KENET AKSESUAR TAKIMI (DIŞI)	2 Set / Takım	
EM51LS-504	CLAMPING ACCESSORIES SET KENET AKSESUAR TAKIMI	1 Set / Takım	
EM51LS-31DK	NARROW CLAMPING WEATHER STRIP SET SABİTLİ KASA DAR KENET HAVA KESİCİ TAKIMI	2 Set / Takım	
EM51LS-07	SASH STABILITY PLASTIC KANAT DENGİ PLASTİĞİ	Sash / Kanat ≤ 1500 mm / 1 set 4 Pieces / Adet Sash / Kanat > 1500 mm / 1 set 6 Pieces / Adet	
EM09-0001	SPILL / TAPA	(SH - 200) / 500 Pcs / Adet	
EM70LS-09	DRAINAGE CAP TAHLYE KAPAĞI	2* ((FL/4)-350)/650 + 1 Pcs / Adet	
EM70LS-10	DRAINAGE CAP TAHLYE KAPAĞI	1 Pcs / Adet	
EM51LS-190	FRAME MONTAGE WEDGE KASA MONTAJ TAKOZU	((FL-2000) / 1000) + 1 Pcs / Adet	
EM51LS-1101	FRAME SEPARATOR KASA AYIRICI	2 Pcs / Adet	
EM51LS-C03	INJECTION GASKET ENJEKSİYON FİTİL	2 Set / Takım	

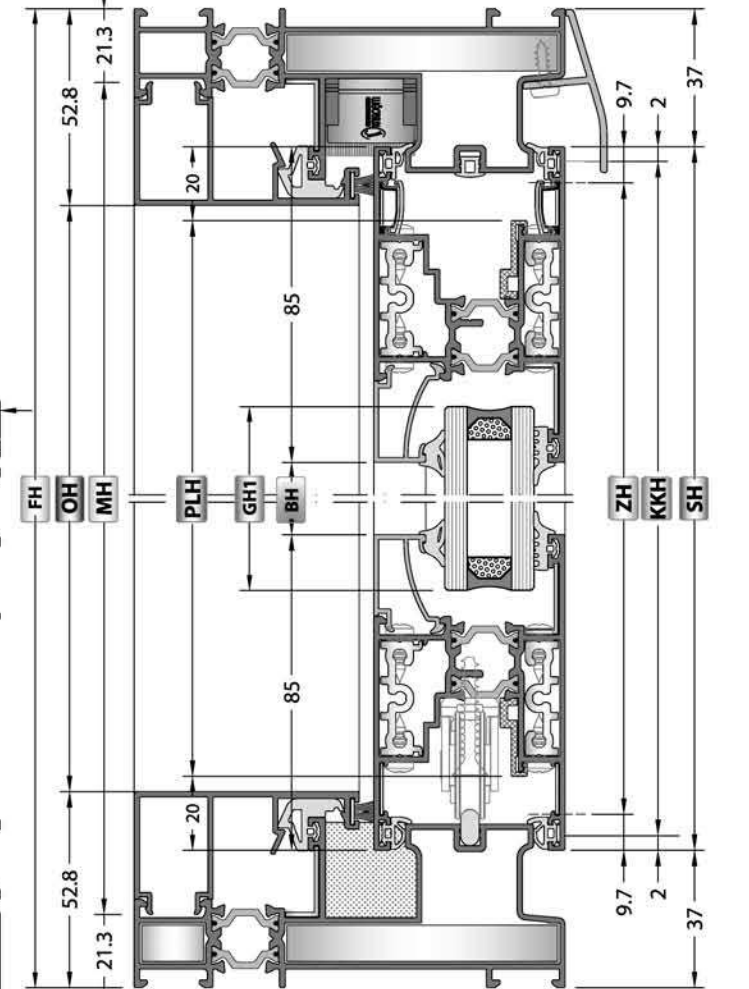
CORNER JOINTS / KÖŞE BAĞLANTILAR

Code Kod	Quantity Miktar	Picture Resim
CC-101-17.3 Or / Yada KC-801-16.9	4 Pcs / Adet	
CC-101-73.6 Or / Yada KC-801-73.1	4 Pcs / Adet	
CC-104-09.0	4 Pcs / Adet	
CC-104-11.4	4 Pcs / Adet	
EM51LS-25	8 Pcs / Adet	
MK-20.1	8 Pcs / Adet	
CA51-911-18.5	2 Set / Takım	
CA51-912-16.9	2 Set / Takım	
CA51-913-50.0	4 Set / Takım	

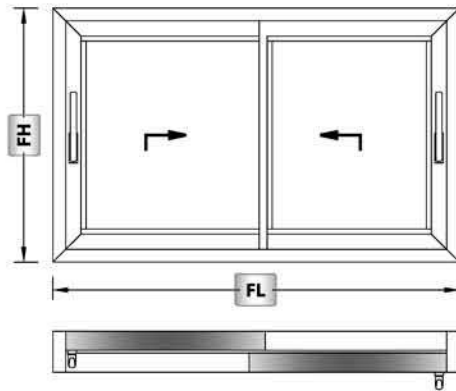
Single Rail Frame / Tek Raylı Kasa



A-A SECTION / A-A KESİTİ



B-B SECTION / B-B KESİTİ



 **Please look at the assembly drawings for mechanical treatment.**
Mekanik işlemler için lütfen uygulama detayları bölümüne bakınız.

GLASS / CAM

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		2 Pcs / Adet	GL = SL - 79.5
			GH = SH - 140

PROFILES / PROFILLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
51LS-102-00			2 Pcs / Adet	FL	-
			2 Pcs / Adet	FH	
51LS-201-00			4 Pcs / Adet	$SL = \frac{FL-75}{2}$	✓
			2 Pcs / Adet	SH = FH - 74	-
51LS-211-00			2 Pcs / Adet	ZH = SH - 19.4	✓
08-105-00			4 Pcs / Adet	BL = SL - 65.5	-
			4 Pcs / Adet	BH = SH - 170	
13-134-050R			2 Pcs / Adet	LR = FL - 76.4	-
51LS-501-00			2 Pcs / Adet	AH = SH - 19.4	✓
* 51LS-502-00			-	OPSİYONEL REINFORCE PART OPSİYONEL GÜÇLENDİRME PARÇASI	✓
51LS-520-00			1 Pcs / Adet	FL	✓

PLASTIC PROFILES / PLASTİK PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
EM51LS-102A			2 Pcs / Adet	PUL = FL - 38.8	-
			2 Pcs / Adet	PUH = FH - 38.8	
EM51LS-102B			4 Pcs / Adet	PKL = $\frac{FL}{2}$ - 47.5	-
			2 Pcs / Adet	PKH = FH - 45	
EM51LS-511			2 Pcs / Adet	PH = SH - 3	✓
EM51LS-200			2 Pcs / Adet	PLL = SL - 20	-
			2 Pcs / Adet	PLL = SL - 20	
			2 Pcs / Adet	PLH = SH - 40	

GASKETS / FİTİLLER

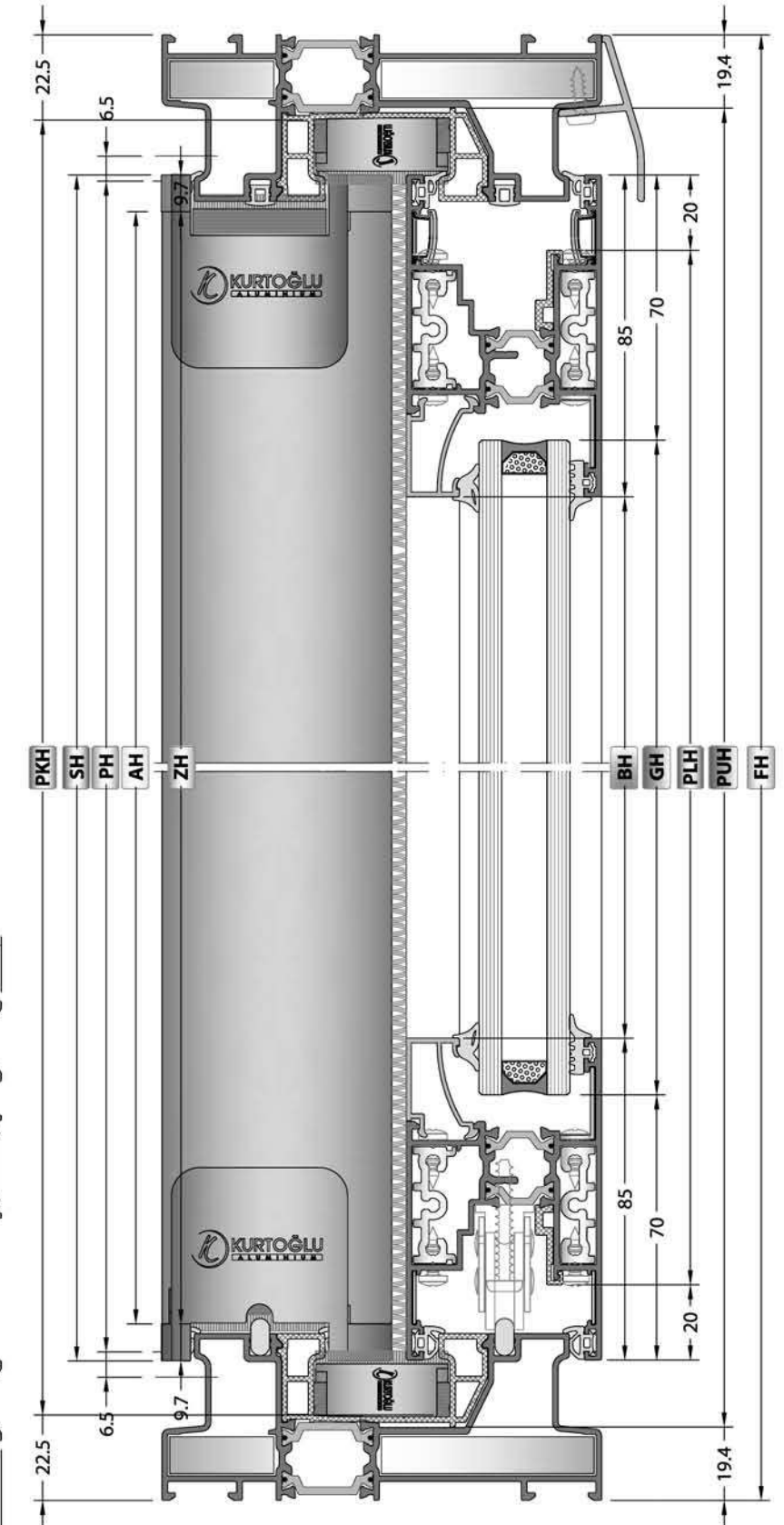
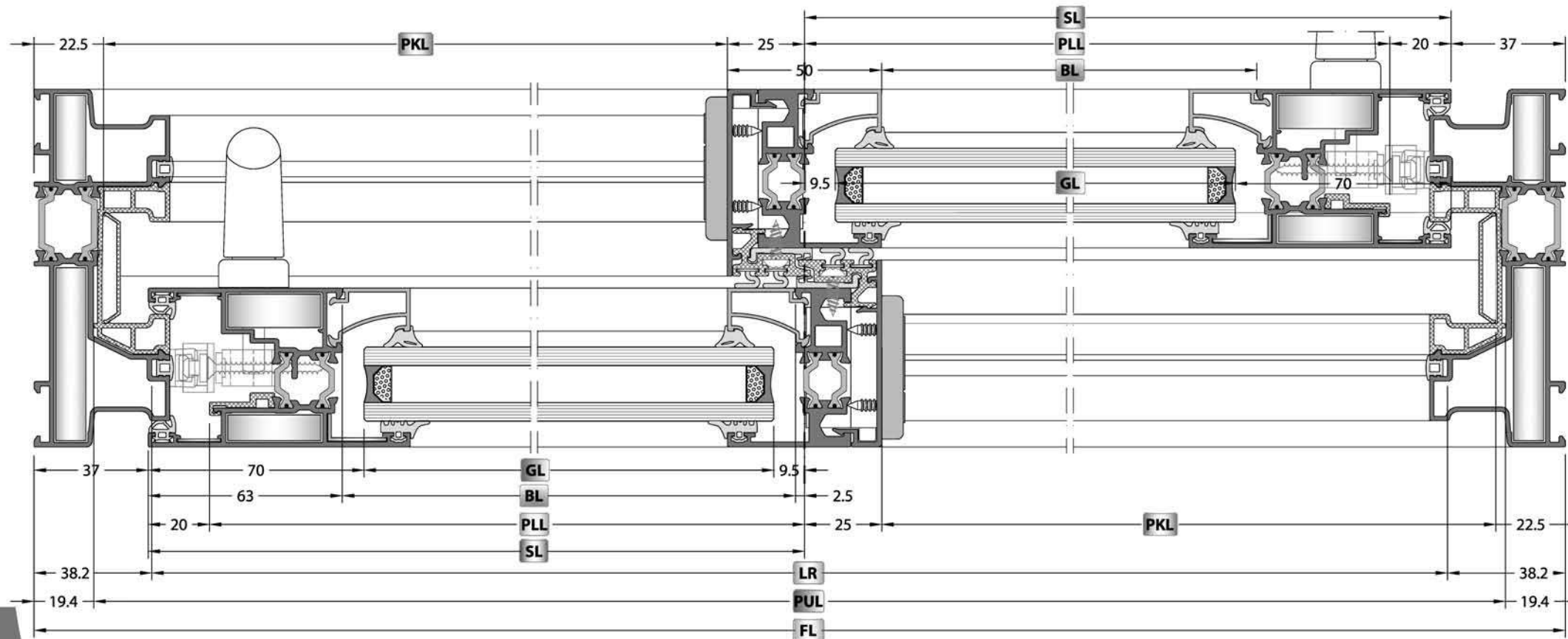
Code Kod	Quantity Miktar	Picture Resim
EM1-XX	4SL+4SH	
EM2-03	4SL+4SH	
EM51LS-05	2SH	
EM51LS-03	4SL	
EM70LS-03	4SL + 4SH	
EM45-05	2FL + 4FH	
EM51LS-11	4SH	

CONSUMABLE MATERIALS

Code Kod	Description Açıklama	Quantity (pcs-m) Miktar (Paket)	Picture Resim
EM51LS-212	NARROW CLAMPING ACCESSORIES SET	1 Set / Takım	
EM51LS-213	DAR KENET AKSESUAR TAKIMI	1 Set / Takım	
EM51LS-32DK	NARROW CLAMPING WEATHER STRIP SET ZULU KASA DAR KENET HAVA KESİCİ TAKIMI	1 Set / Takım	
EM51LS-07	SASH STABILITY PLASTIC KANAT DENGECİ PLASTİĞİ	Sash Amount Kanat Kantı Sash / Kanat ≤ 1500 mm $\varnothing$ / İse 4 Pieces / Adet Sash / Kanat ≥ 1500 mm $\varnothing$ / İse 6 Pieces / Adet	
EM70LS-09	DRAINAGE CAP TAHLİYE KAPAĞI	((((FL/2)-350)/650) + 1 Pcs / Adet	
EM70LS-10	DRAINAGE CAP TAHLİYE KAPAĞI	1 Pcs / Adet	
EM51LS-190	FRAME MONTAGE WEDGE KASA MONTAJ TARAĞI	((FL-2000) / 1000) + 1 Pcs / Adet	
EM51LS-1102	FRAME SEPARATOR KASA AYIRICI	1 Pcs / Adet	
EM51LS-C03	INJECTION GASKET ENJEKSİYON FİTİL	2 Set / Takım	

CORNER JOINTS / KÖŞE BAĞLANTILAR

Code Kod	Quantity Miktar	Picture Resim
CC-101-28.1 Or / Yada KC-801-27.7	4 Pcs / Adet	
CC-101-56.7 Or / Yada KC-801-56.3	4 Pcs / Adet	
CC-104-09.0	4 Pcs / Adet	
CC-104-11.4	4 Pcs / Adet	
EM51LS-25	4 Pcs / Adet	
MK-20.1	8 Pcs / Adet	
CA51-913-50.0	4 Set / Takım	

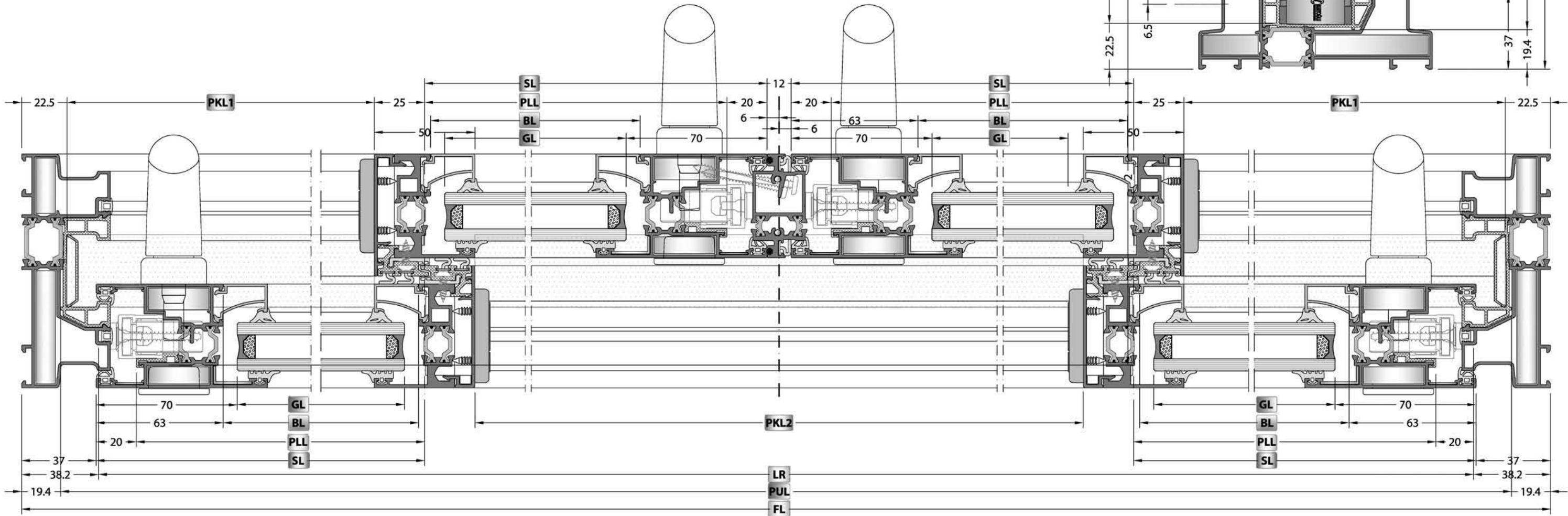
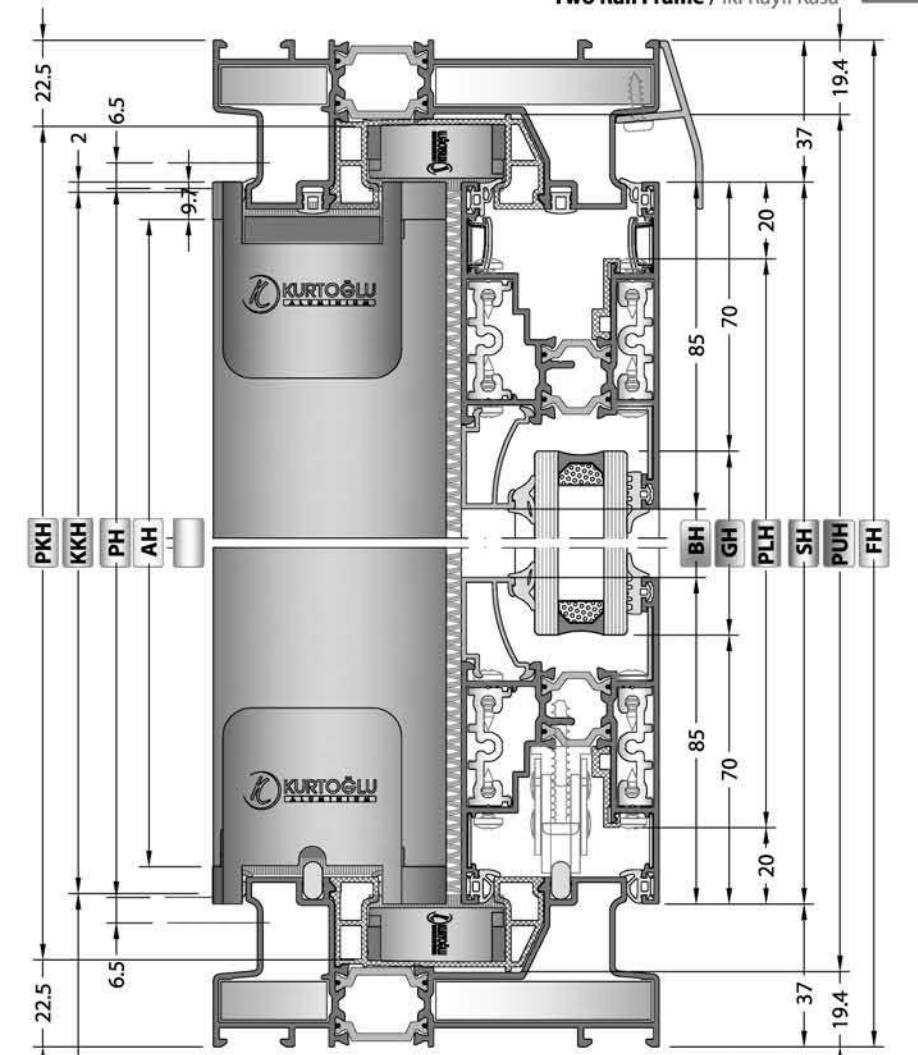
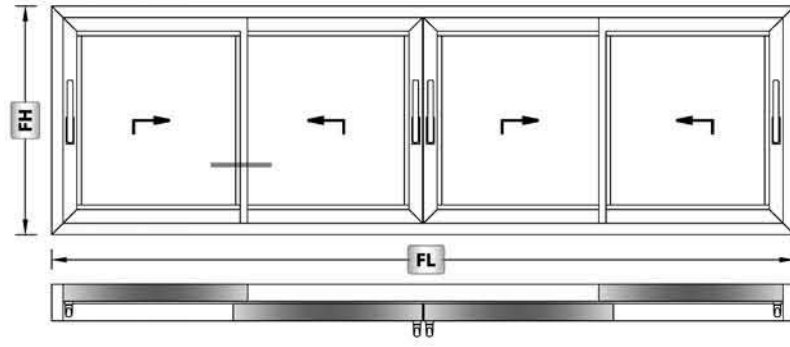


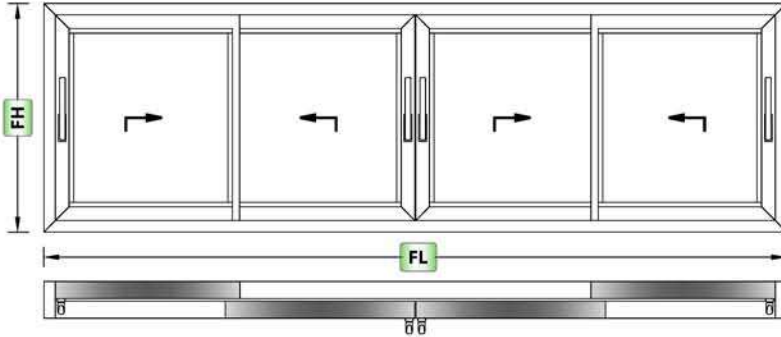
CUTTING SIZE / KESİM ÖLÇÜLERİ

LIFT & SLIDE / KALDIR-SÜR

NARROW CLAMP / DAR KENET

Two Rail Frame / İki Raylı Kasa





✓ Please look at the assembly drawings for mechanical treatment.
Mekanik işlemler için lütfen uygulama detayları bölümüne bakınız.

GLASS / CAM

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		4 Pcs / Adet	GL = SL - 79.5
			GH = SH - 140

PROFILES / PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
51LS-102-00			2 Pcs / Adet	FL	-
			2 Pcs / Adet	FH	
51LS-201-00			8 Pcs / Adet	SL = $\frac{FL - 88}{4}$	-
			4 Pcs / Adet	SH = FH - 74	
51LS-211-00			4 Pcs / Adet	ZH = SH - 19.4	✓
51LS-504-00			1 Pcs / Adet	KKH = SH - 4	✓
08-105-00			8 Pcs / Adet	BL = SL - 65.5	-
			8 Pcs / Adet	BH = SH - 170	
13-134-050R			2 Pcs / Adet	LR = FL - 76.4	-
51LS-501-00			4 Pcs / Adet	AH = SH - 19.4	✓
* 51LS-502-00			-	OPSİYONEL REINFORCE PART OPSİYONEL GÜÇLENDİRME PARÇASI	✓
51LS-520-00			1 Pcs / Adet	FL	✓

PLASTIC PROFILES / PLASTİK PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
EM51LS-102A			2 Pcs / Adet	PUL = FL - 38.8	-
			2 Pcs / Adet	PUH = FH - 38.8	
EM51LS-102B			4 Pcs / Adet	PKL1 = SL - 10	-
			2 Pcs / Adet	PKL2 = (SLx2)-37	
EM51LS-511			2 Pcs / Adet	PKH = FH - 45	✓
			4 Pcs / Adet	PH = SH - 3	
EM51LS-200			4 Pcs / Adet	PLL = SL - 20	-
			4 Pcs / Adet	PLL = SL - 20	
			4 Pcs / Adet	PLH = SH - 40	

GASKETS / FİTİLLER

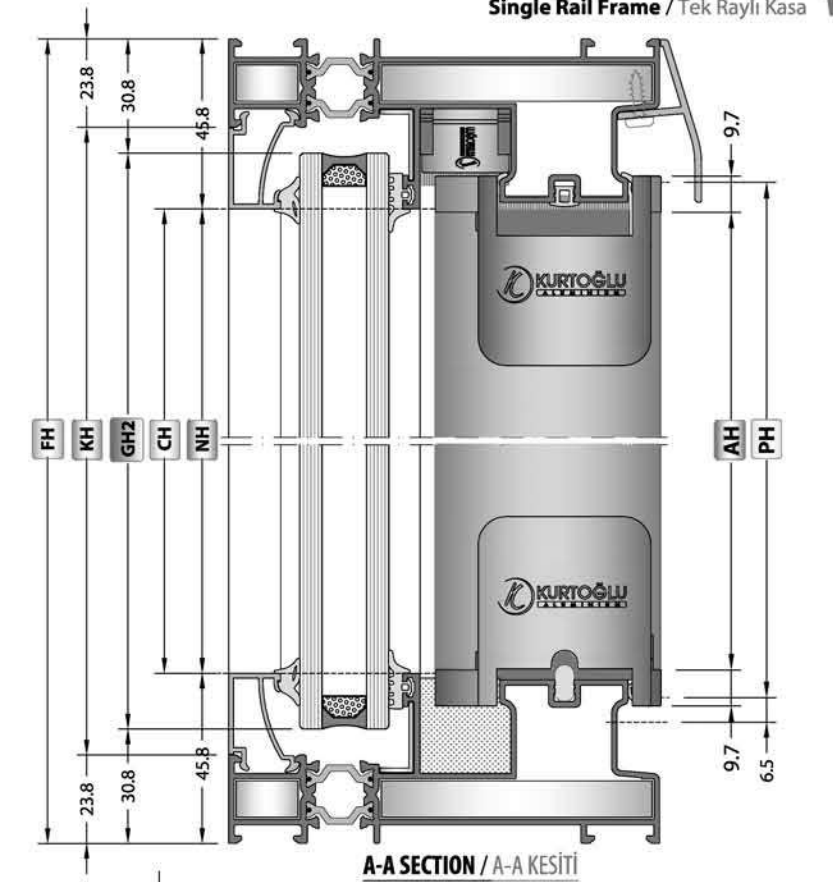
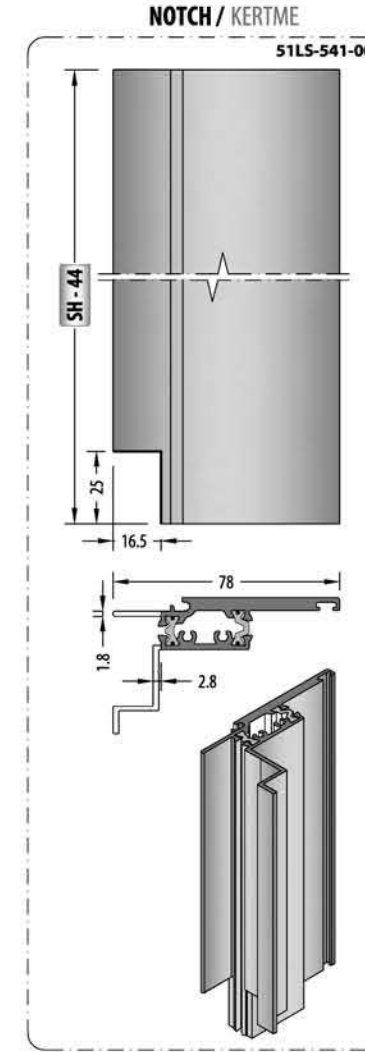
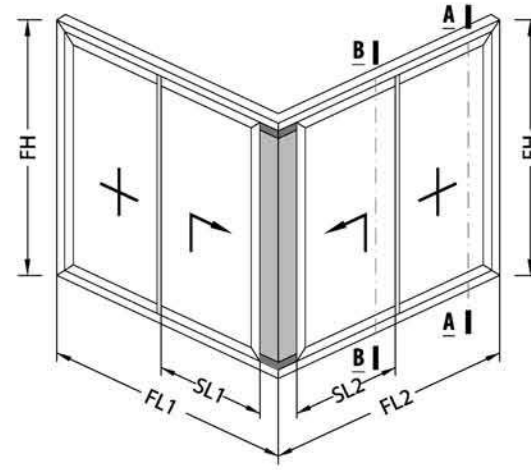
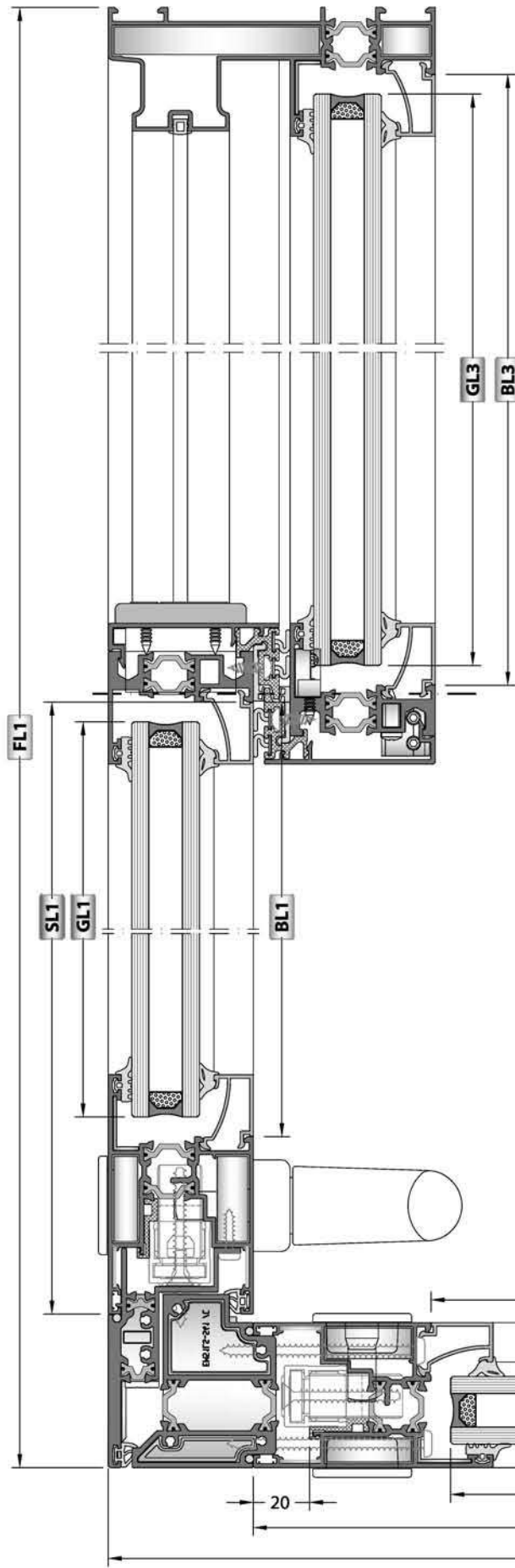
Code Kod	Quantity Miktar	Picture Resim
EM1-XX	8SL + 8SH	
EM2-03	8SL + 8SH	
EM51LS-05	4SH	
EM51LS-03	8SL	
EM70LS-03	8SL+8SH	
EM45-05	2FL + 4FH	
EM51LS-11	10SH	
O.RING-3 mm	2SH	

CORNER JOINTS / KÖŞE BAĞLANTILAR

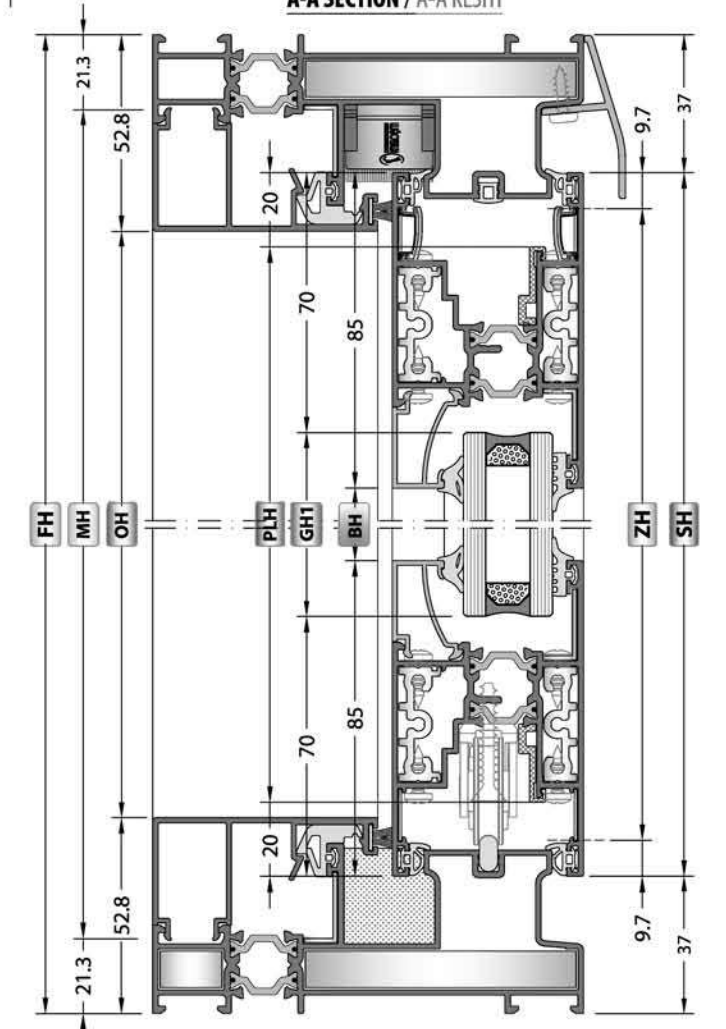
Code Kod	Quantity Miktar	Picture Resim
CC-101-28.1 Or / Yada KC-801-27.7	4 Pcs / Adet	
CC-101-56.7 Or / Yada KC-801-56.3	4 Pcs / Adet	
CC-104-09.0	8 Pcs / Adet	
CC-104-11.4	8 Pcs / Adet	
EM51LS-25	8 Pcs / Adet	
MK-20.1	16 Pcs / Adet	
CA51-913-50.0	8 Set / Takım	

CONSUMABLE MATERIALS / SARF MALZEMELER

Code Kod	Description Açıklama	Quantity (pcs-m) Miktar (Paket)	Picture Resim
EM51LS-212	NARROW CLAMPING ACCESSORIES SET	2 Set / Takım	
EM51LS-213	DAR KENET AKSESUAR TAKIMI	2 Set / Takım	
EM51LS-504	CLAMPING ACCESSORIES SET KENET AKSESUAR TAKIMI	1 Set / Takım	
EM51LS-32DK	NARROW CLAMPING WEATHER STRIP SET 2'LI KASA DAR KENET HAVA KESİCİ TAKIMI	2 Set / Takım	
EM51LS-07	SASH STABILITY PLASTIC KANAT DENGİ PLASTİĞİ	Sash Amount Kanat Adedi	
EM09-0001	SPILL / TAPA	Sash / Kanat ≤ 1500 mm if / ise 4 Pieces / Adet Sash / Kanat ≥ 1500 mm if / ise 6 Pieces / Adet	
EM70LS-09	DRAINAGE CAP TAHLİYE KAPAĞI	(SH - 200) / 500 Pcs / Adet	
EM70LS-10	DRAINAGE CAP TAHLİYE KAPAĞI	((SLx2)-287) / 650 + 1 Pcs / Adet	
EM51LS-190	FRAME MONTAGE WEDGE KASA MONTAJ TAKOZU	((FL-2000) / 1000) + 1 Pcs / Adet	
EM51LS-1102	FRAME SEPARATOR KASA AYIRICI	2 Pcs / Adet	
EM51LS-C03	INJECTION GASKET ENJEKSİYON FİTİL	4 Set / Takım	



A-A SECTION / A-A KESİTİ



B-B SECTION / B-B KESİTİ

CUTTING SIZE / KESİM ÖLÇÜLERİ

LIFT & SLIDE / KALDIR-SÜR

NARROW CLAMP / DAR KENET

Single Rail Frame / Tek Raylı Kasa



Please look at the assembly drawings for mechanical treatment.

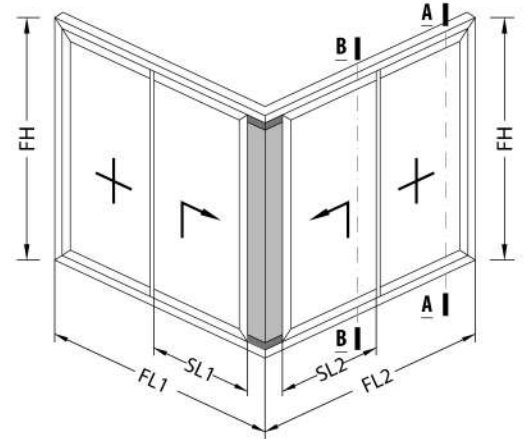
Mekanik işlemler için lütfen uygulama detayları bölümüne bakınız.

SASH GLASS / KANAT CAMI

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		1 Pcs / Adet	GL1 = SL1 - 77
			GH = SH - 140
		1 Pcs / Adet	GL2 = SL2 - 77
			GH = SH - 140

FIXED SIDE GLASS / SABİT KISIM CAMI

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		1 Pcs / Adet	GL3 = SL1 - 47
			GH = FH - 61.6
		1 Pcs / Adet	GL4 = SL2 - 47
			GH = FH - 61.6



PROFILES / PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
51LS-101-00			2 Pcs / Adet	FL1	-
			2 Pcs / Adet	FL2	
			2 Pcs / Adet	FH	
51LS-201-00			2 Pcs / Adet	SL1 = (FL2/2) - 25.6	✓
			2 Pcs / Adet	SL2 = (FL2/2) - 24.1	
			2 Pcs / Adet	SH = FH - 74	
51LS-211-00			2 Pcs / Adet	MH = FH - 42.6	✓
			2 Pcs / Adet	ZH = SH - 19.4	
08-105-00			2 Pcs / Adet	BL1 = SL1 - 63	-
			2 Pcs / Adet	BL2 = SL2 - 63	
			2 Pcs / Adet	BL3 = SL1 - 33	
			2 Pcs / Adet	BL4 = SL2 - 33	
			2 Pcs / Adet	BH = SH - 170	
			2 Pcs / Adet	CH = FH - 91.6	
13-134-050R			1 Pcs / Adet	FL1 - 62	-
			1 Pcs / Adet	FL2 - 62	
51LS-401-00			2 Pcs / Adet	SL1 - 23	-
			2 Pcs / Adet	SL2 - 26	
51LS-413-00			2 Pcs / Adet	OH = FH - 105.6	-
51LS-501-00			2 Pcs / Adet	AH = SH - 19.4	✓
* 51LS-502-00			2 Pcs / Adet	KH = FH - 47.6	
51LS-520-00			1 Pcs / Adet	FL1 + 11	✓
			1 Pcs / Adet	FL2 + 11	

PLASTIC PROFILES / PLASTİK PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
EM51LS-511			2 Pcs / Adet	PH = SH - 3	✓
			2 Pcs / Adet	NH = FH - 91.6	
EM51LS-200			2 Pcs / Adet	SL1 - 20	-
			2 Pcs / Adet	SL2 - 20	
			2 Pcs / Adet	SH - 40	

GASKETS / FİTİLLER

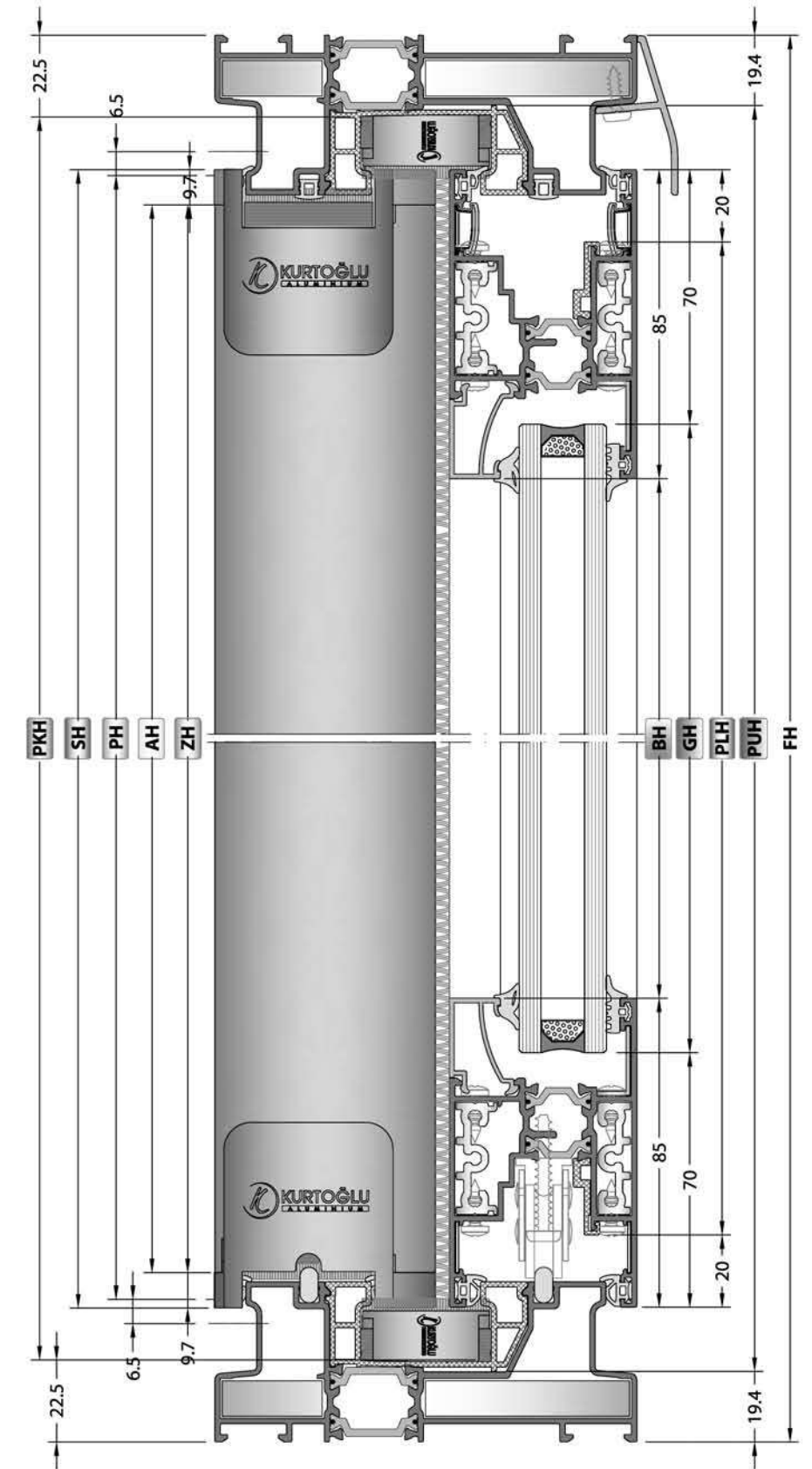
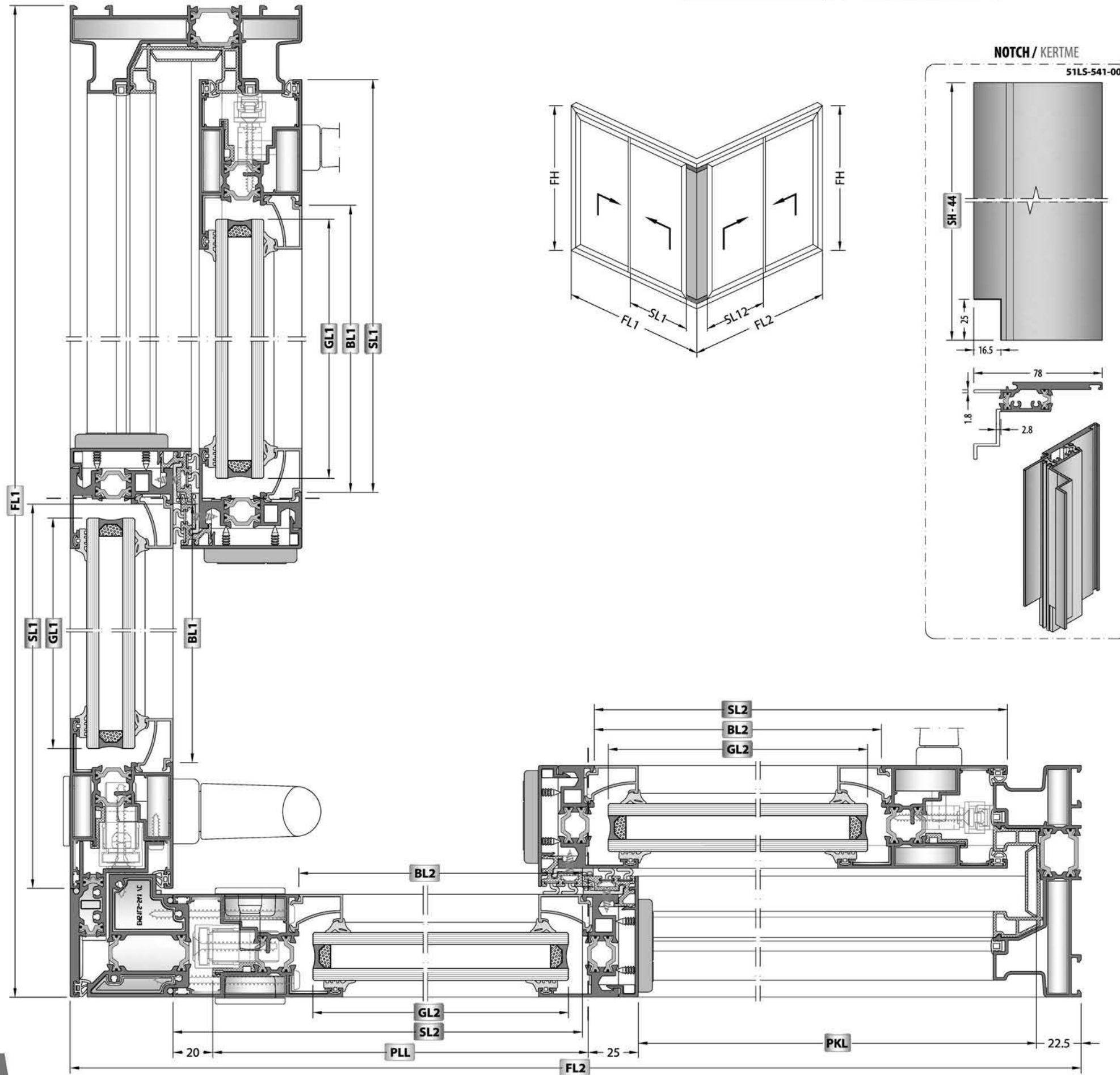
Code Kod	Quantity Miktar	Picture Resim
EM1-XX	2FL1 + 2FL2 + 8SH	
EM2-03	2FL1 + 2FL2 + 8SH	
EM51LS-05	4SH	
EM51LS-03	2SL1 + 2SL2	
EM70LS-03	2SL1 + 2SL2 + 4SH	
EM70LS-05	2SL1 + 2SL2 + 2SH	
EM45-05	1FL1 + 1FL2 + 2FH	
PB-7-800	2SL1 + 2SL2 + 2SH	
EM51LS-11	8SH	
O.RING-3 mm	3SH	

CORNER JOINTS / KÖŞE BAĞLANTILAR

Code Kod	Quantity Miktar	Picture Resim
CC-101-17.3 Or / Yada KC-801-16.9	4 Pcs / Adet	
CC-101-73.6 Or / Yada KC-801-73.1	4 Pcs / Adet	
CA51LS-121	2 Pcs / Adet	
CA77BF-121	2 Pcs / Adet	
CC-104-09.0	4 Pcs / Adet	
CC-104-11.4	4 Pcs / Adet	
EM51LS-25	8 Pcs / Adet	
MK-20.1	8 Pcs / Adet	
CA51-911-18.5	2 Set / Takım	
CA51-912-16.9	2 Set / Takım	
CA51-913-50.0	4 Set / Takım	

CONSUMABLE MATERIALS / SARF MALZEMELER

Code Kod	Description Açıklama	Quantity (pcs-m) Miktar (Paket)	Picture Resim
EM51LS-212	NARROW CLAMPING ACCESSORIES SET (OUTSIDE) DAR KENET AKSESUAR TAKIMI (DIŞ)	2 Set / Takım	
EM51LS-31DK	NARROW CLAMPING WEATHER STRIP SET SABİTLİ KASA DAR KENET HAVA KESİCİ TAKIMI	2 Set / Takım	
EM51LS-07	SASH STABILITY PLASTIC KANAT DENGİ PLASTİĞİ	Sash / Kanat Kanat / Sash Sash / Kanat ≤ 1500 mm / İnc. 4 Pieces / Adet Sash / Kanat ≥ 1500 mm / İnc. 6 Pieces / Adet	
EM70LS-09	DRAINAGE CAP TAHLİYE KAPAĞI	((FL1/2)-350)/650 + 1 ((FL2/2)-350)/650 + 1 Pcs / Adet	
EM70LS-10	DRAINAGE CAP TAHLİYE KAPAĞI	2 Pcs / Adet	
EM51LS-190	FRAME MONTAGE WEDGE KASA MONTAJ TAKOZU	((FL1-2000) / 1000) + 1 ((FL2-2000) / 1000) + 1 Pcs / Adet	
EM51LS-1101	FRAME SEPARATOR KASA AYIRICI	2 Pcs / Adet	
EM51LS-C03	INJECTION GASKET ENJEKSİYON FİTİL	1 Set / Takım	
EM51LS-541	CORNER CAP SET KÖŞE DÖNÜŞ KAPAK	1 Set / Takım	



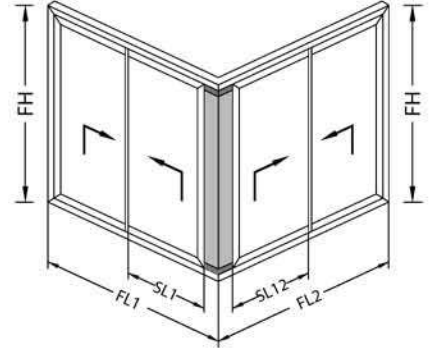
GLASS / CAM

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		2 Pcs / Adet	GL1 = SL1 - 77
			GH = SH - 140
		2 Pcs / Adet	GL2 = SL2 - 77
			GH = SH - 140



Please look at the assembly drawings for mechanical treatment.

Mekanik işlemler için lütfen uygulama detayları bölümüne bakınız.



PROFILES / PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
51LS-102-00			2 Pcs / Adet	FL1	-
			2 Pcs / Adet	FL2	
			2 Pcs / Adet	FH	
51LS-201-00			4 Pcs / Adet	SL1 = (FL1-97.5)/2	✓
			4 Pcs / Adet	SL2 = (FL2-94.5)/2	
			4 Pcs / Adet	SH = FH - 74	
51LS-211-00			4 Pcs / Adet	ZH = SH - 19.4	✓
51LS-541-00			1 Pcs / Adet	SH - 44	✓
51LS-542-00			1 Pcs / Adet	SH - 44	-
08-105-00			4 Pcs / Adet	BL1 = SL1 - 77	-
			4 Pcs / Adet	BL2 = SL2 - 77	
			8 Pcs / Adet	BH = SH - 170	
13-134-050R			1 Pcs / Adet	FL1 - 62	-
			1 Pcs / Adet	FL1 - 126	
			1 Pcs / Adet	FL2 - 62	
			1 Pcs / Adet	FL2 - 126	
51LS-501-00			4 Pcs / Adet	AH = SH - 19.4	✓
* 51LS-502-00			-	OPSIONEL REINFORCE PART OPSYONEL GÜÇLENDİRME PARÇASI	✓
51LS-520-00			1 Pcs / Adet	FL1 + 11	✓
			1 Pcs / Adet	FL2 + 11	

PLASTIC PROFILES / PLASTİK PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
EM51LS-102A			2 Pcs / Adet	FL1 - 49	-
			2 Pcs / Adet	FL2 - 49	
			2 Pcs / Adet	FH - 38.8	
EM51LS-102B			2 Pcs / Adet	SL1 - 7.5	-
			2 Pcs / Adet	SL1 - 7.5	
			2 Pcs / Adet	SL2 - 7.5	
			2 Pcs / Adet	SL2 - 10.5	
			2 Pcs / Adet	PKH = FH - 45	
EM51LS-511			4 Pcs / Adet	PH = SH - 3	✓
EM51LS-200			4 Pcs / Adet	SL1 - 20	-
			4 Pcs / Adet	SL2 - 20	
			4 Pcs / Adet	PLH = SH - 40	

GASKETS / FİTİLLER

Code Kod	Quantity Miktar	Picture Resim
EM1-XX	4SL1 + 4SL2 + 8SH	
EM2-03	4SL1 + 4SL2 + 8SH	
EM51LS-05	4SH	
EM51LS-03	4SL1 + 4SL2	
EM70LS-03	4SL1 + 4SL2 + 8SH	
EM45-05	2FL1 + 2FL2 + 4FH	
EM51LS-11	8SH	
O.RING-3 mm	3SH	

CORNER JOINTS / KÖŞE BAĞLANTILAR

Code Kod	Quantity Miktar	Picture Resim
CC-101-28.1 Or / Yada KC-801-27.7	4 Pcs / Adet	
CC-101-56.7 Or / Yada KC-801-56.3	4 Pcs / Adet	
CA51LS-122	2 Pcs / Adet	
CA51LS-123	2 Pcs / Adet	
CC-104-09.0	8 Pcs / Adet	
CC-104-11.4	8 Pcs / Adet	
EM51LS-25	8 Pcs / Adet	
MK-20.1	16 Pcs / Adet	
CA51-913-50.0	4 Set / Takım	

CONSUMABLE MATERIALS

SARF MALZEMELER

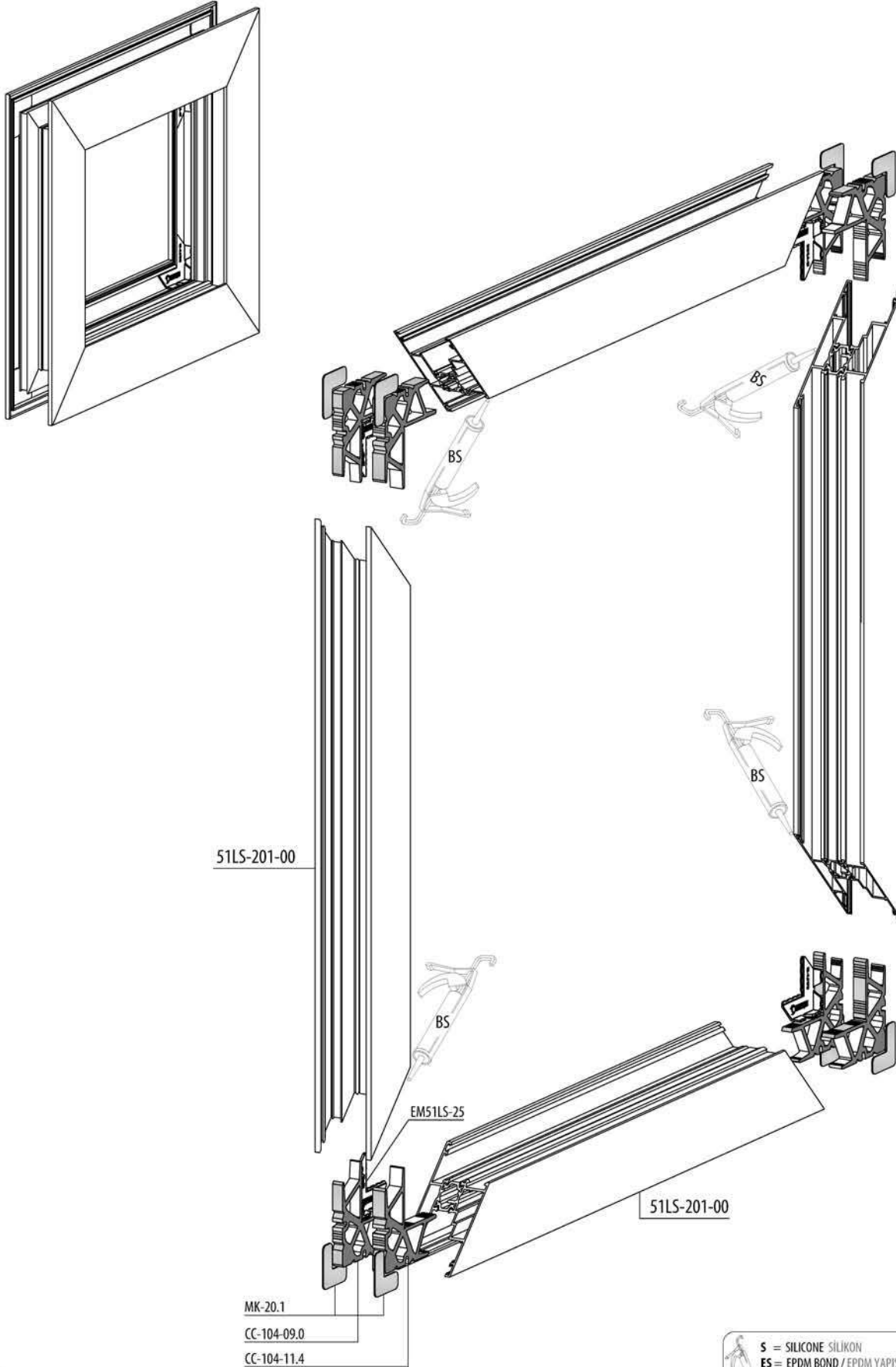
Code Kod	Description Açıklama	Quantity (pcs-m) Miktar (Paket)	Picture Resim
EM51LS-212	NARROW CLAMPING ACCESSORIES SET	2 Set / Takım	
EM51LS-213	DAR KENET ARKESUAR TAKIMI	2 Set / Takım	
EM51LS-32DK	NARROW CLAMPING WEATHER STRIP SET 2'Lİ KASA DAR KENET HAVA KESİCİ TAKIMI	2 Set / Takım	
EM51LS-07	SASH STABILITY PLASTIC KANAT DENGECİ PLASTİĞİ	Sash / Kanat 2'1500 mm E / 100 4 Pieces / Adet Sash / Kanat 2'1500 mm E / 100 6 Pieces / Adet	
EM70LS-09	DRAINAGE CAP TAHLİYE KAPAĞI	((FL1/2)-350)/(650) + 1 ((FL2/2)-350)/(650) + 1 Pcs / Adet	
EM70LS-10	DRAINAGE CAP TAHLİYE KAPAĞI	2 Pcs / Adet	
EM51LS-190	FRAME MONTAGE WEDGE KASA MONTAJ TAKOZU	((FL1-2000) / 1000) + 1 ((FL2-2000) / 1000) + 1 Pcs / Adet	
EM51LS-1102	FRAME SEPARATOR KASA AYIRICI	2 Pcs / Adet	
EM51LS-C03	INJECTION GASKET ENJEKSİYON FİTİL	3 Set / Takım	
EM51LS-541	CORNER CAP SET KÖŞE DÖNÜŞ KAPAK	1 Set / Takım	

51S

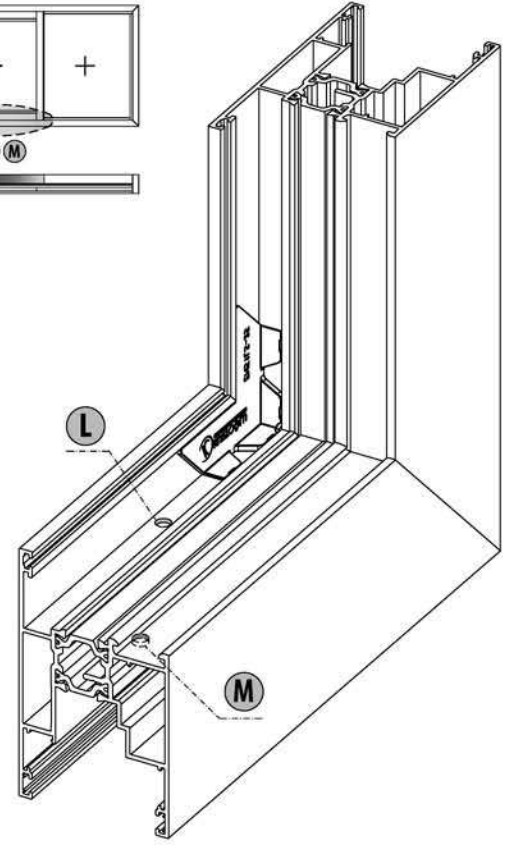
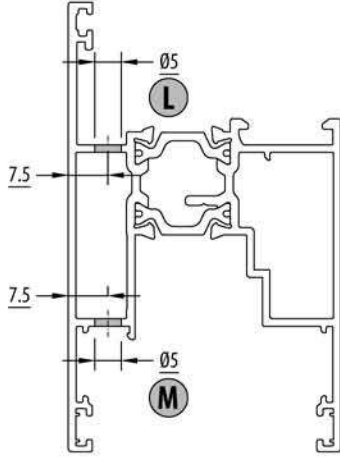
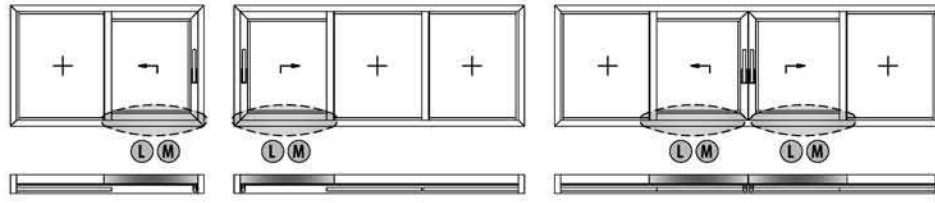
ASSEMBLY DETAILS / MONTAJ DETAYLARI

LIFT & SLIDE / KALDIR SÜR

SASH ASSEMBLY / KANAT UYGULAMA

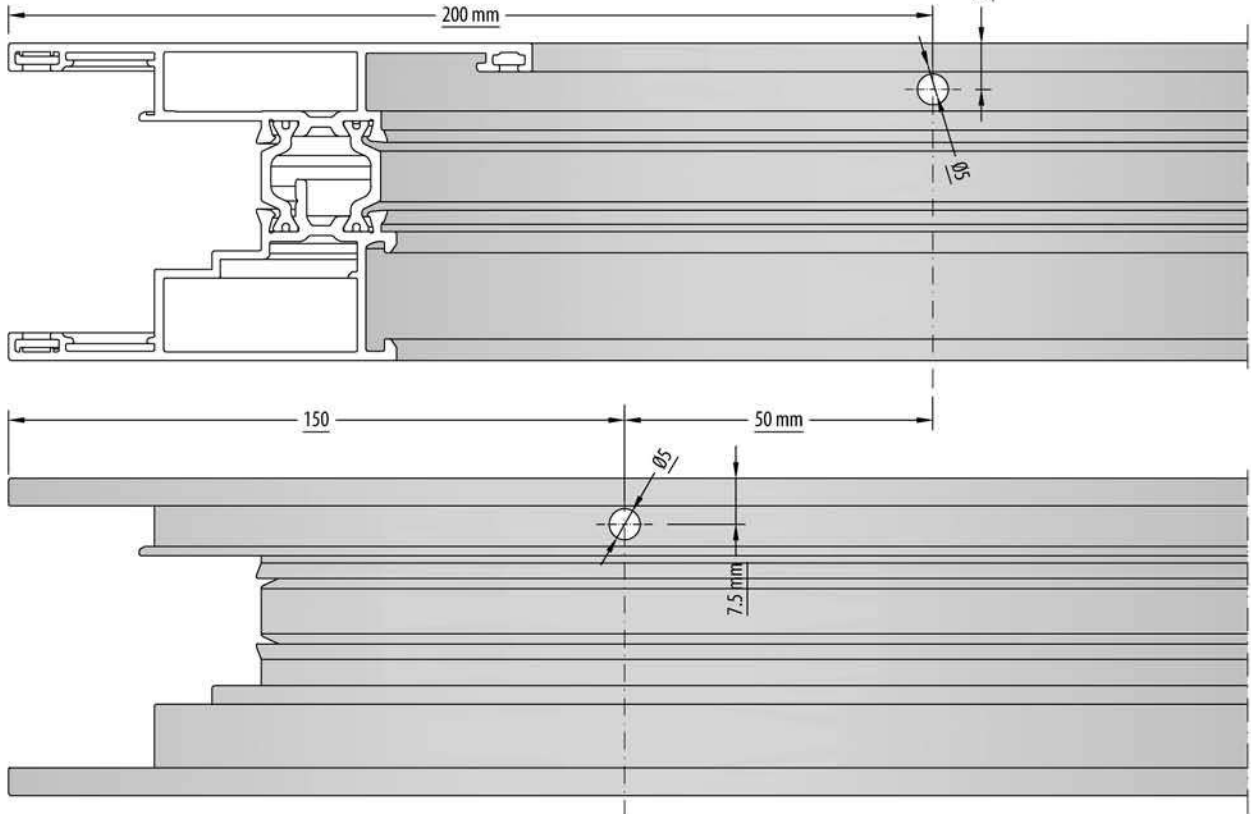


SASH DRAINAGE HOLES / KANAT TAHLİYE DELİKLERİ

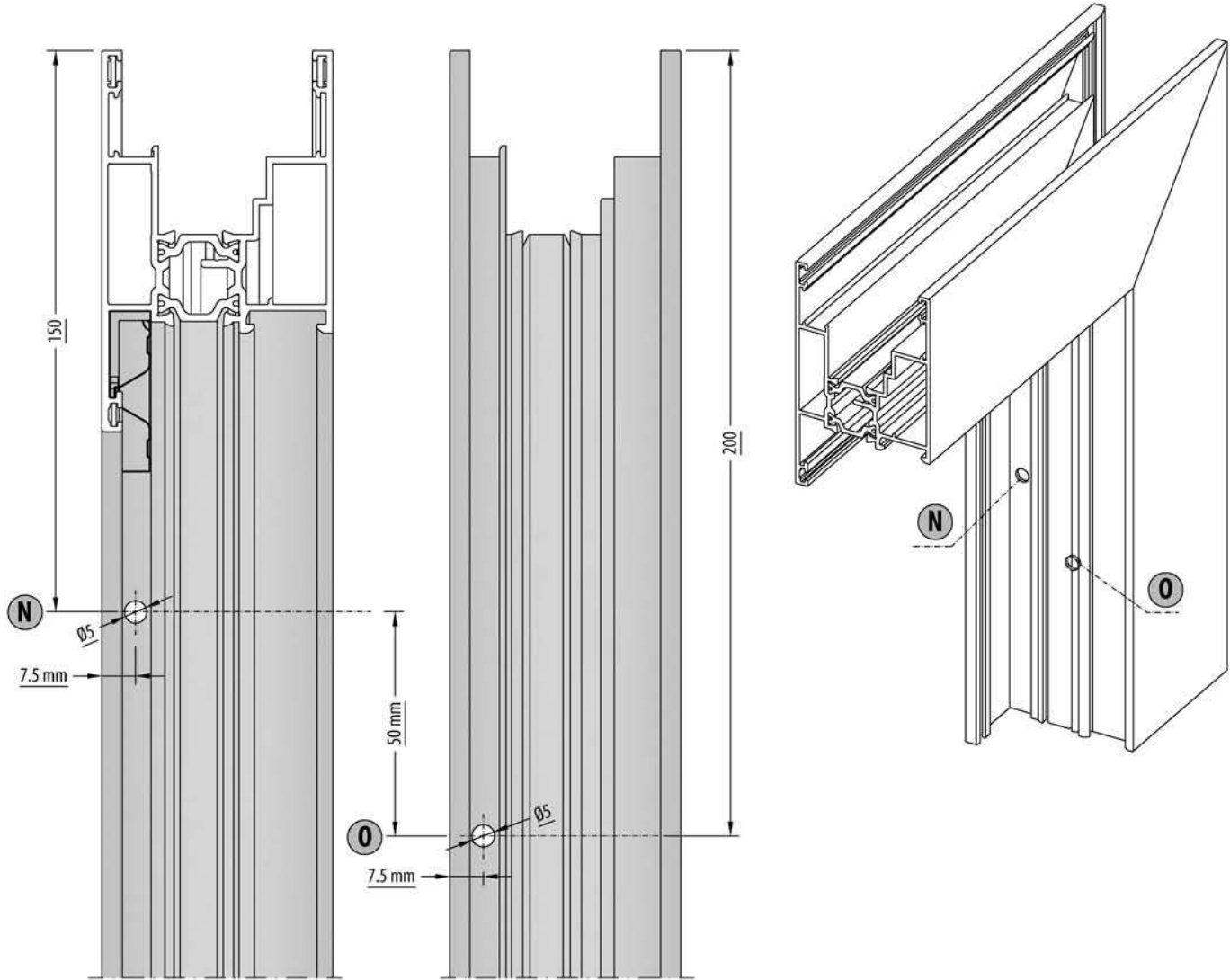
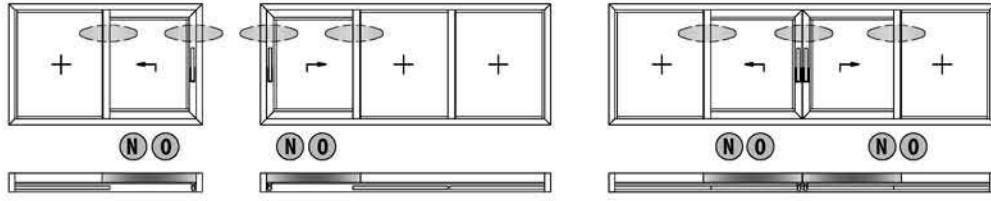


OPERATIONS / İŞLEMLER

- L** (51LS-201-00) Sash / Kanat
* Ø5 mm Hole / Delik
- M** (51LS-201-00) Sash / Kanat
* Ø5 mm Hole / Delik



SASH AERATION HOLES / KANAT HAVALANDIRMA DELİKLERİ

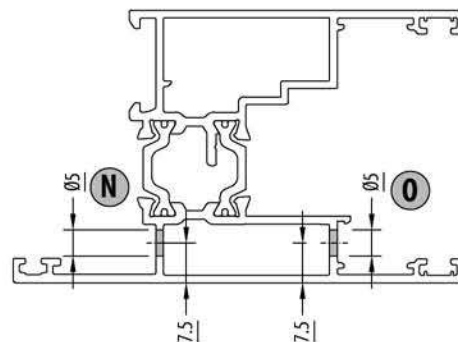


OPERATIONS / İŞLEMLER

N

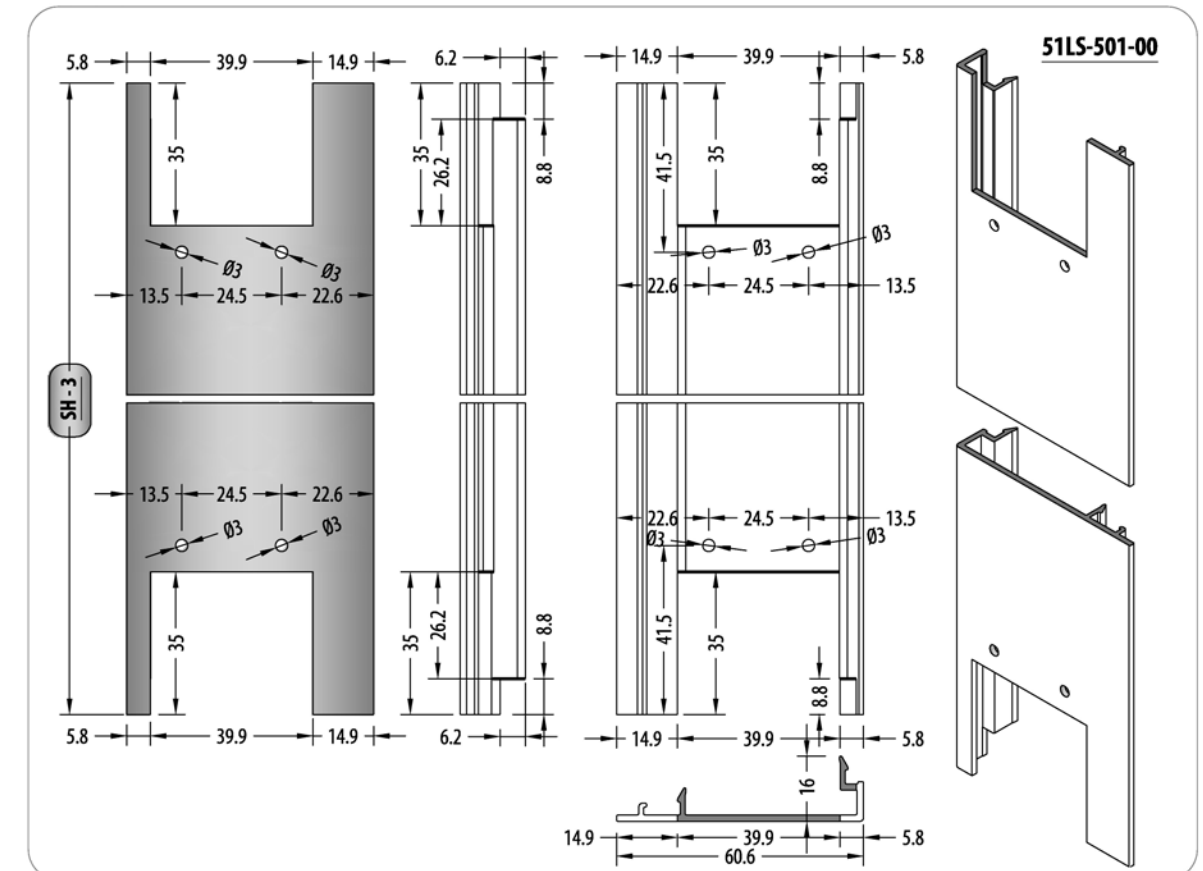
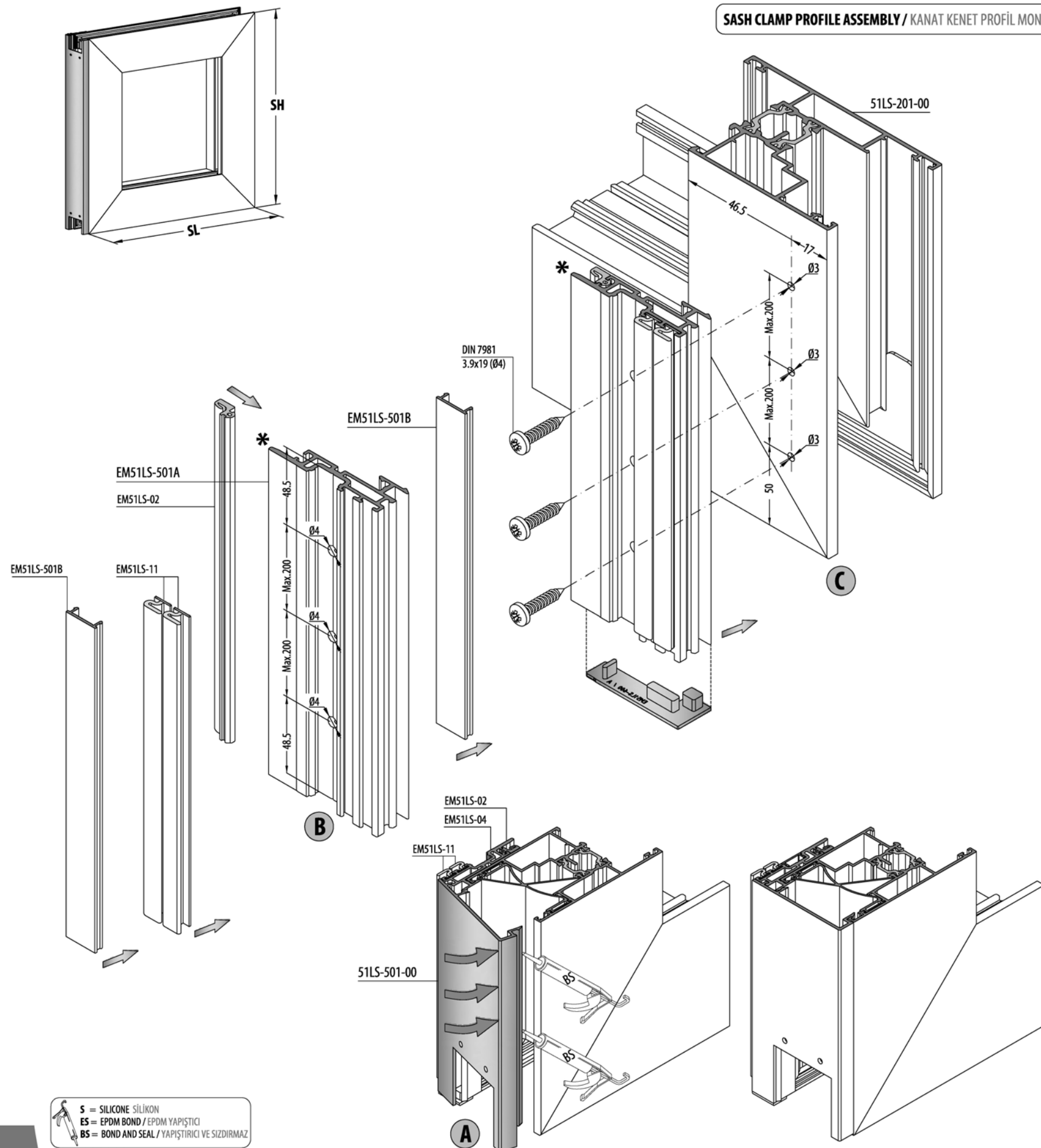
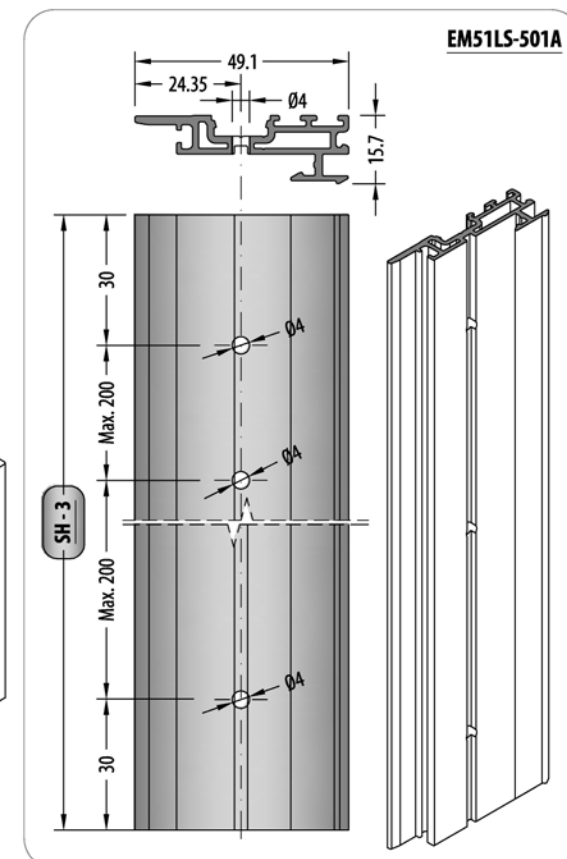
(51LS-201-00) Sash / Kanat
* Ø5 mm Hole / Delik

O

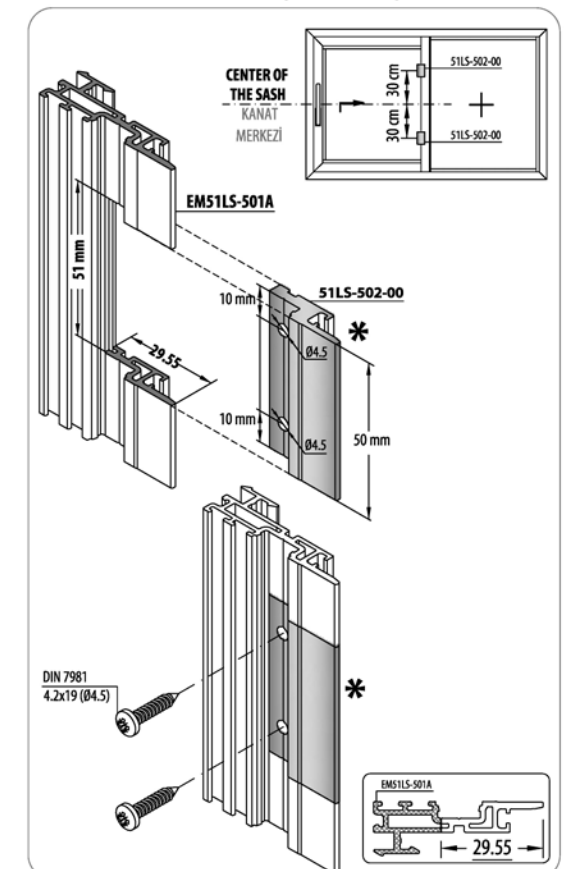
(51LS-201-00) Sash / Kanat
* Ø5 mm Hole / Delik

SASH CLAMP PROFILE ASSEMBLY / KANAT KENET PROFİL MONTAJI

NOCH / KERTME

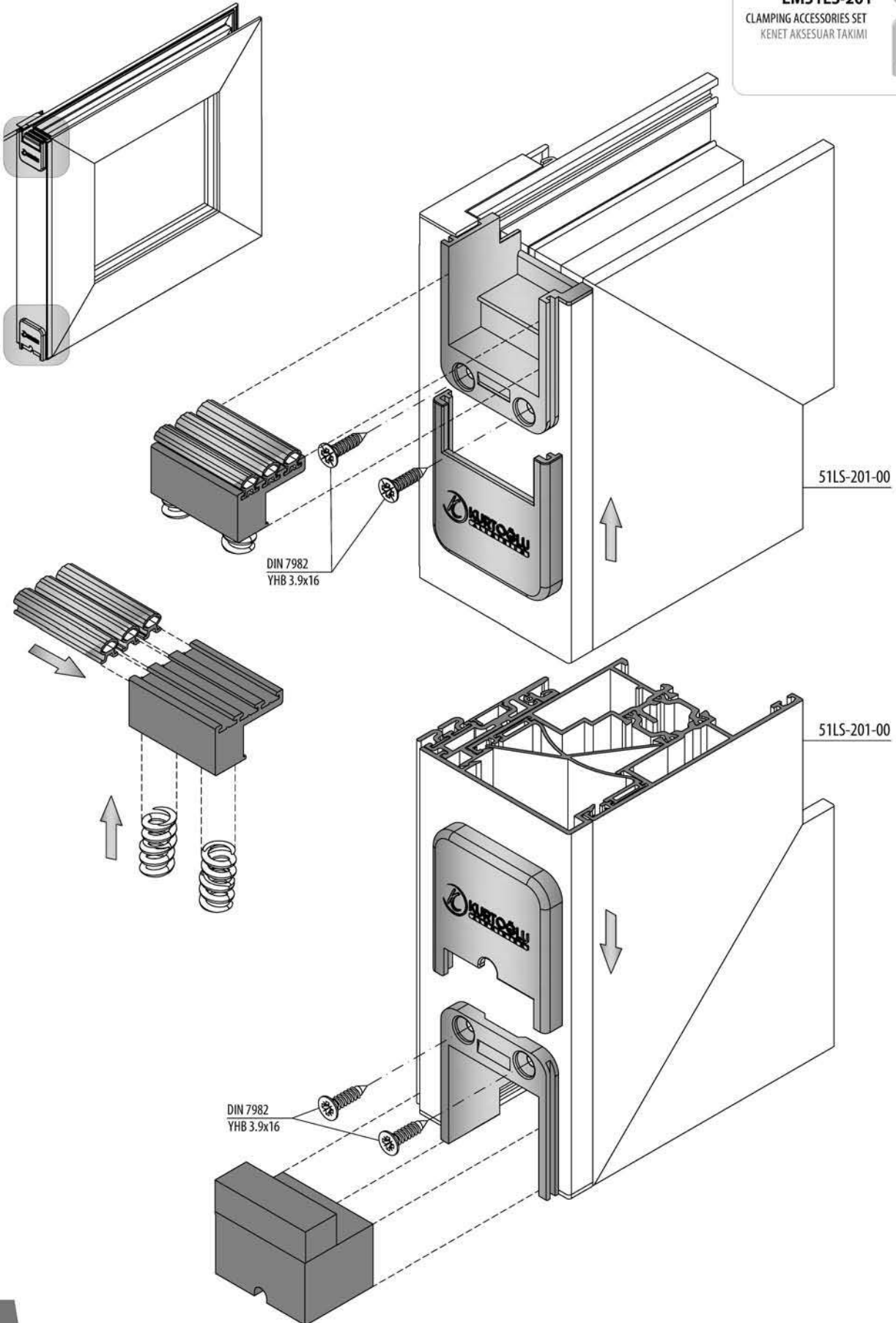
**HOLES / DELİK DELME**

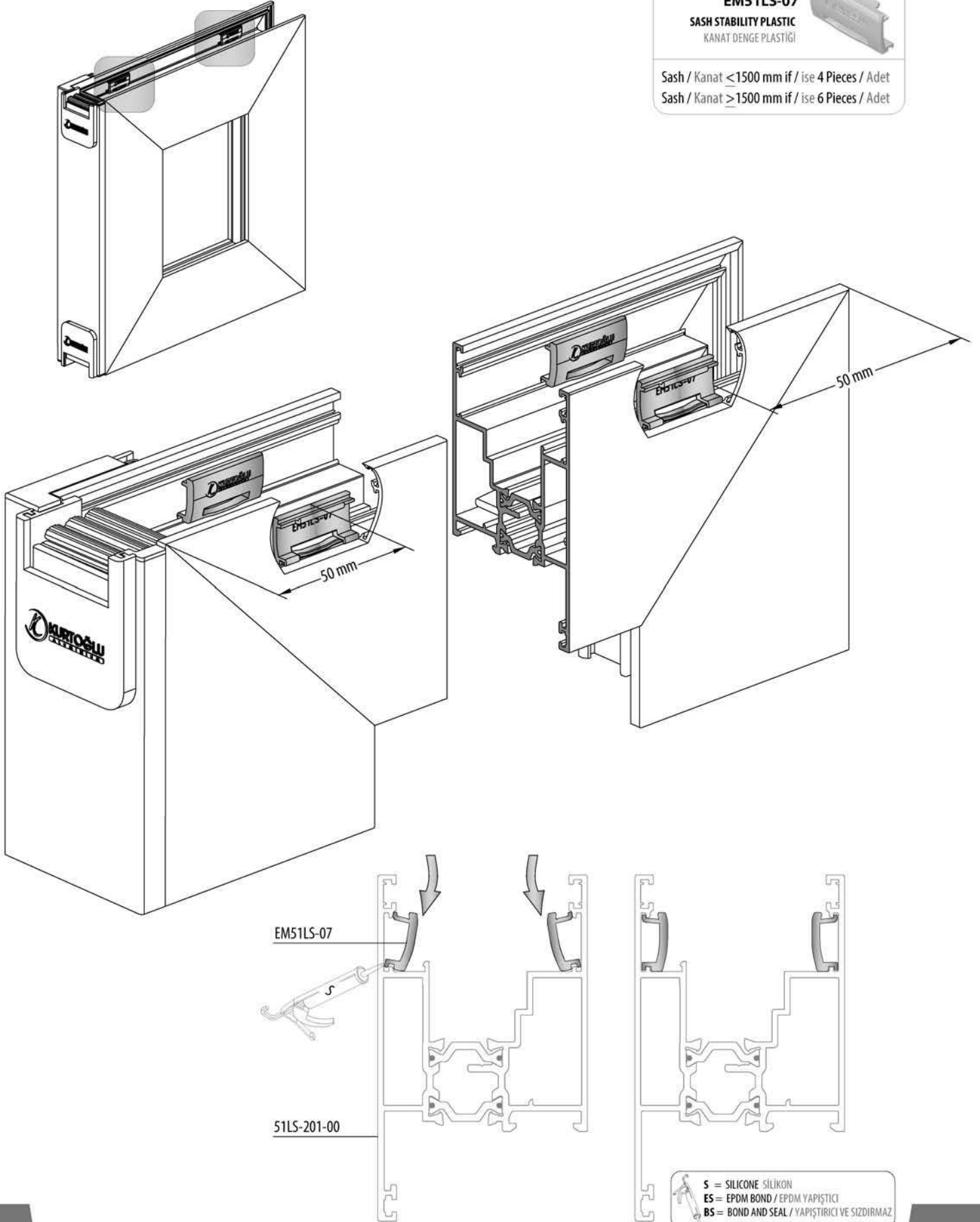
*** OPSİYONEL REINFORCE PART**
OPSİYONEL GÜÇLENDİRME PARÇASI



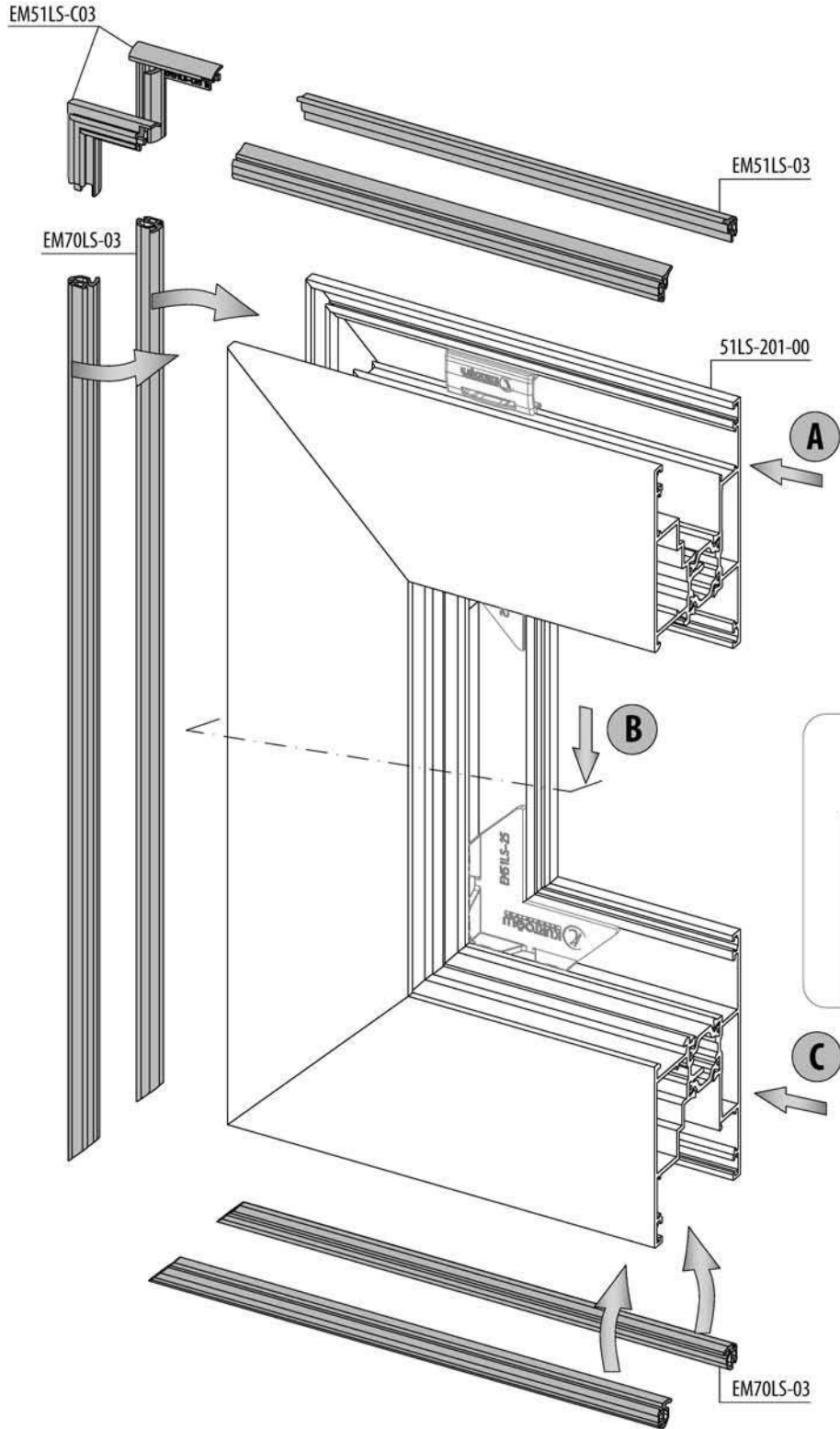
CLAMPING CAP ASSEMBLY / KENET KAPAK MONTAJI

EM51LS-201
CLAMPING ACCESSORIES SET
KENET AKSESUAR TAKIMI

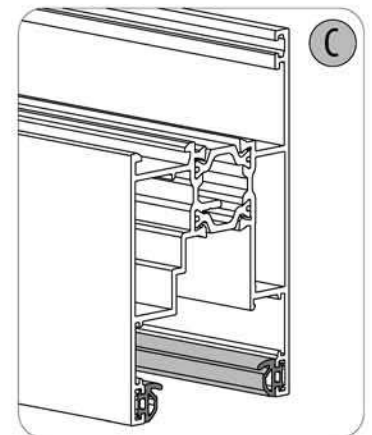
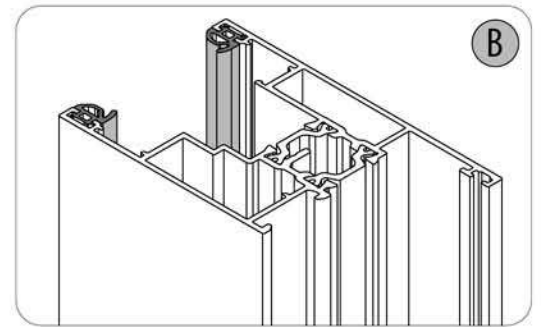
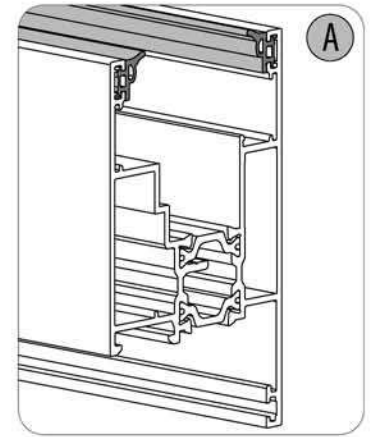
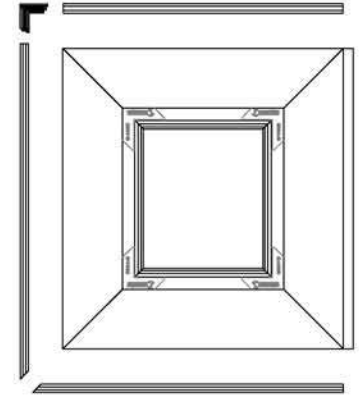


SASH STABILITY PLASTIC ASSEMBLY
 KANAT DENGİ PLASTİĞİ MONTAJI
EM51LS-07
SASH STABILITY PLASTIC
 KANAT DENGİ PLASTİĞİ
Sash / Kanat ≤ 1500 mm if / ise 4 Pieces / AdetSash / Kanat > 1500 mm if / ise 6 Pieces / Adet

GASKET ASSEMBLY / FİTİL MONTAJI

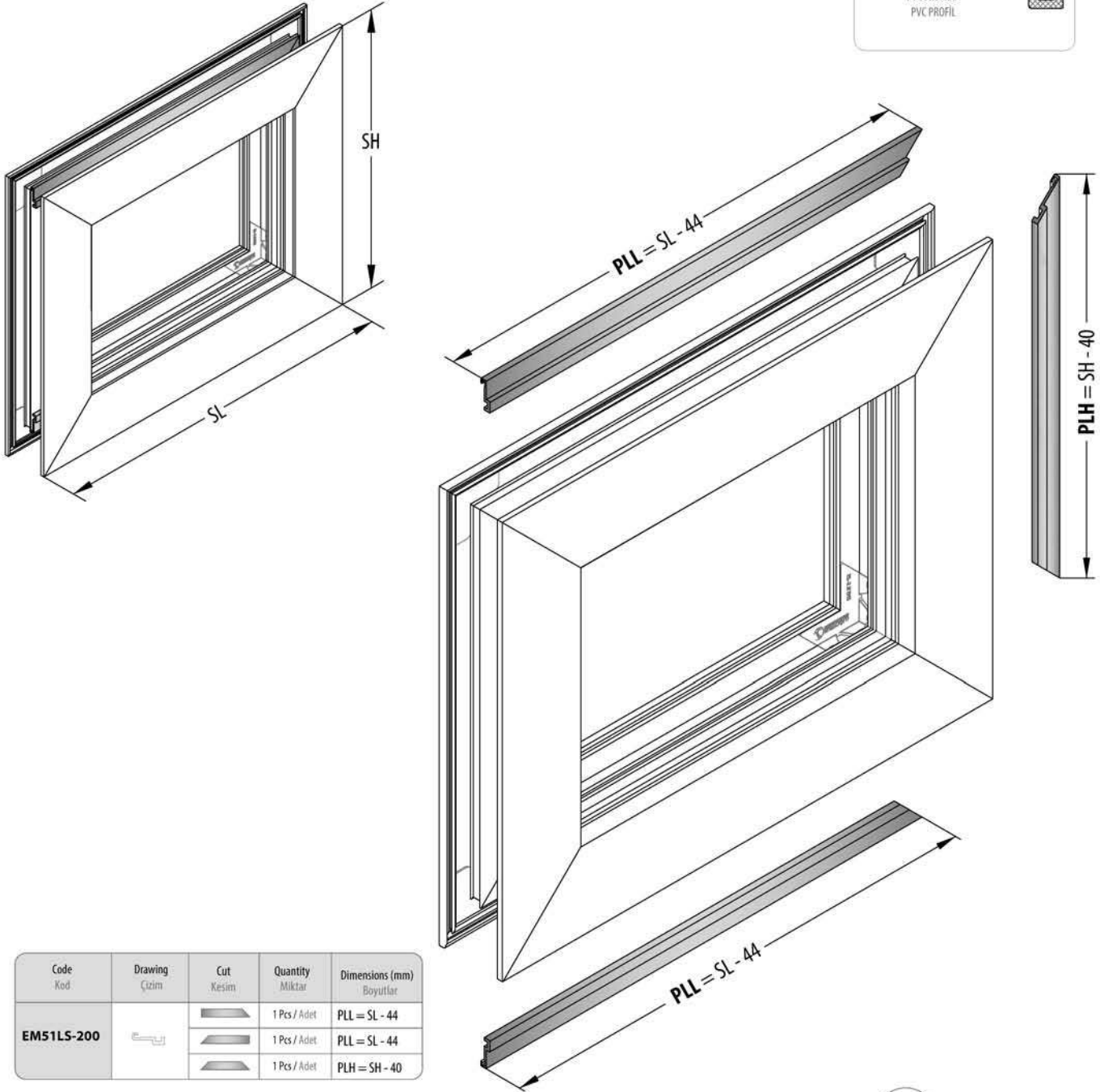


EM51LS-C03

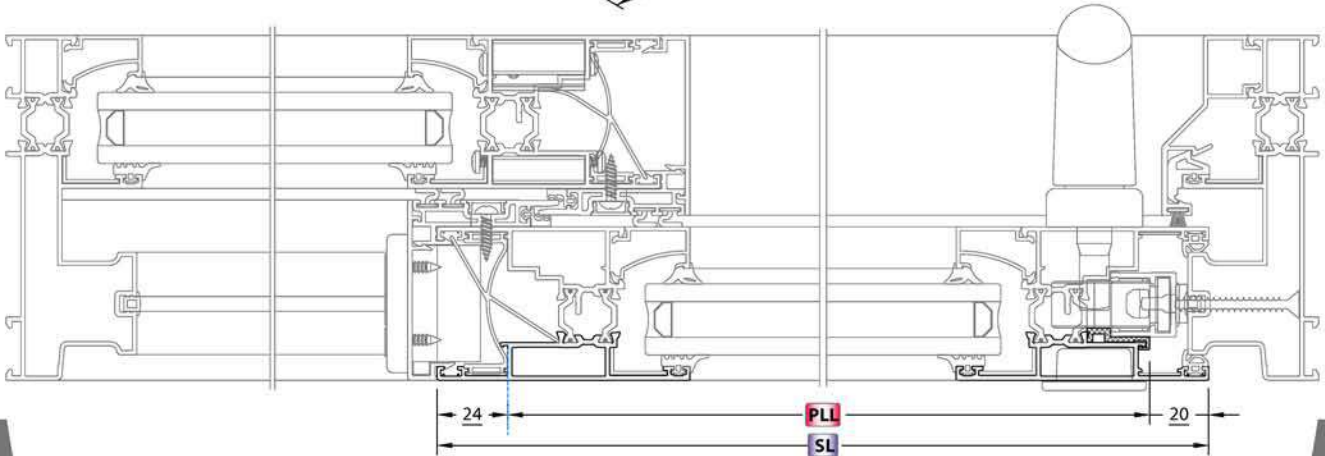


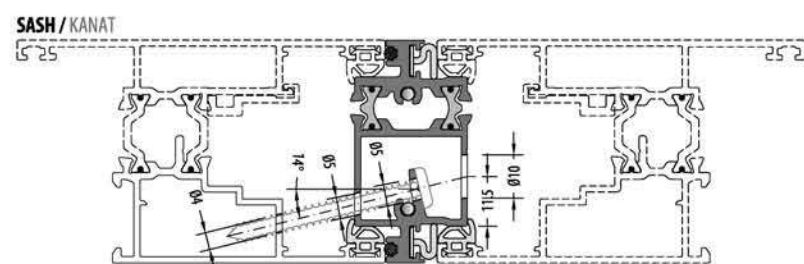
PVC PROFILE ASSEMBLY / PVC PROFİL MONTAJI

EM51LS-200
PVC PROFILE
PVC PROFİL



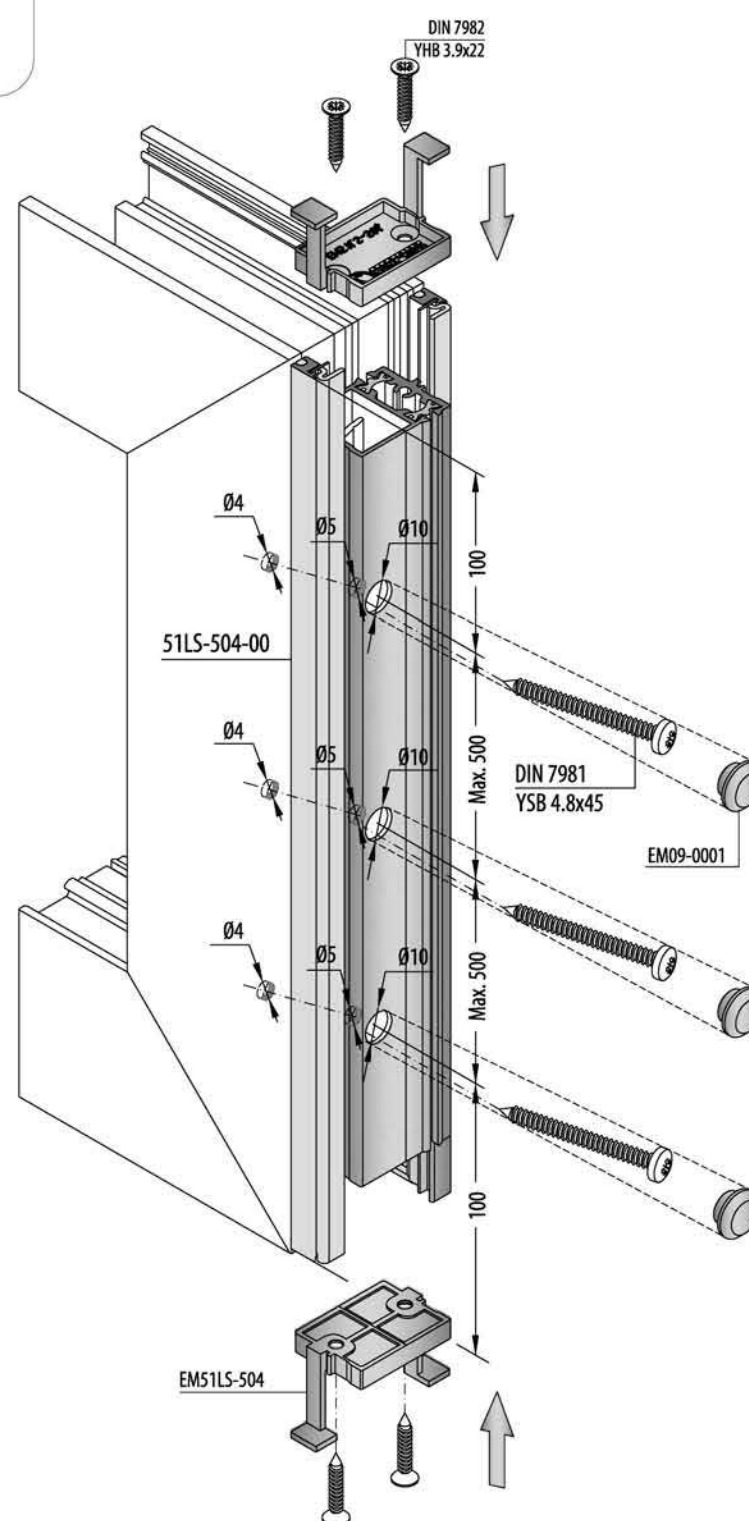
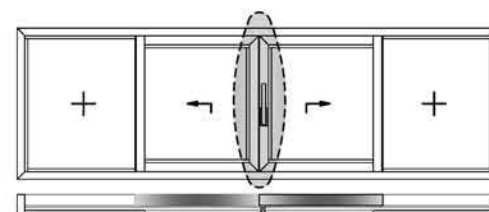
Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar
EM51LS-200			1 Pcs / Adet	PLL = SL - 44
			1 Pcs / Adet	PLL = SL - 44
			1 Pcs / Adet	PLH = SH - 40



HOLES DIMENSION / DELİK ÖLÇÜLERİ

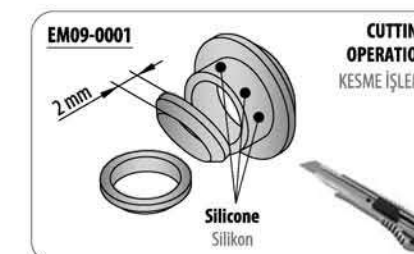
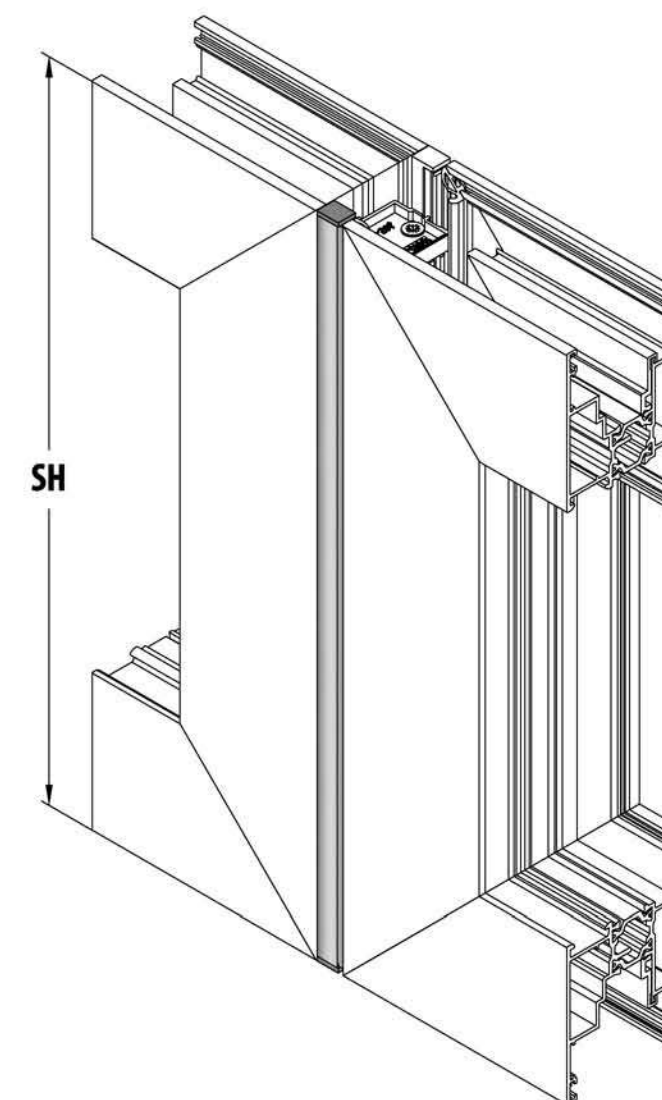
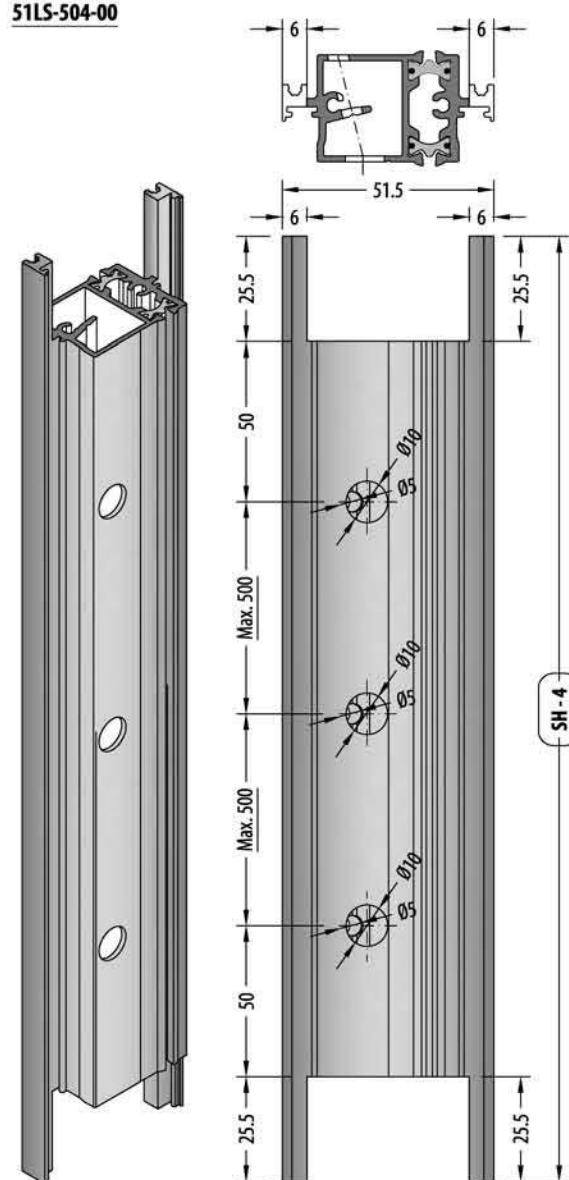
FOUR SASH ACCESSORIES ASSEMBLY / DÖRT KANAT AKSESUAR MONTAJI

51LS-504-00

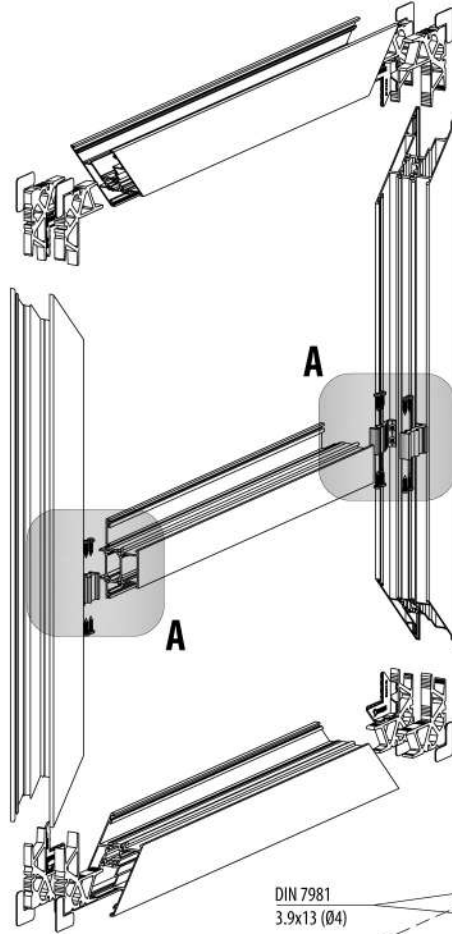
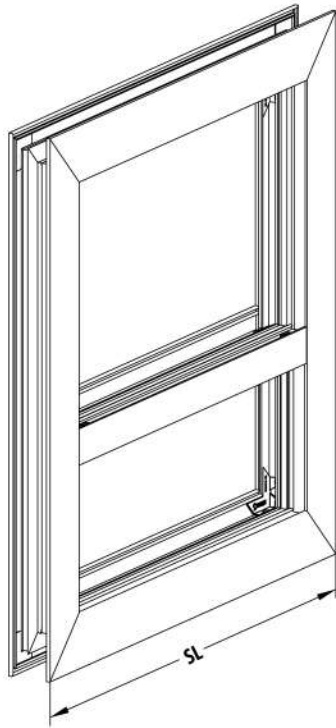


CUTTING DIMENSION / KESİM ÖLÇÜLERİ

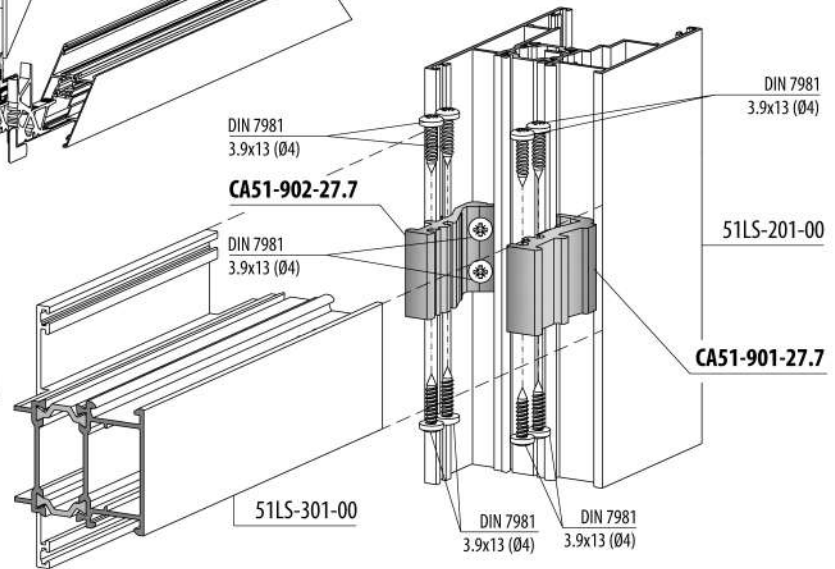
51LS-504-00



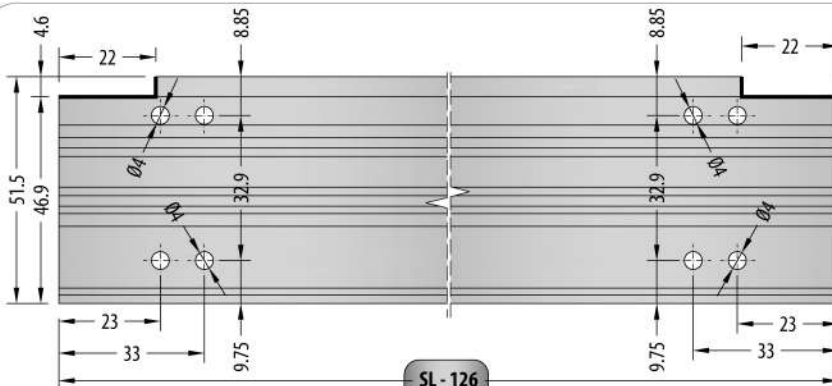
SASH & MULLION PROFILE ASSEMBLY
KANAT & ORTA KAYIT PROFİL MONTAJI



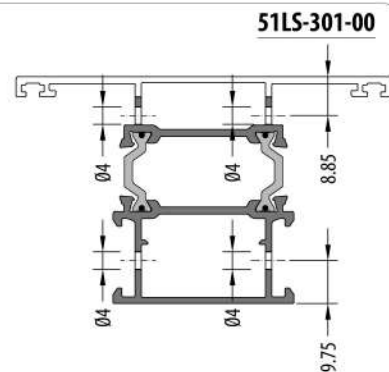
A - A DETAIL / DETAYI



A
NOTCH / KERTME



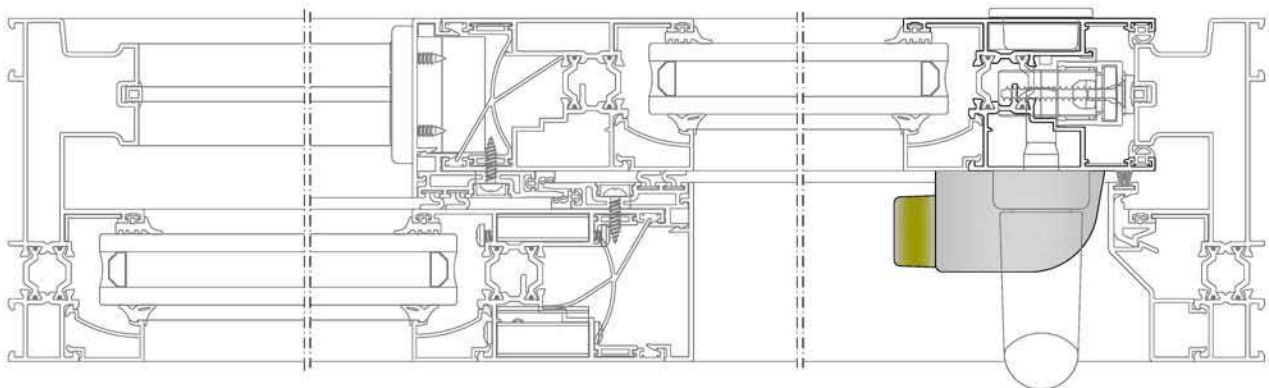
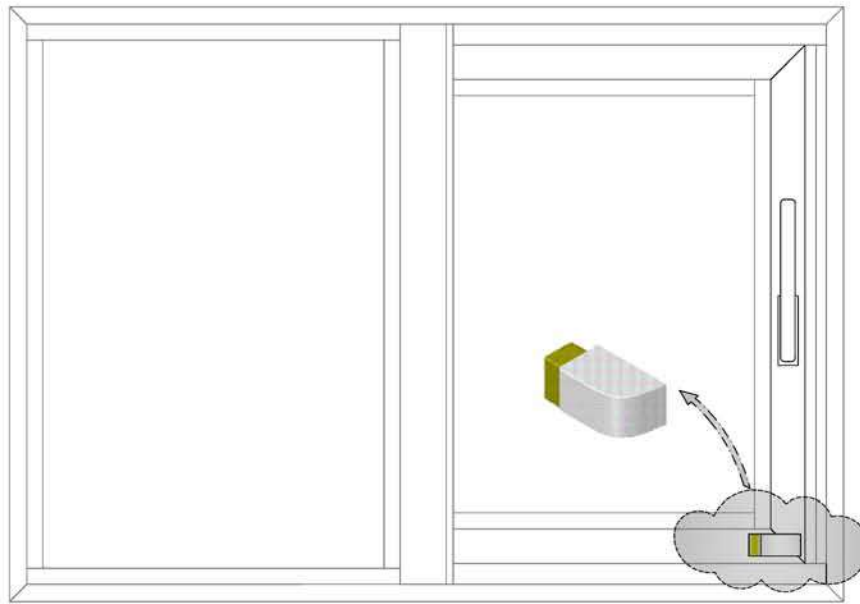
SL - 126



51LS-301-00

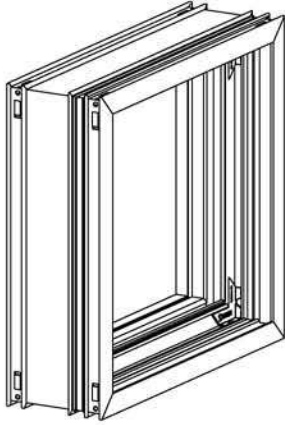
SASH STOPPER APPLICATION / KANAT STOPER UYGULAMASI

EM51LS-005
STOPPER
STOPER

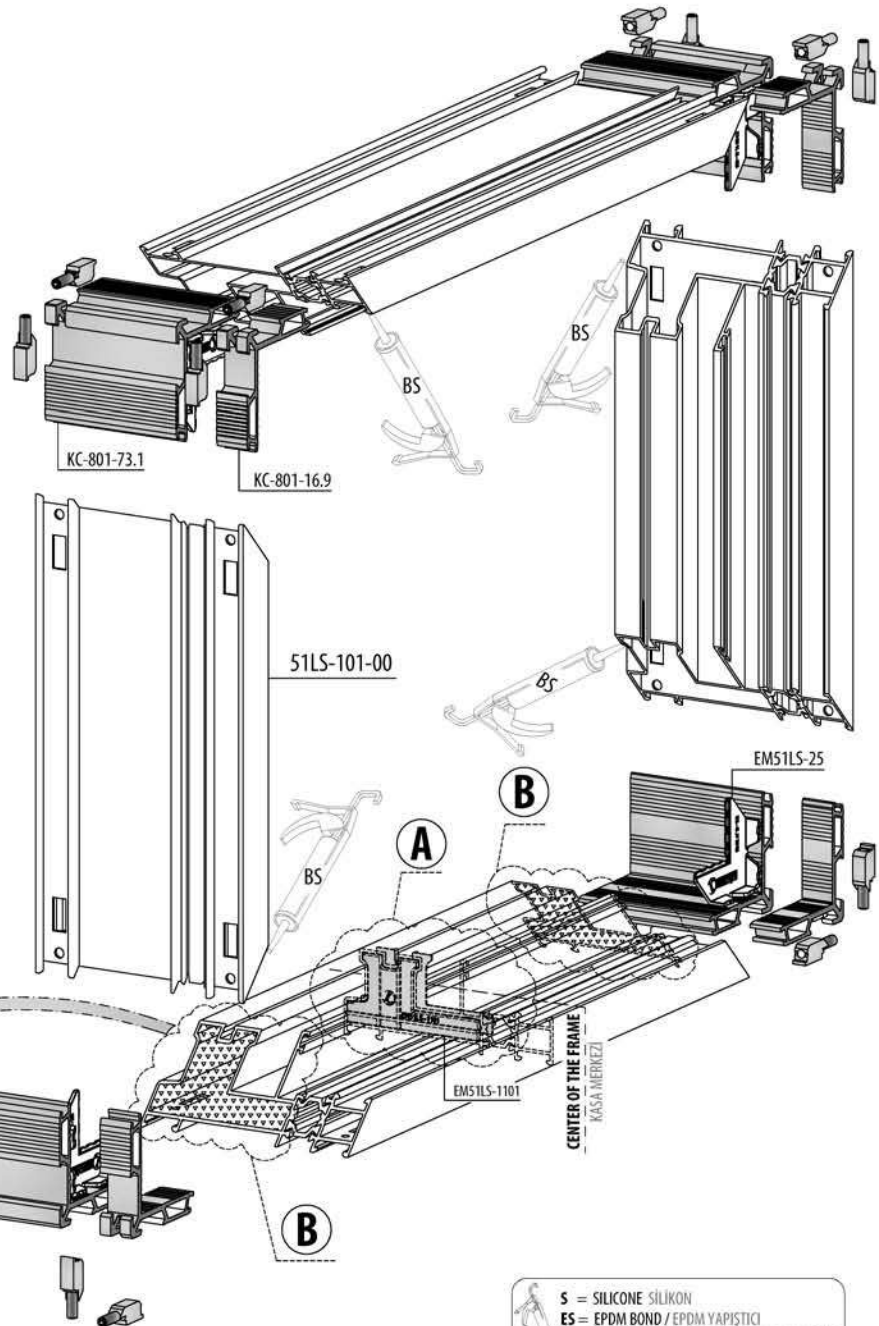
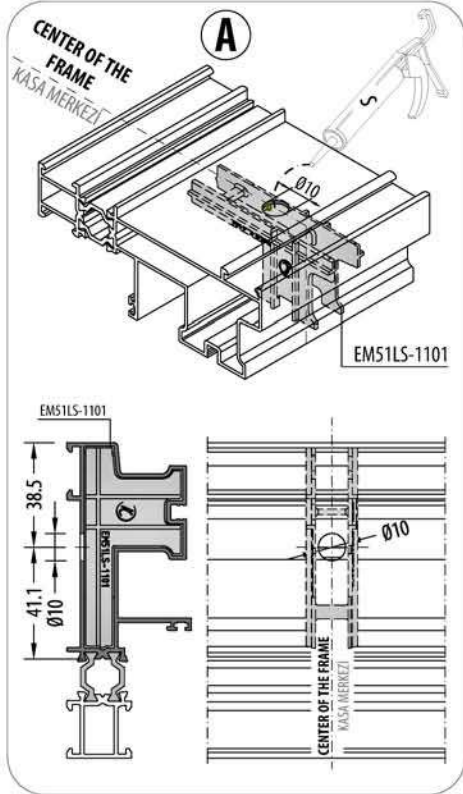
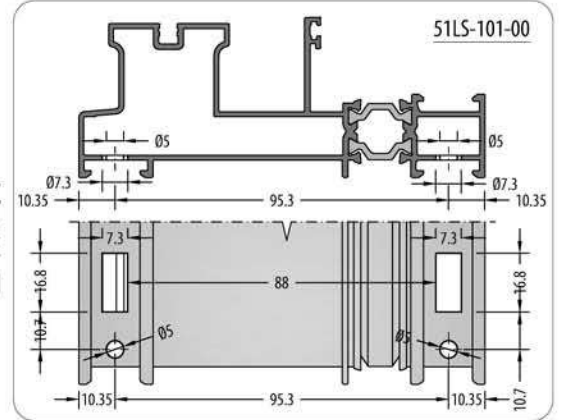


FRAME ASSEMBLY / KASA UYGULAMA

51LS-101-00



WITH MECHANICAL
CORNER JOINT
MEKANİK KÖŞE
BAĞLANTI

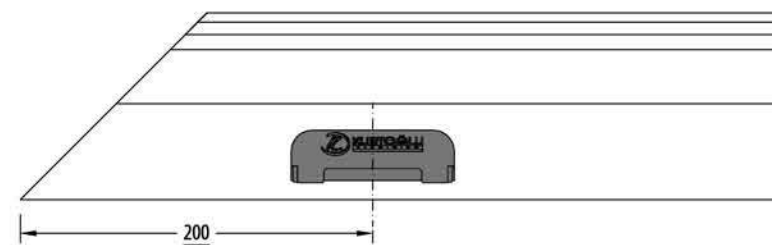
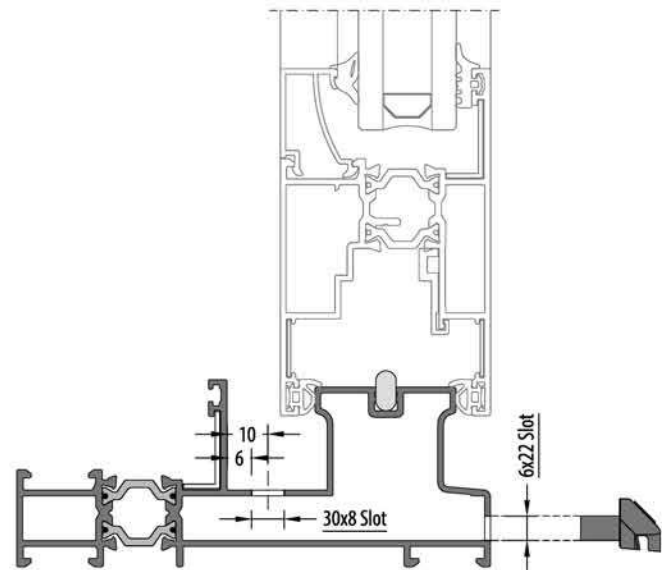
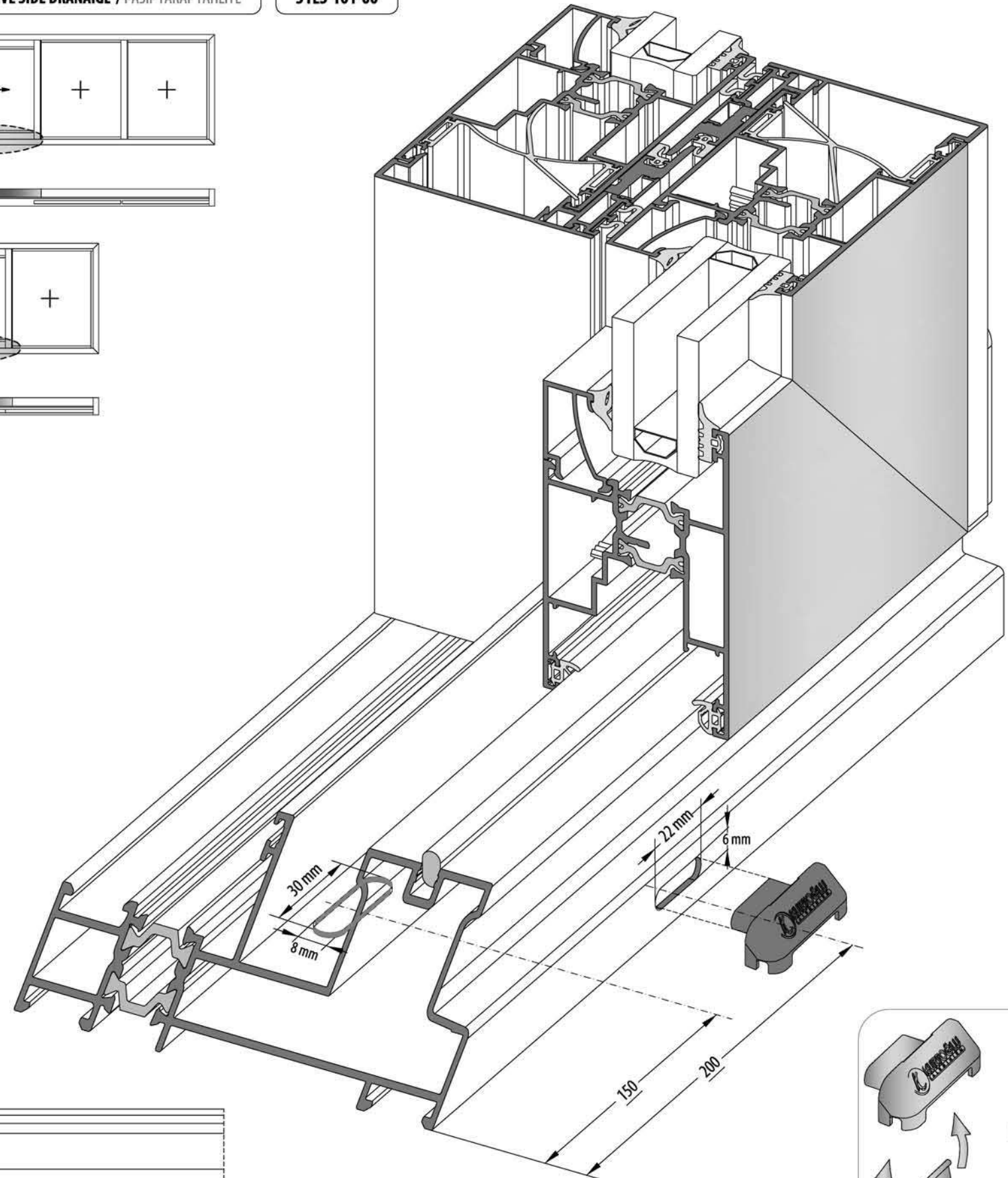
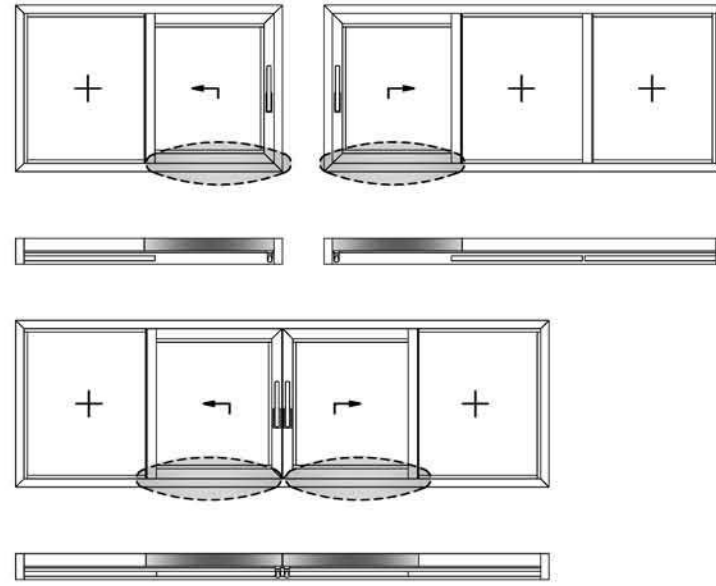
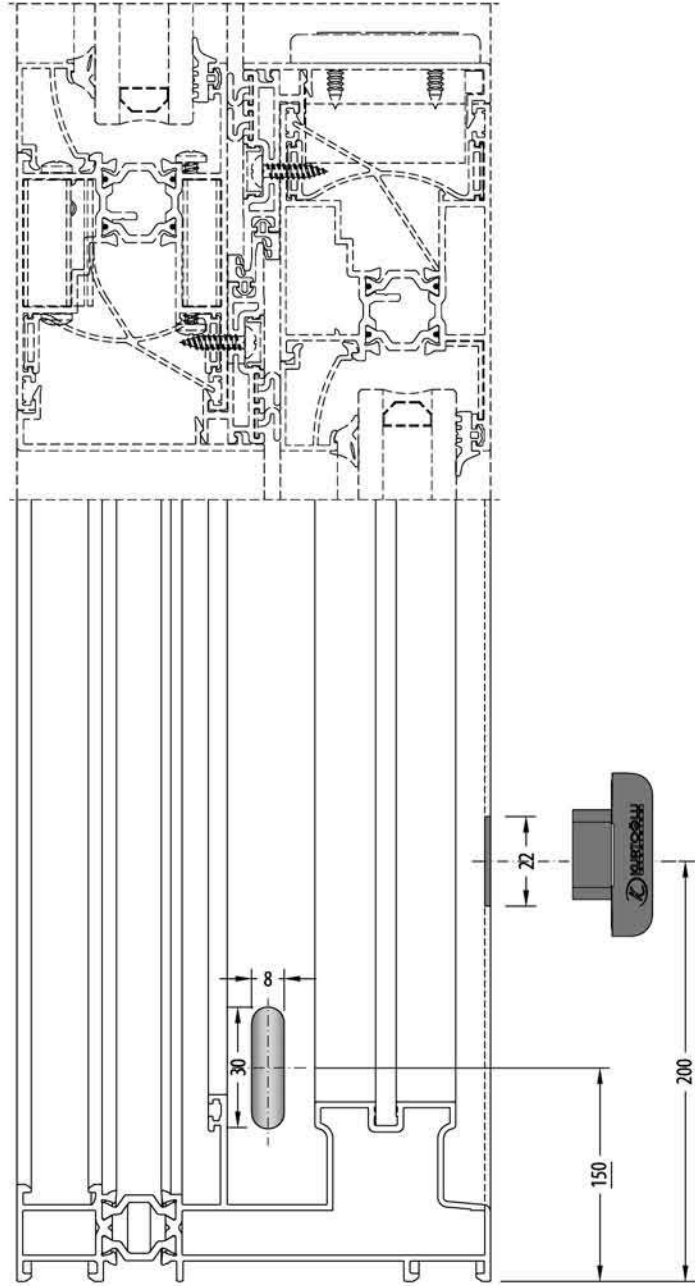


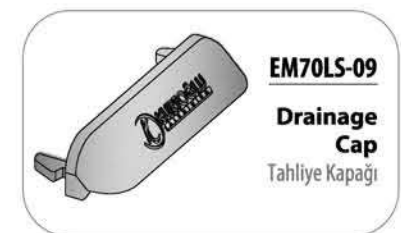
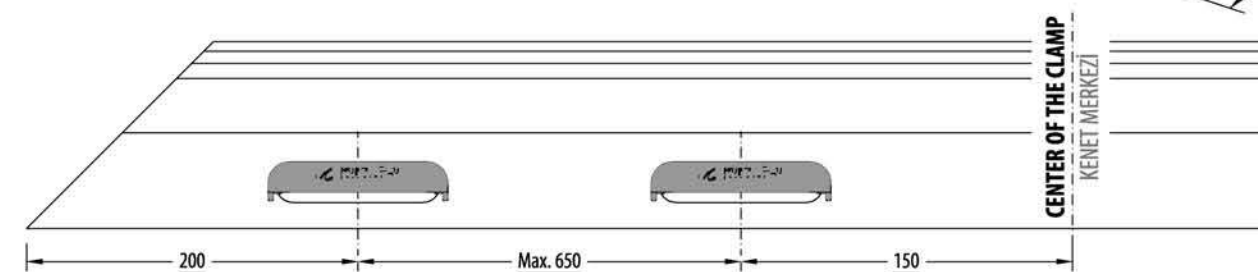
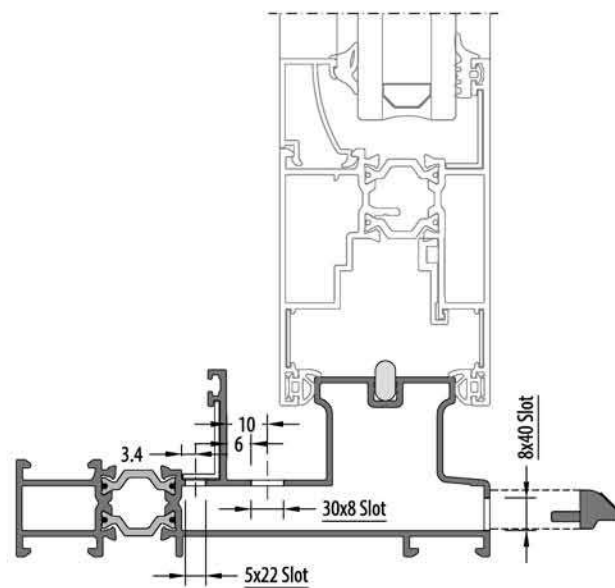
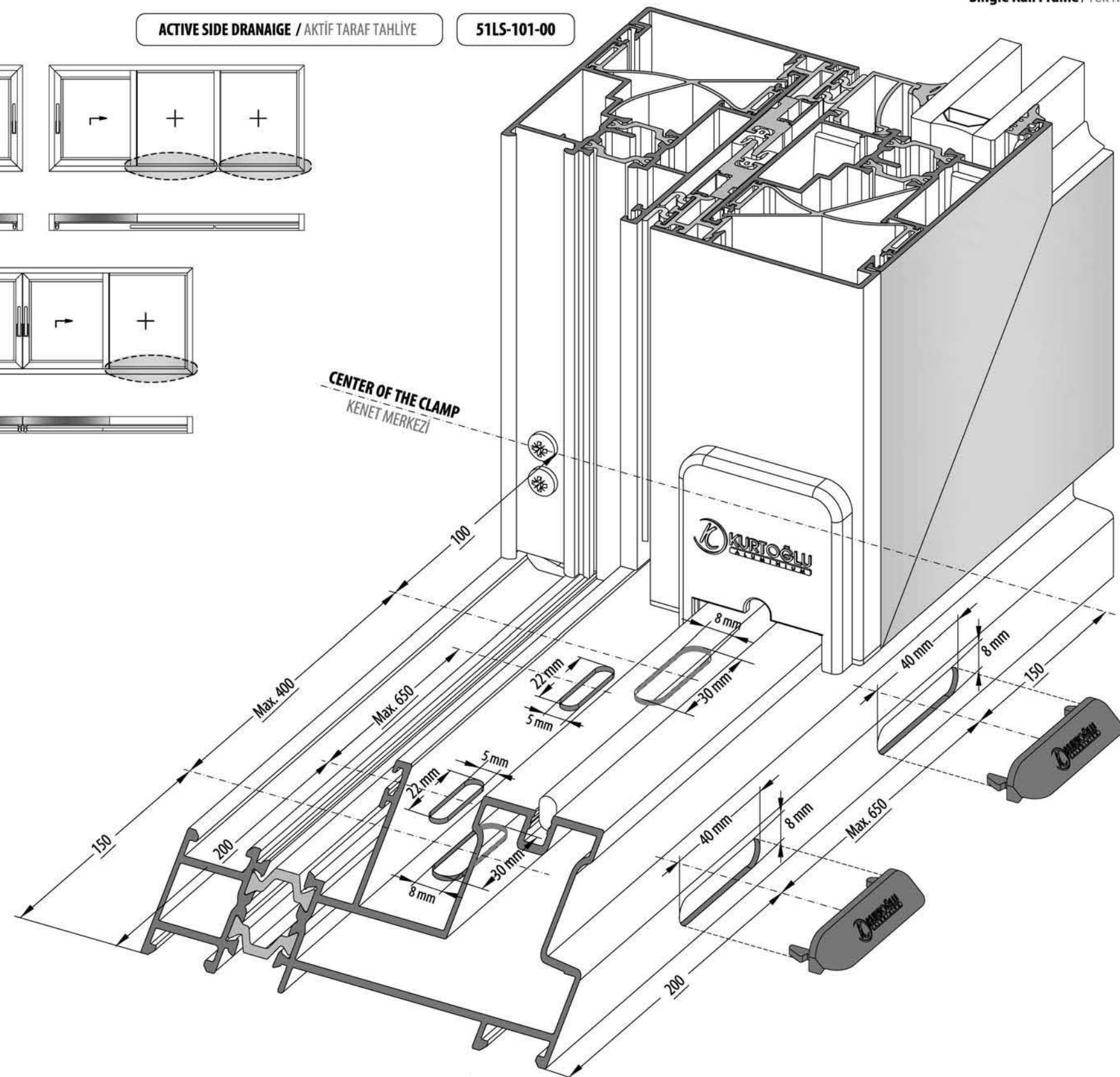
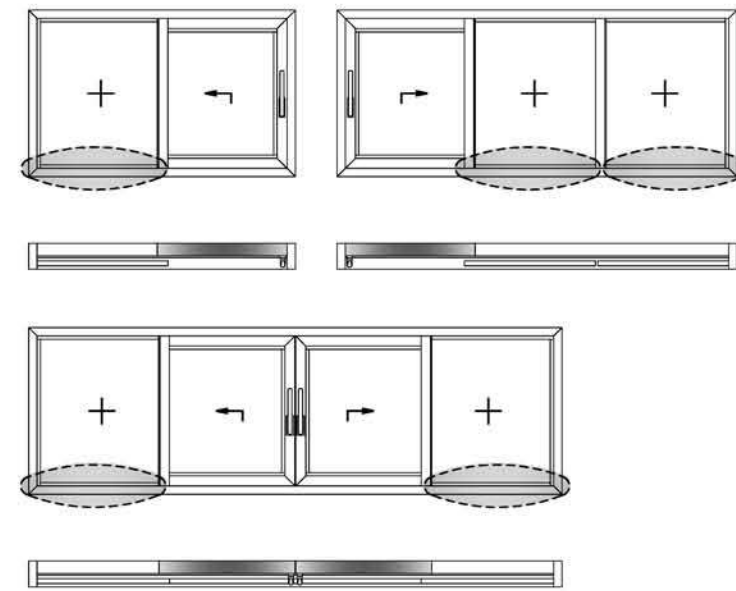
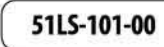
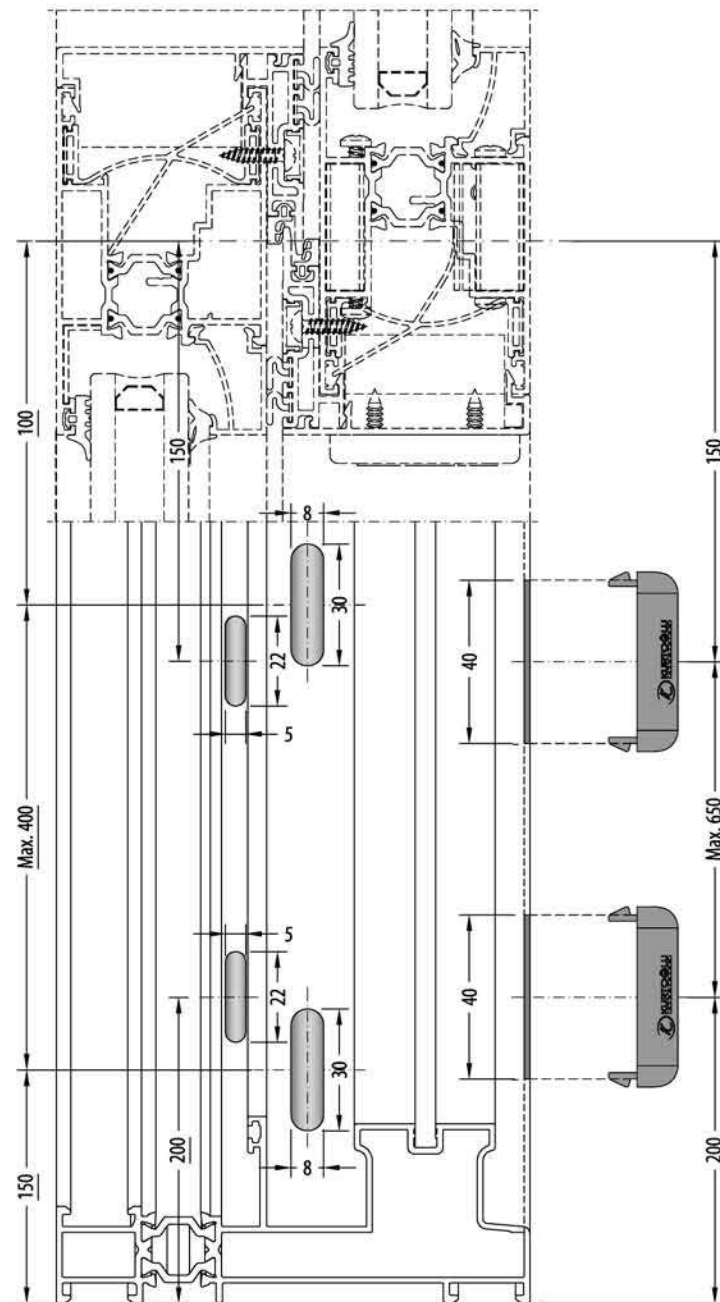
FILLING WITH SILICONE
SİLİKON İLE DOLDUR

S = SILICONE SİLİKON
ES = EPDM BOND / EPDM YAPIŞTICI
BS = BOND AND SEAL / YAPIŞTIRICI VE SIZDIRMAZ

PASSIVE SIDE DRAINAGE / PASİF TARAF TAHLİYE

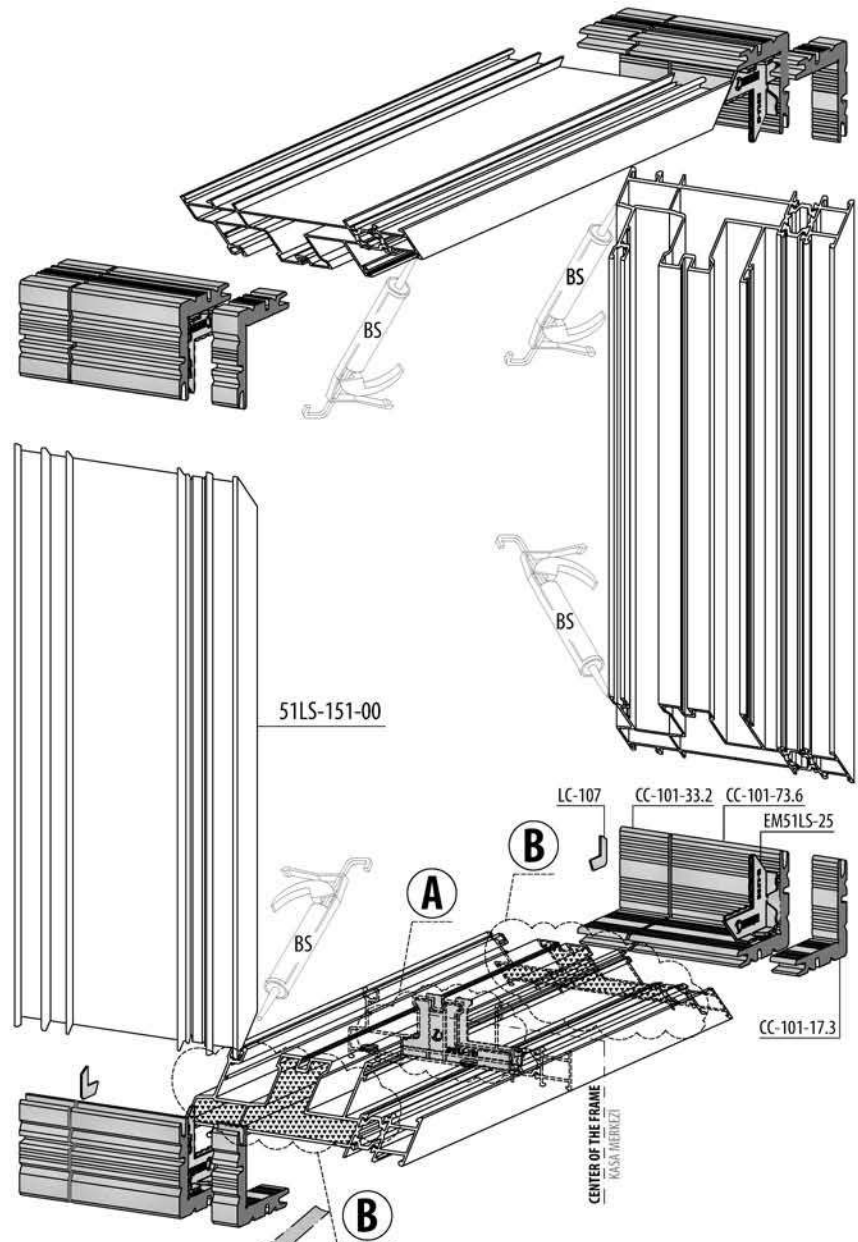
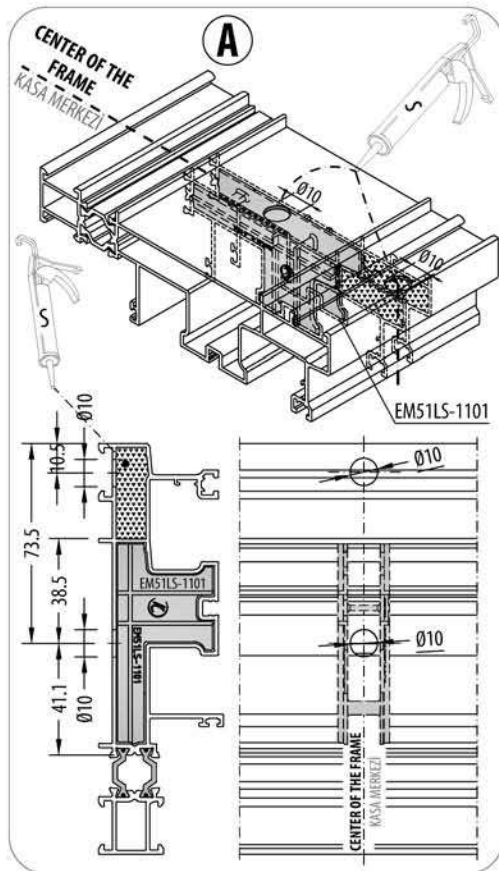
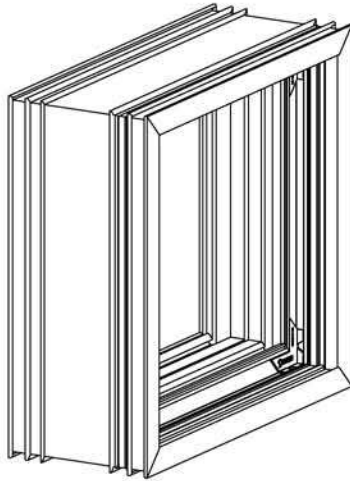
51LS-101-00





FRAME ASSEMBLY / KASA UYGULAMA

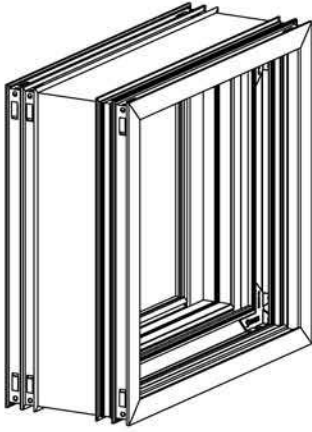
51LS-151-00



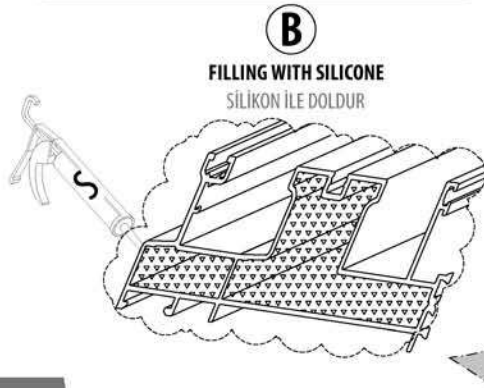
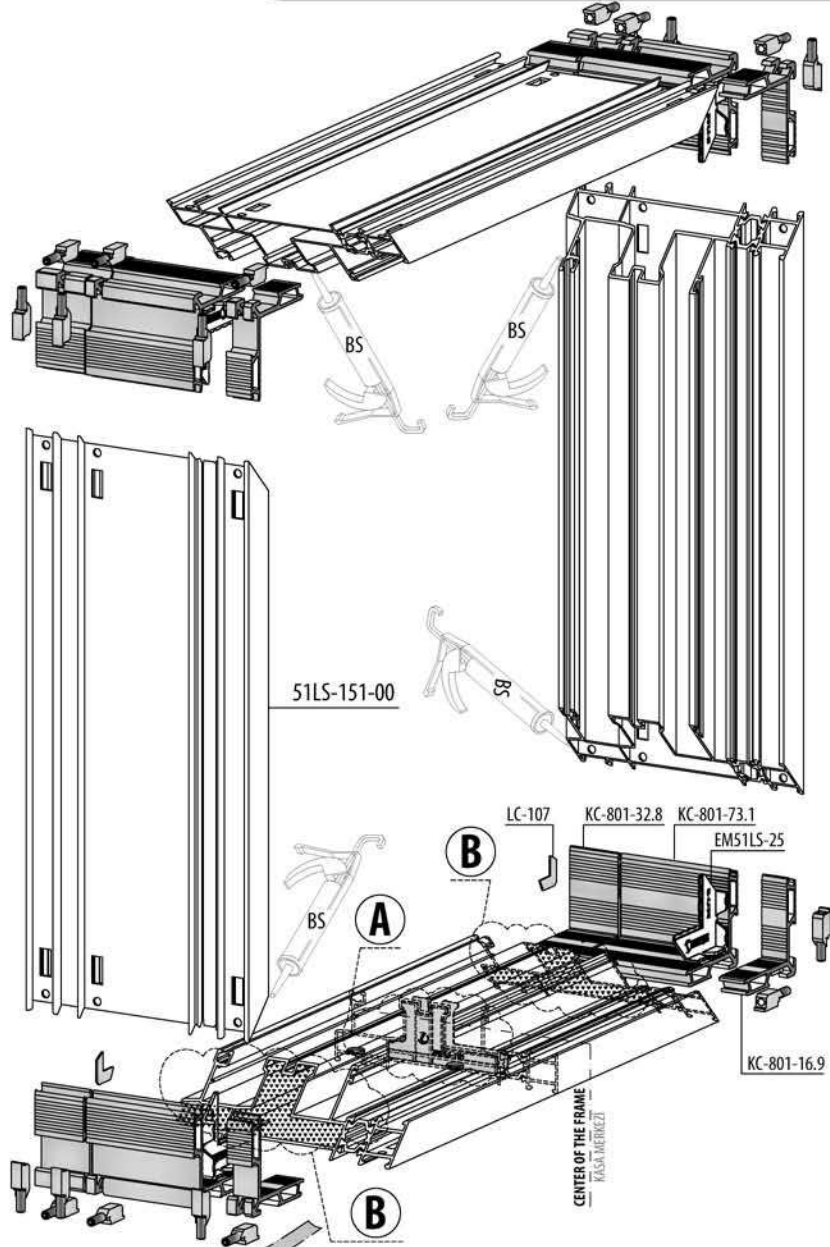
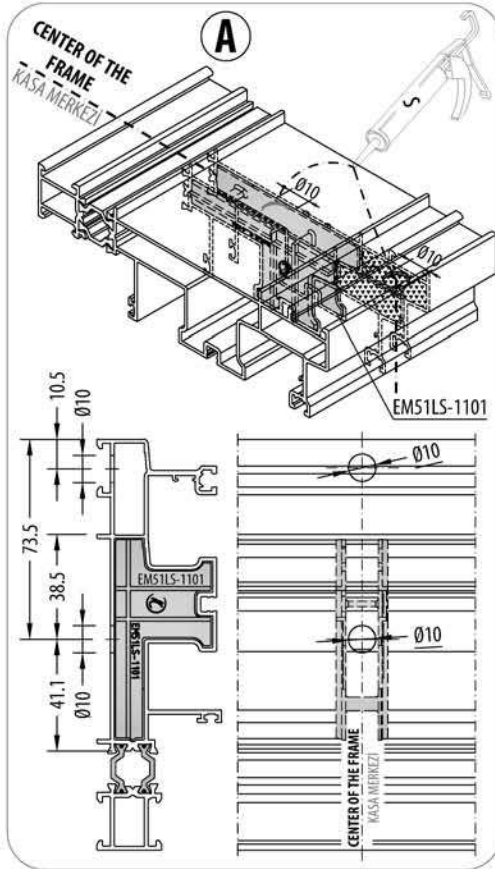
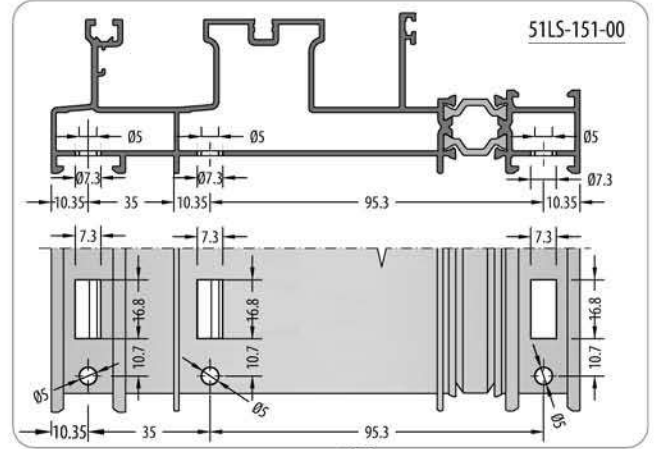
S = SILICONE / SİLİKON
ES = EPDM BOND / EPDM YAPIŞTIRICI
BS = BOND AND SEAL / YAPIŞTIRICI VE SIZDIRMAZ

FRAME ASSEMBLY / KASA UYGULAMA

51LS-151-00



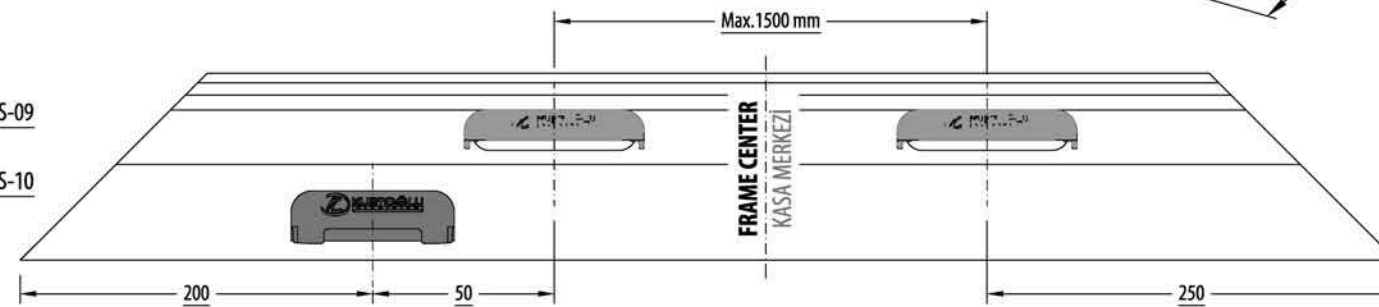
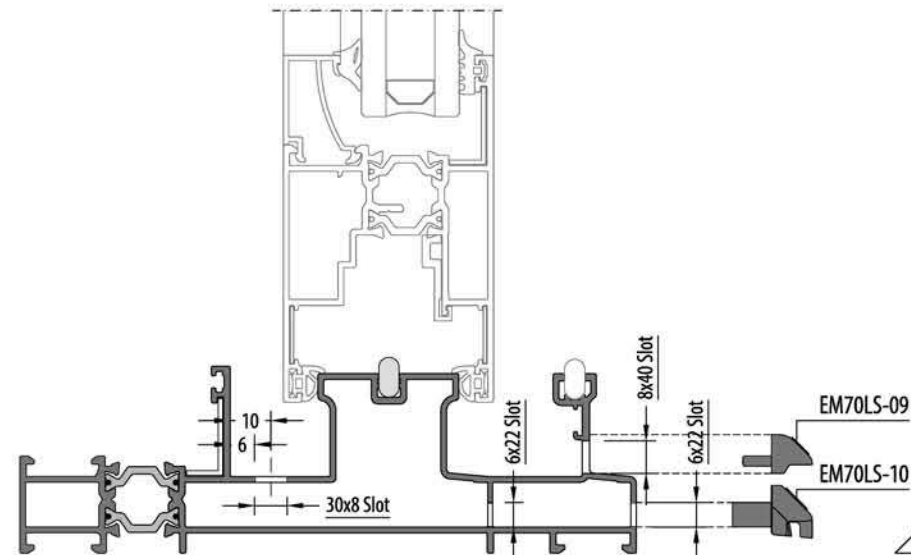
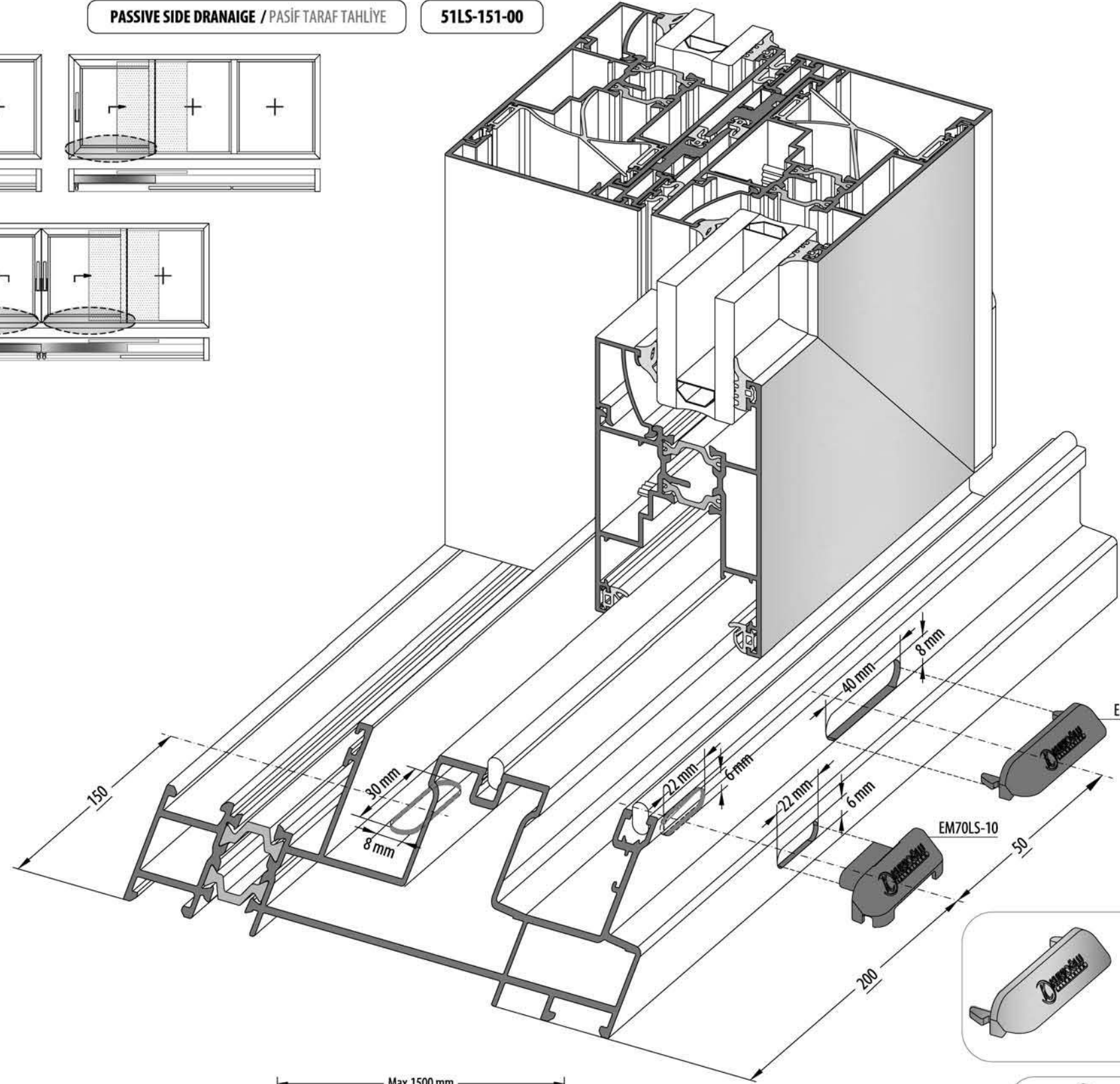
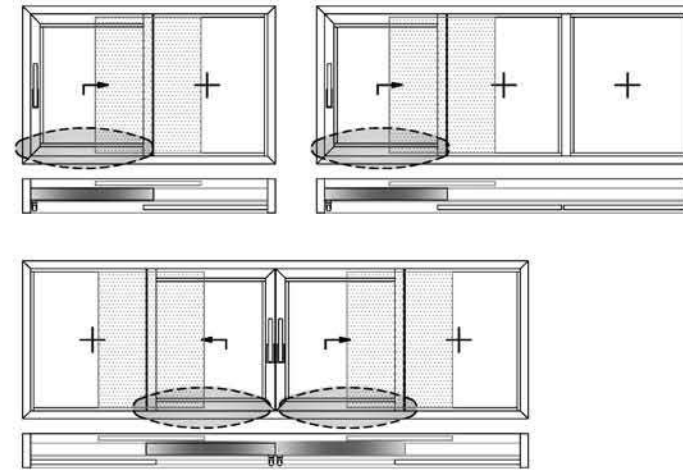
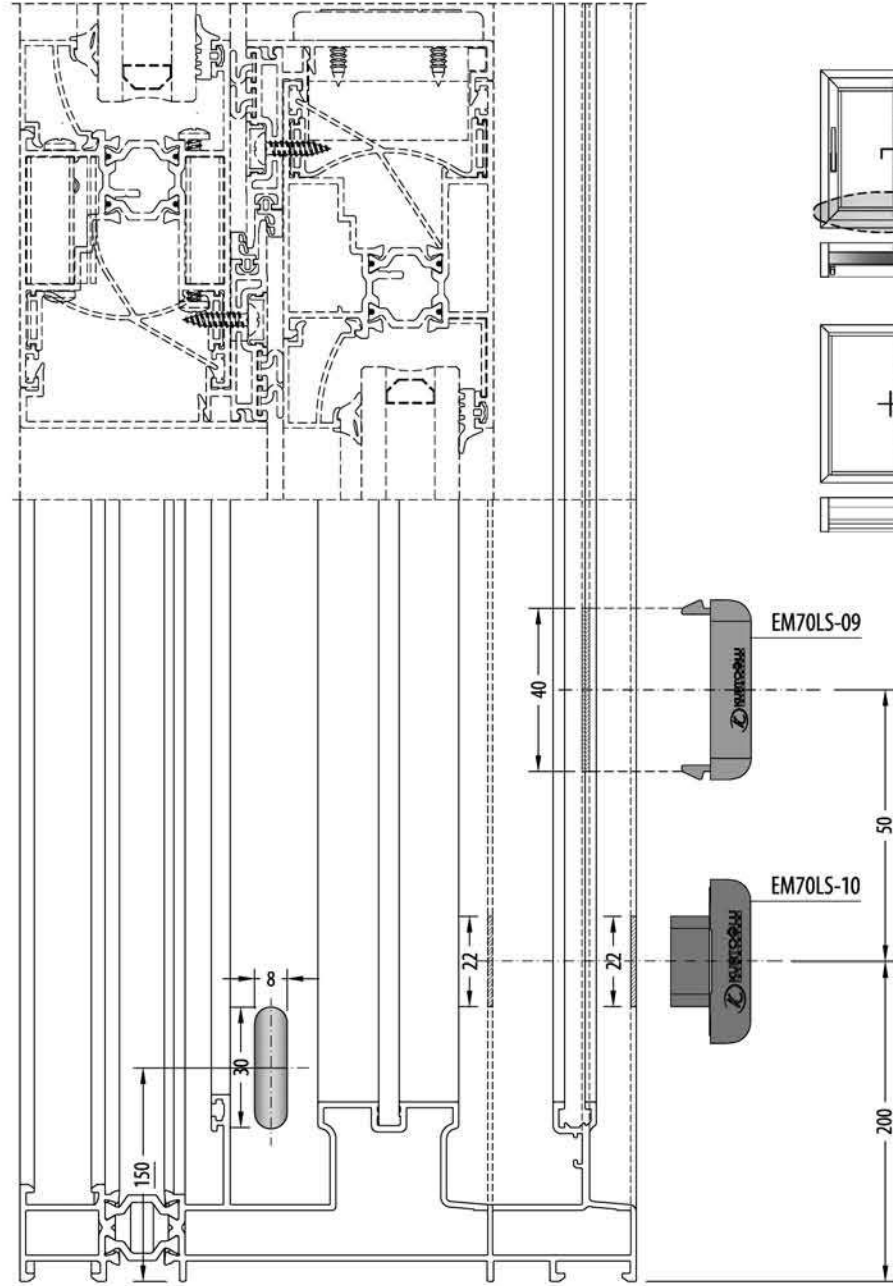
WITH MECHANICAL
CORNER JOINT
MEKANİK KÖŞE
BAĞLANTI



S = SILICONE SİLİKON
ES = EPDM BOND / EPDM YAPIŞTICI
BS = BOND AND SEAL / YAPIŞTIRICI VE SIZDIRMAZ

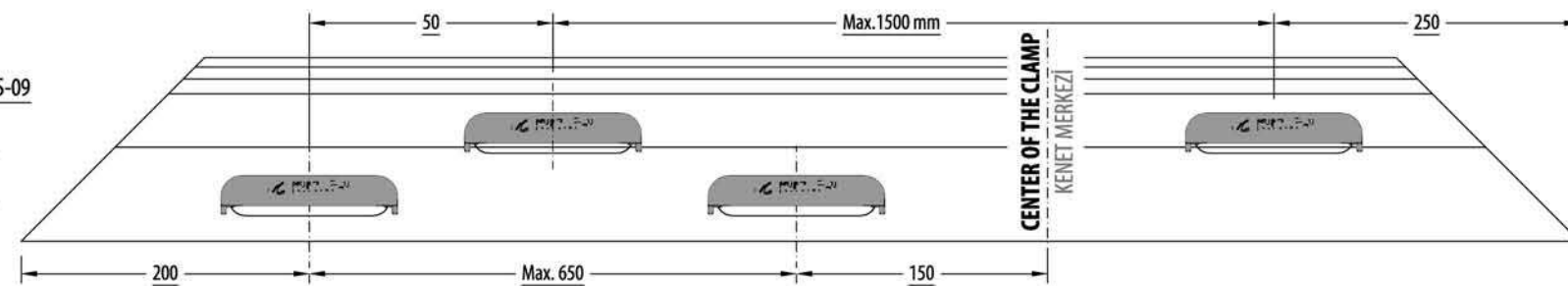
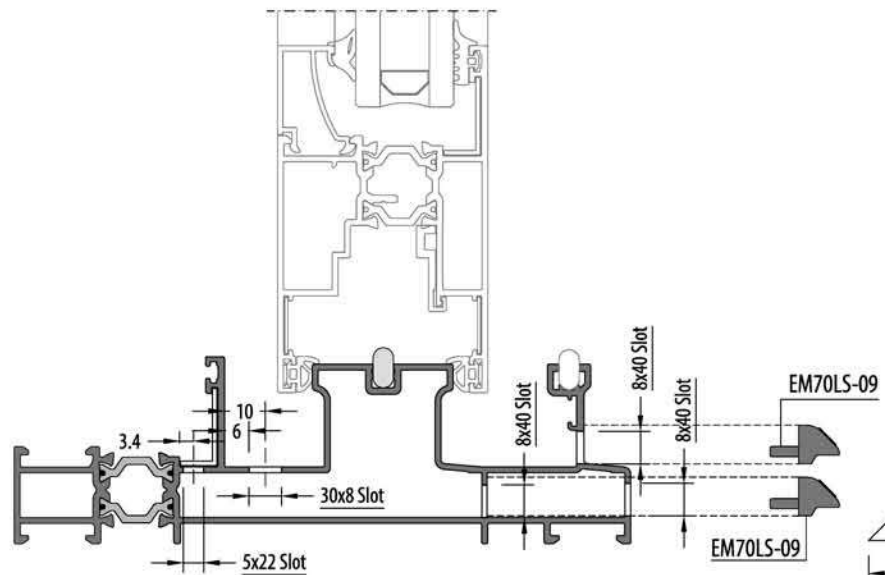
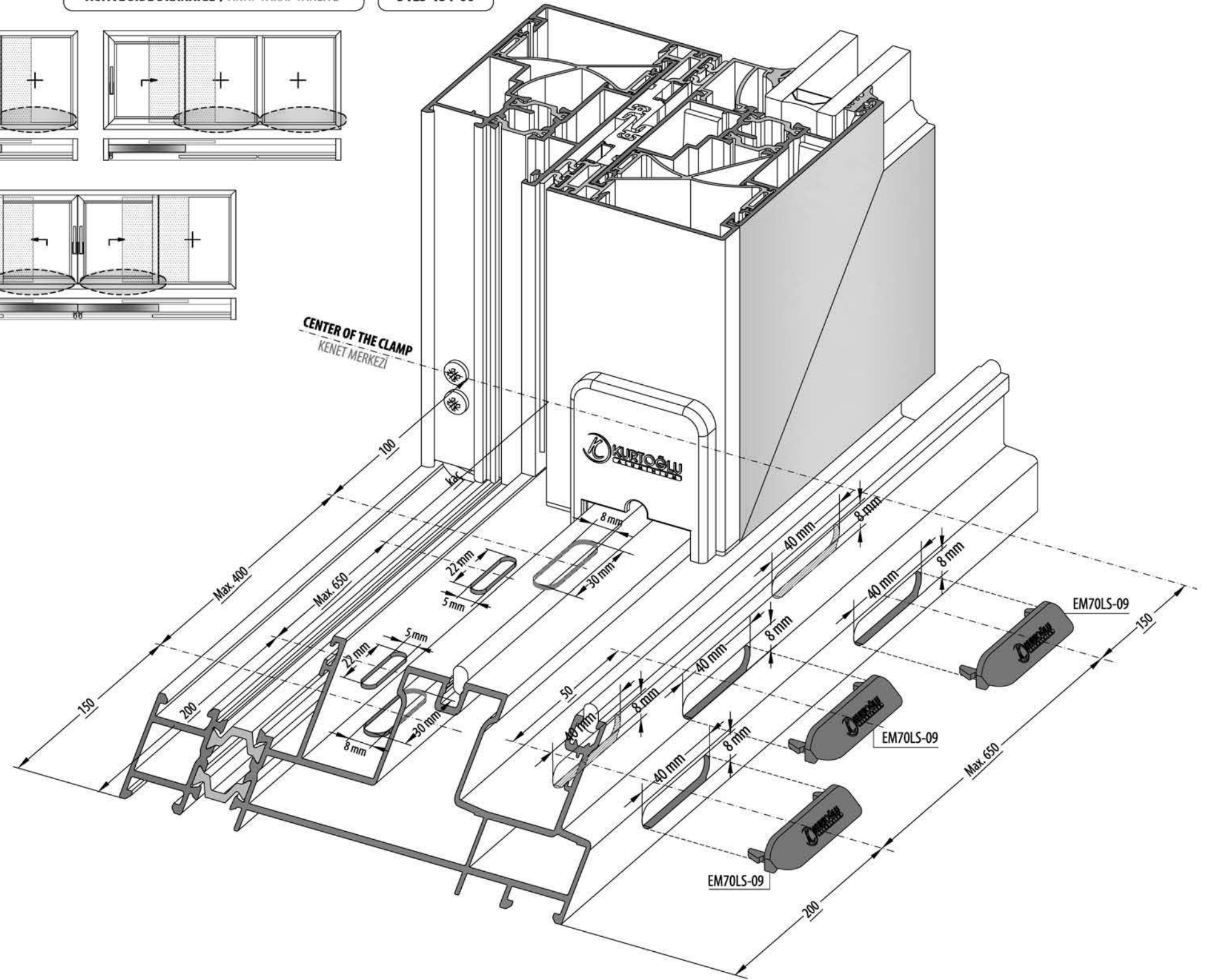
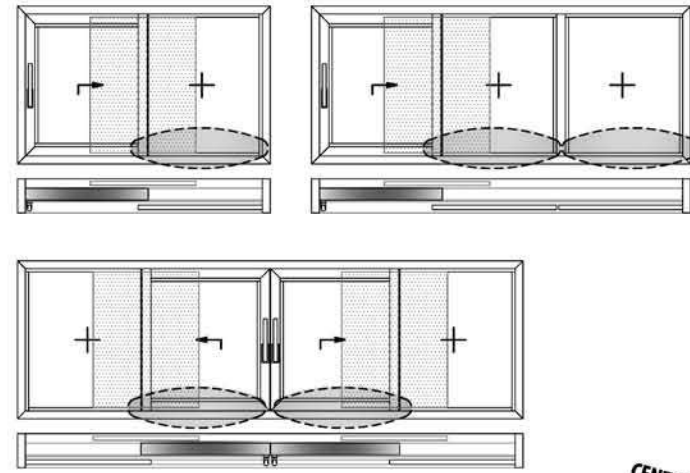
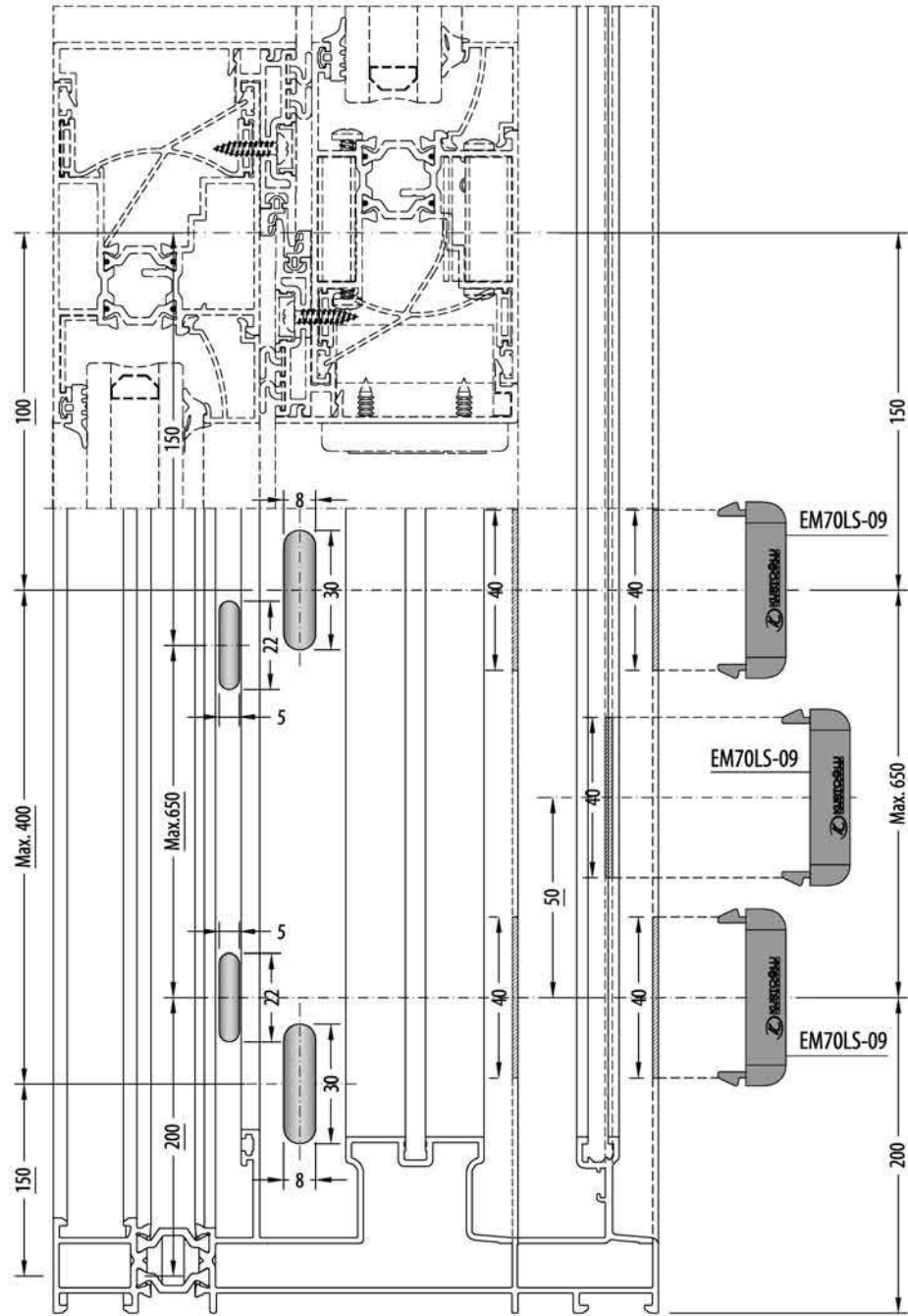
PASSIVE SIDE DRAINAGE / PASİF TARAF TAHLİYE

51LS-151-00



ACTIVE SIDE DRAINAGE / AKTİF TARAF TAHLİYE

51LS-151-00



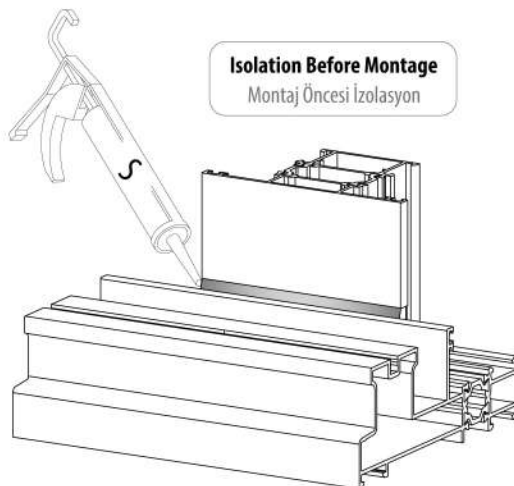
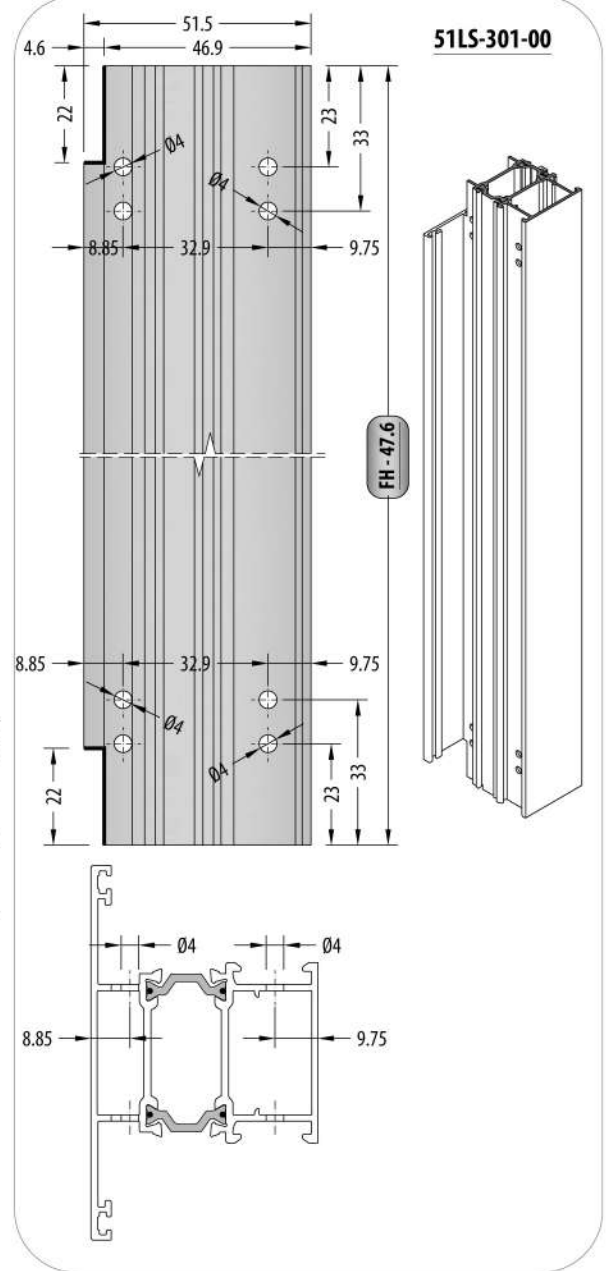
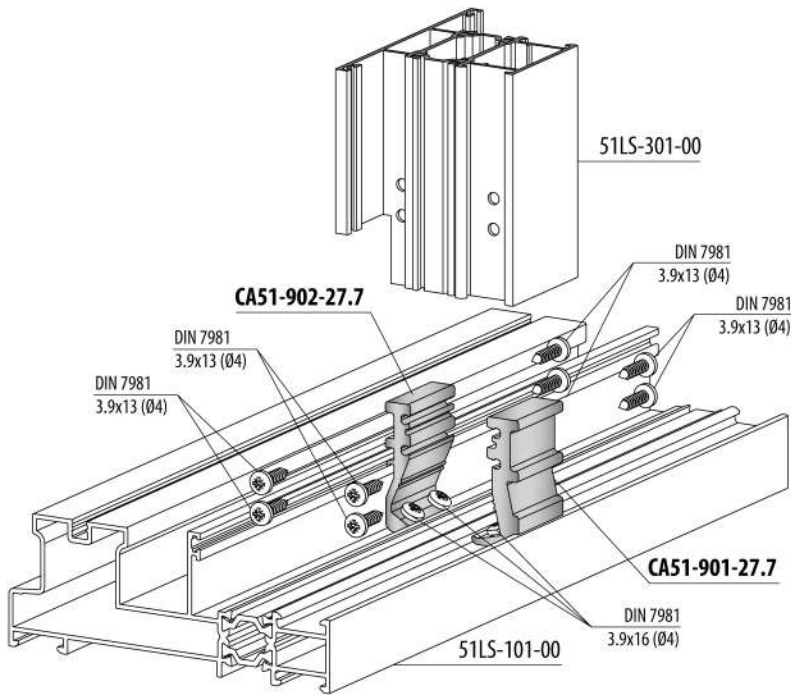
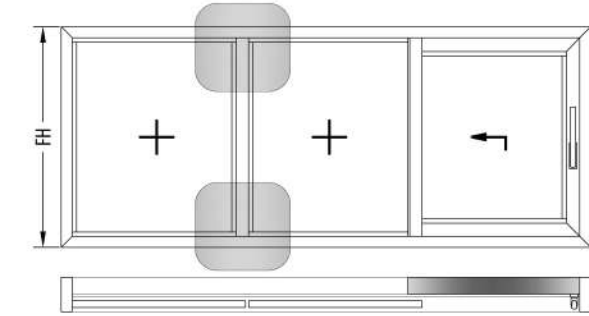
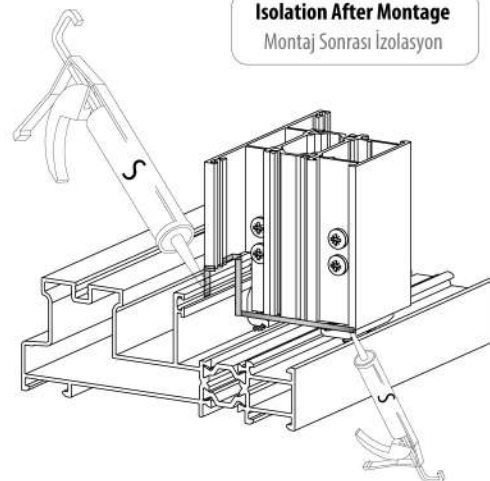
MULLION PROFILE ASSEMBLY / ORTA KAYIT PROFİL MONTAJI

51LS-301-00

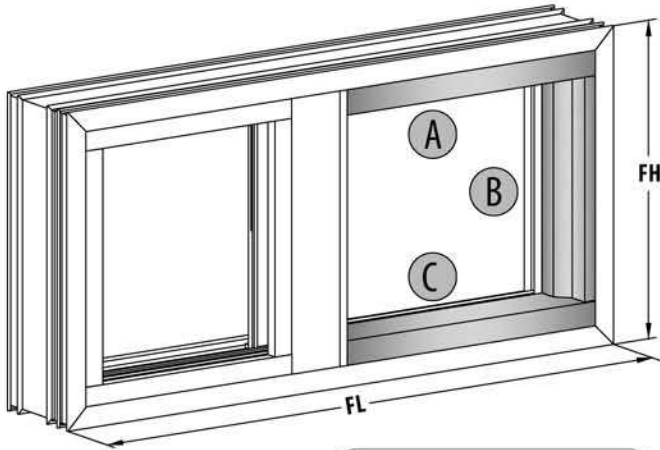
A

NOTCH / KERTME

51LS-301-00

Isolation Before Montage
Montaj Öncesi İzolasyonIsolation After Montage
Montaj Sonrası İzolasyon

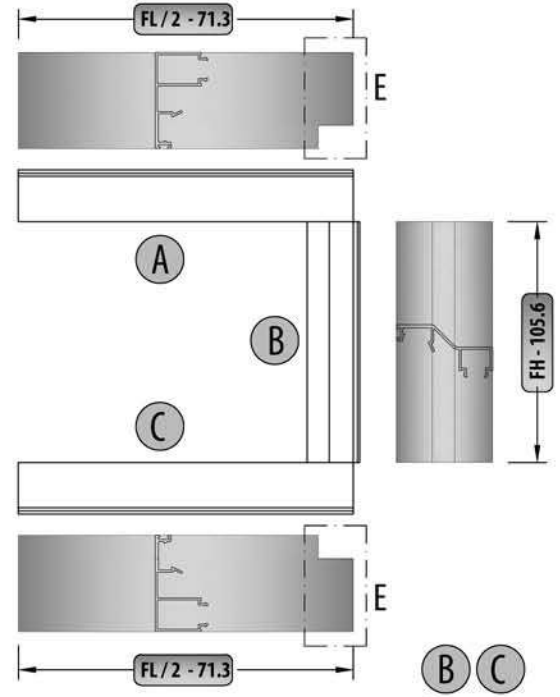
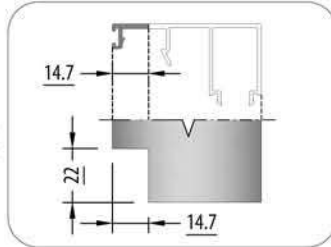
CAP PROFILE ASSEMBLY / KAPAK PROFİL MONTAJI



E
NOCH / KERTME

A B

CORNER DETAIL / KÖŞE DETAYI



B C
CORNER DETAIL / KÖŞE DETAYI

51LS-101-00

EM70LS-05

51LS-401-00

51LS-413-00

51LS-413-00

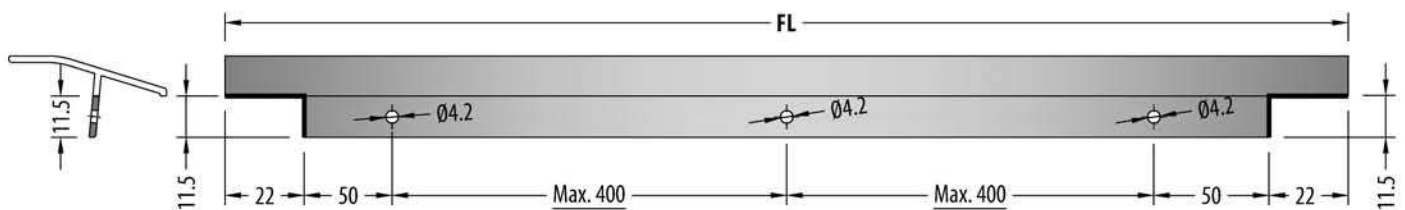
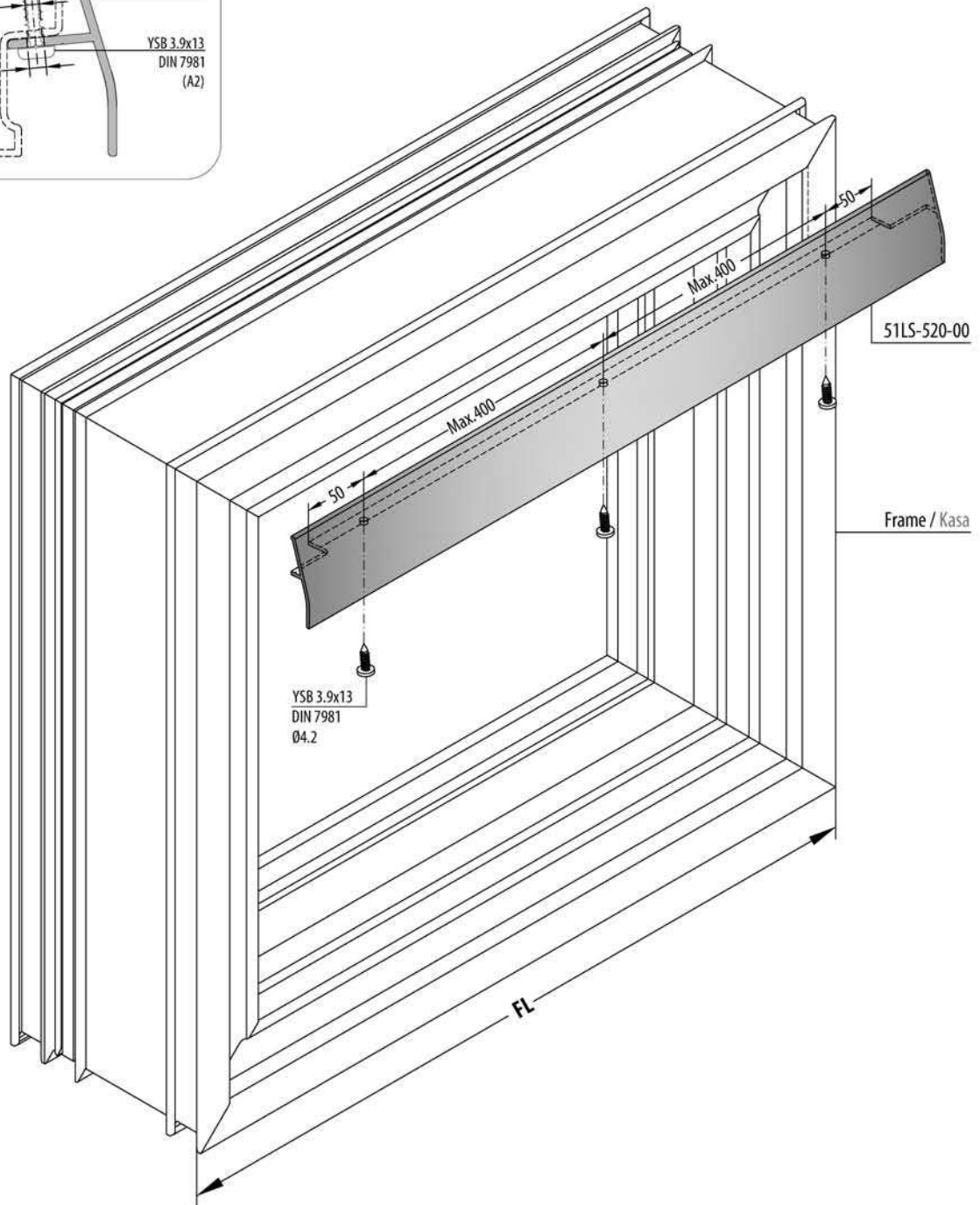
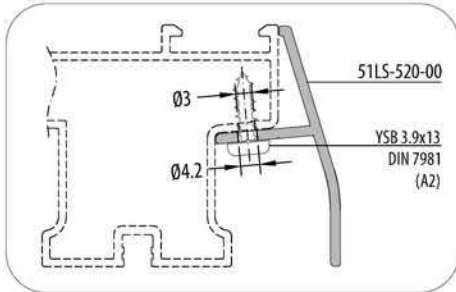
51LS-401-00

EM70LS-05

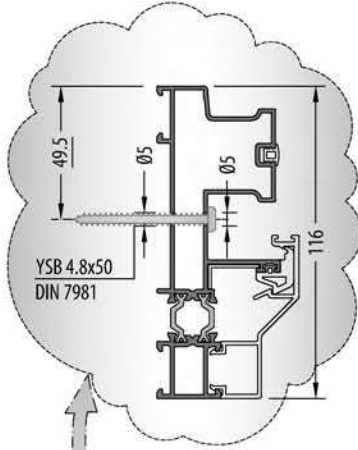
51LS-101-00

EM70LS-05

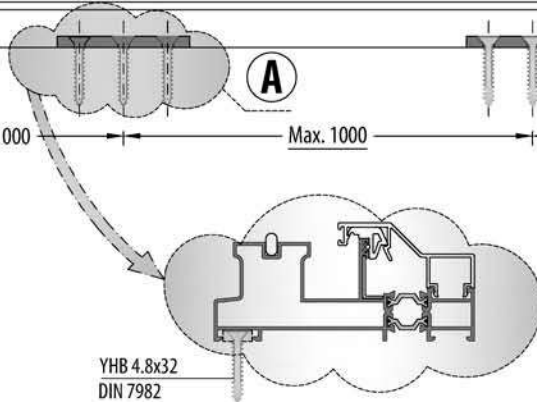
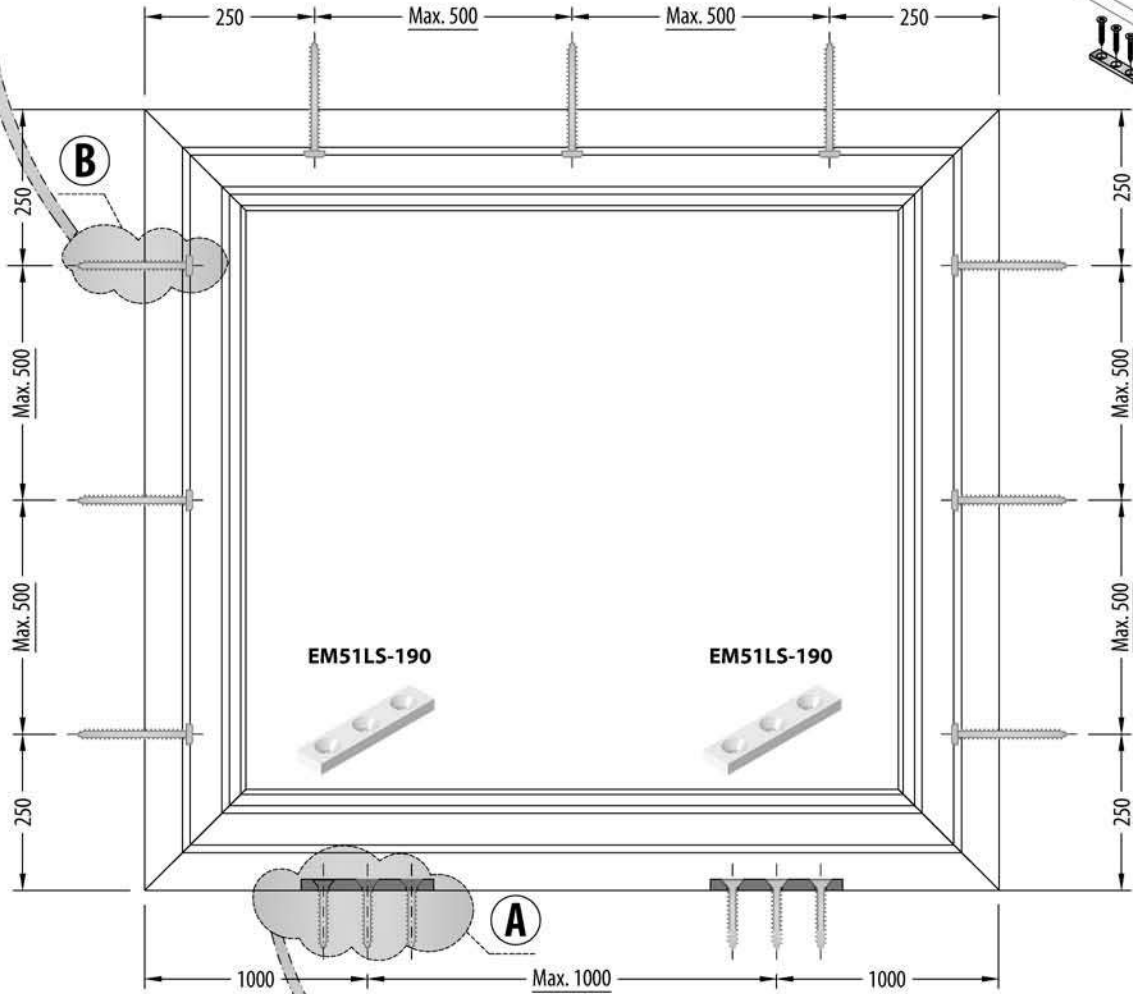
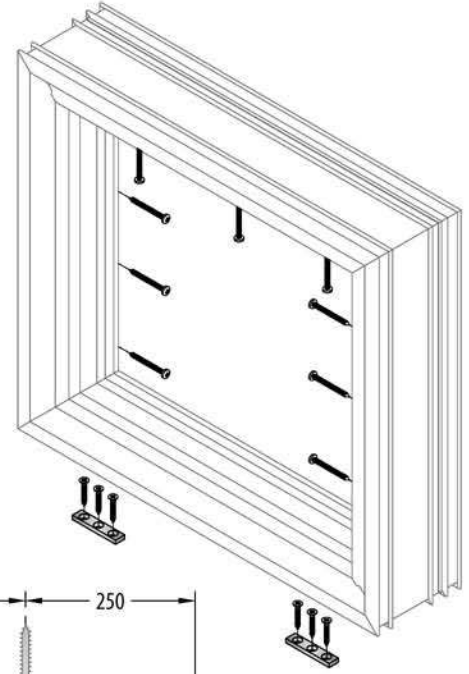
DROPPER ASSEMBLY / DAMLALIK MONTAJI



FRAME ASSEMBLY SCREW APPLICATION
KASA MONTAJ VİDA UYGULAMASI



B
DETAIL
DETAYI



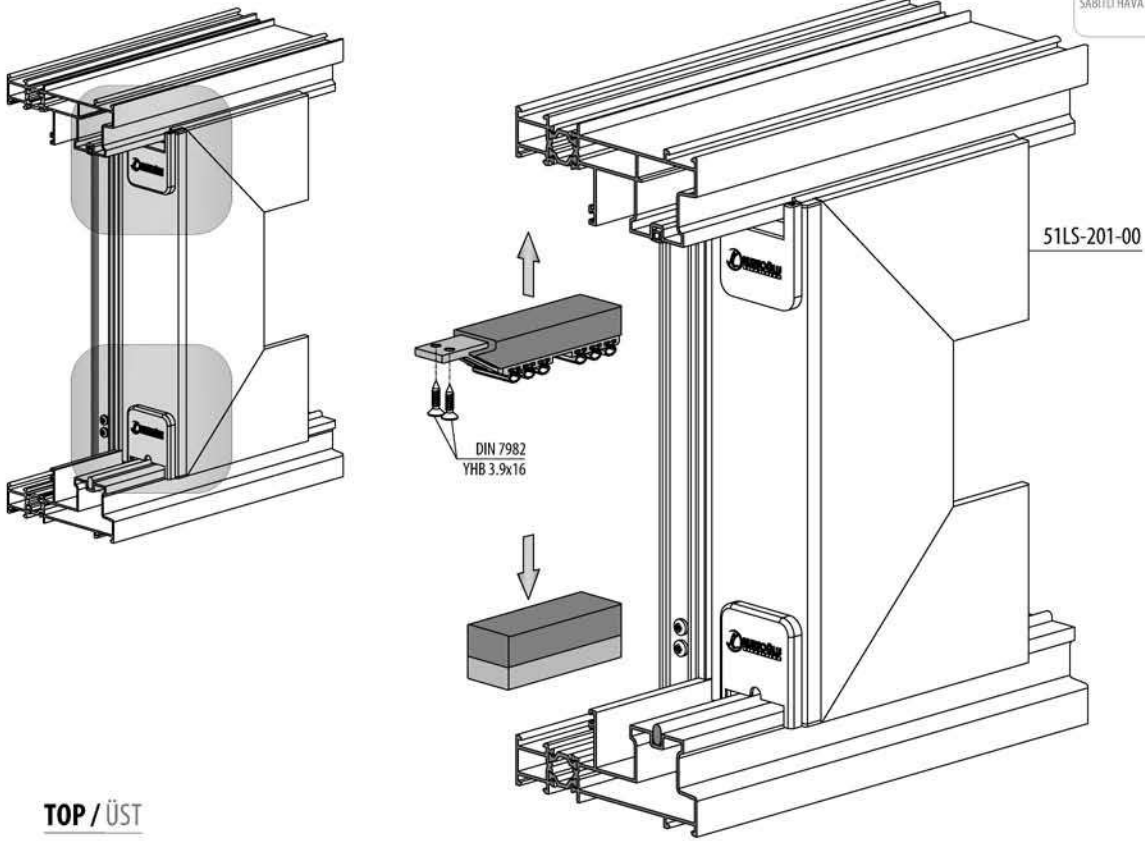
A
DETAIL
DETAYI

EM51LS-190
FRAME MONTAGE
WEDGE
KASA MONTAJ TAKOZU

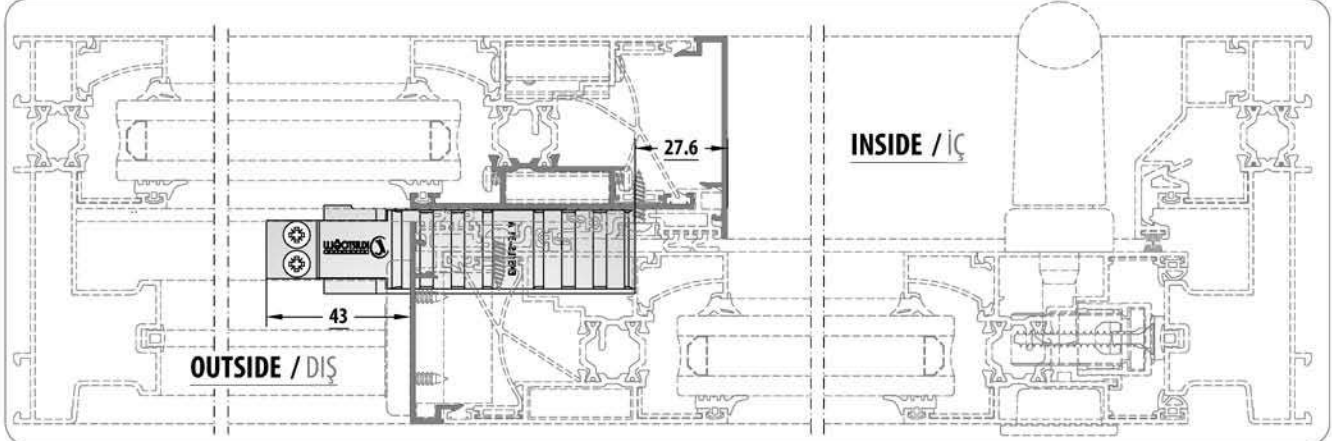


WEATHER STRIP MONTAGE / HAVA KESİCİ MONTAJI

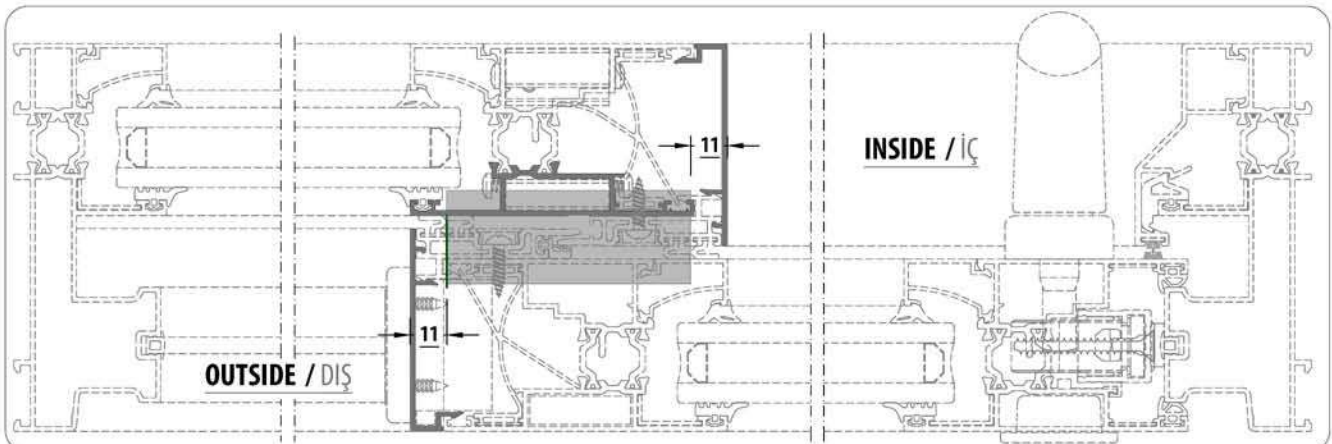
EMS1LS-31
FIXED WEATHER
STRIP SET
SABİTLİ HAVA KESİCİ TAKIMI



TOP / ÜST



BOTTOM / ALT



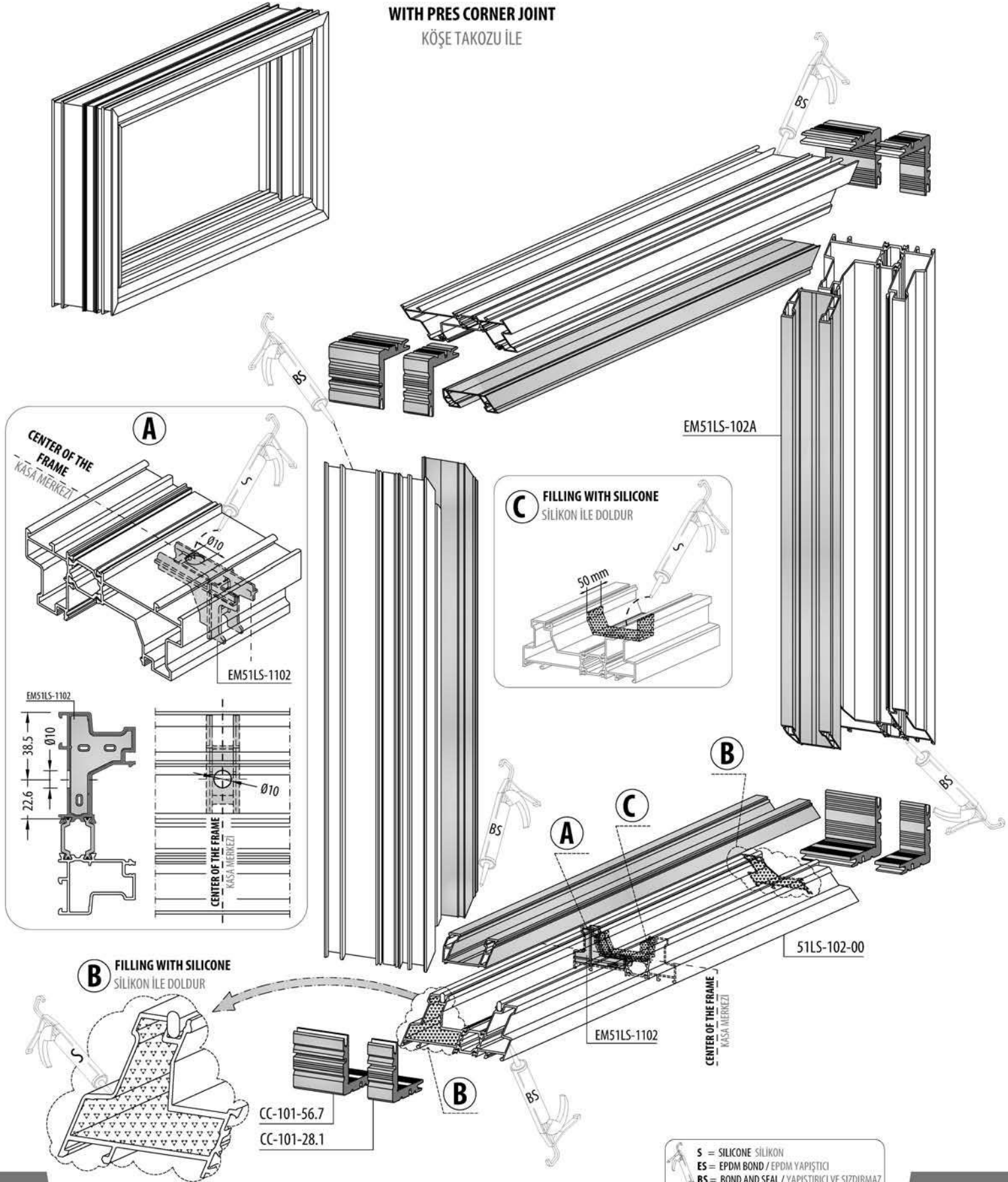
MONTAGE DIMENSION / MONTAJ ÖLÇÜLERİ

FRAME ASSEMBLY / KASA UYGULAMA

51LS-102-00

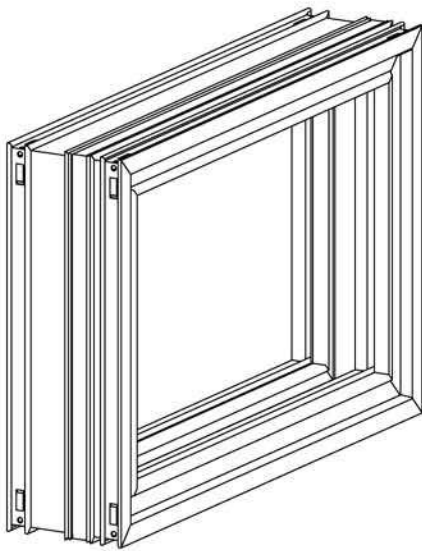
WITH PRES CORNER JOINT

KÖŞE TAKOZU İLE

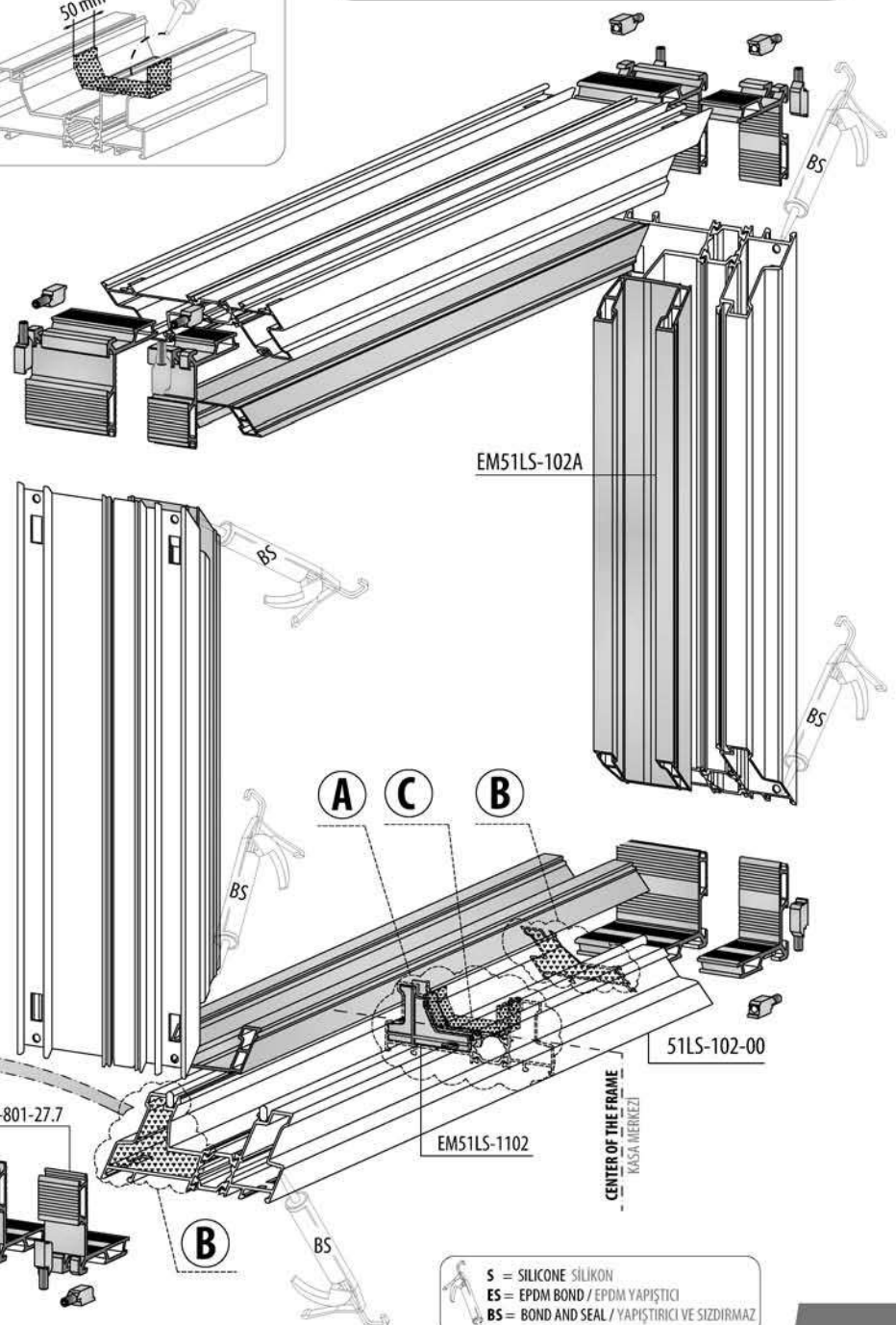
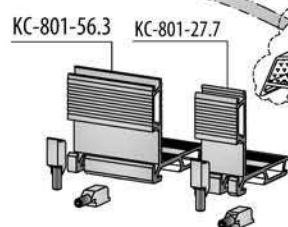
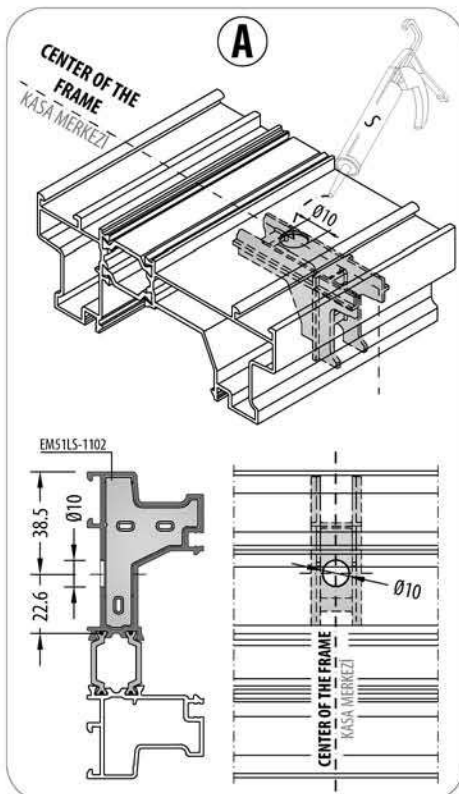
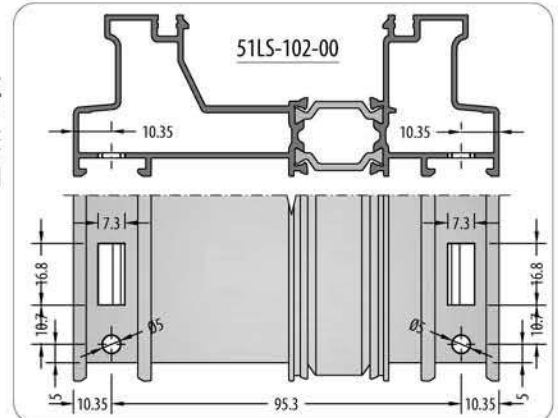
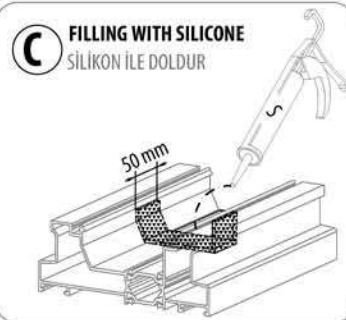


FRAME ASSEMBLY / KASA UYGULAMA

51LS-102-00



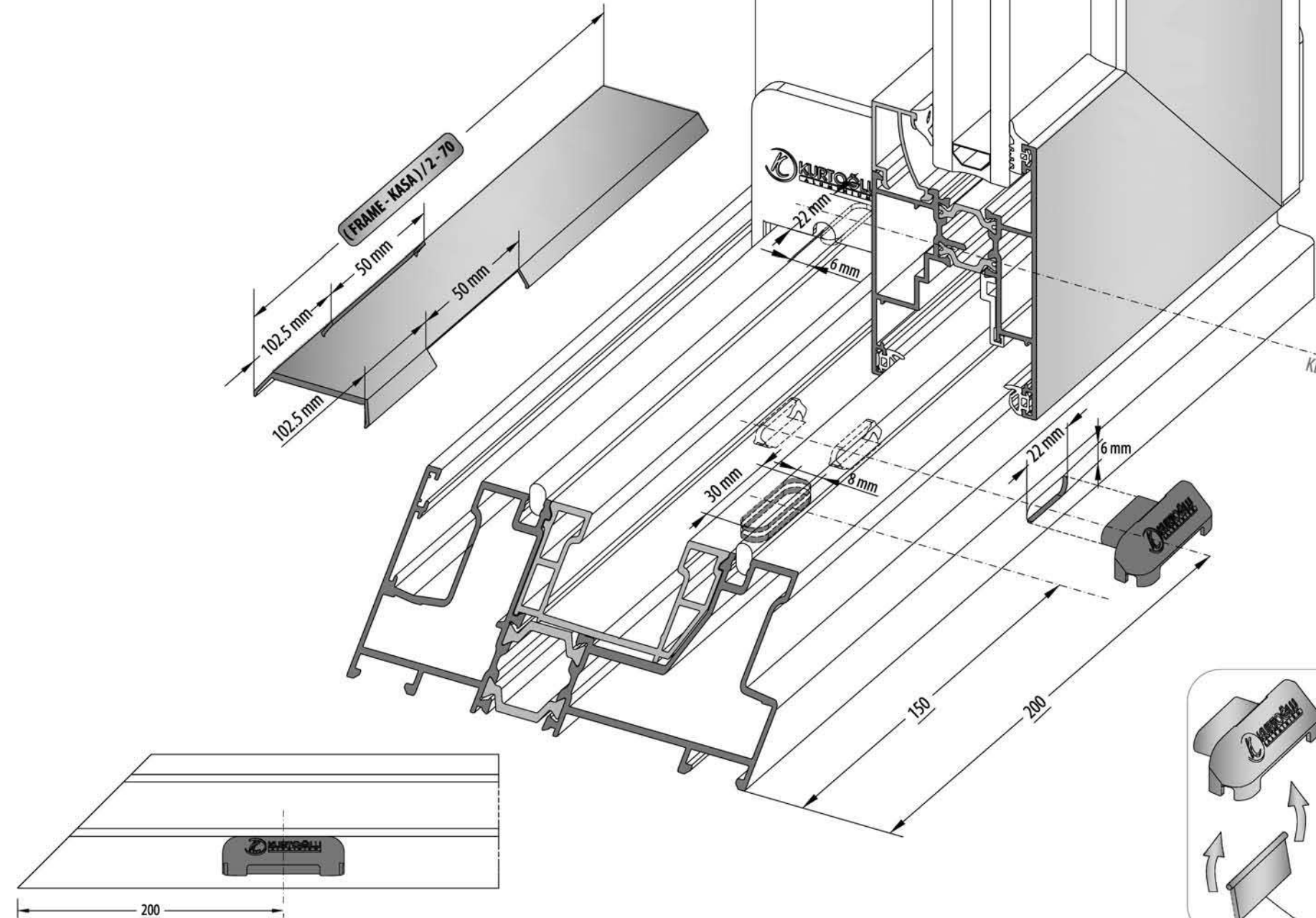
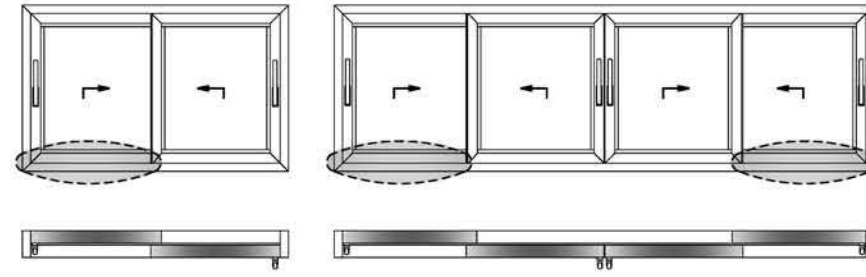
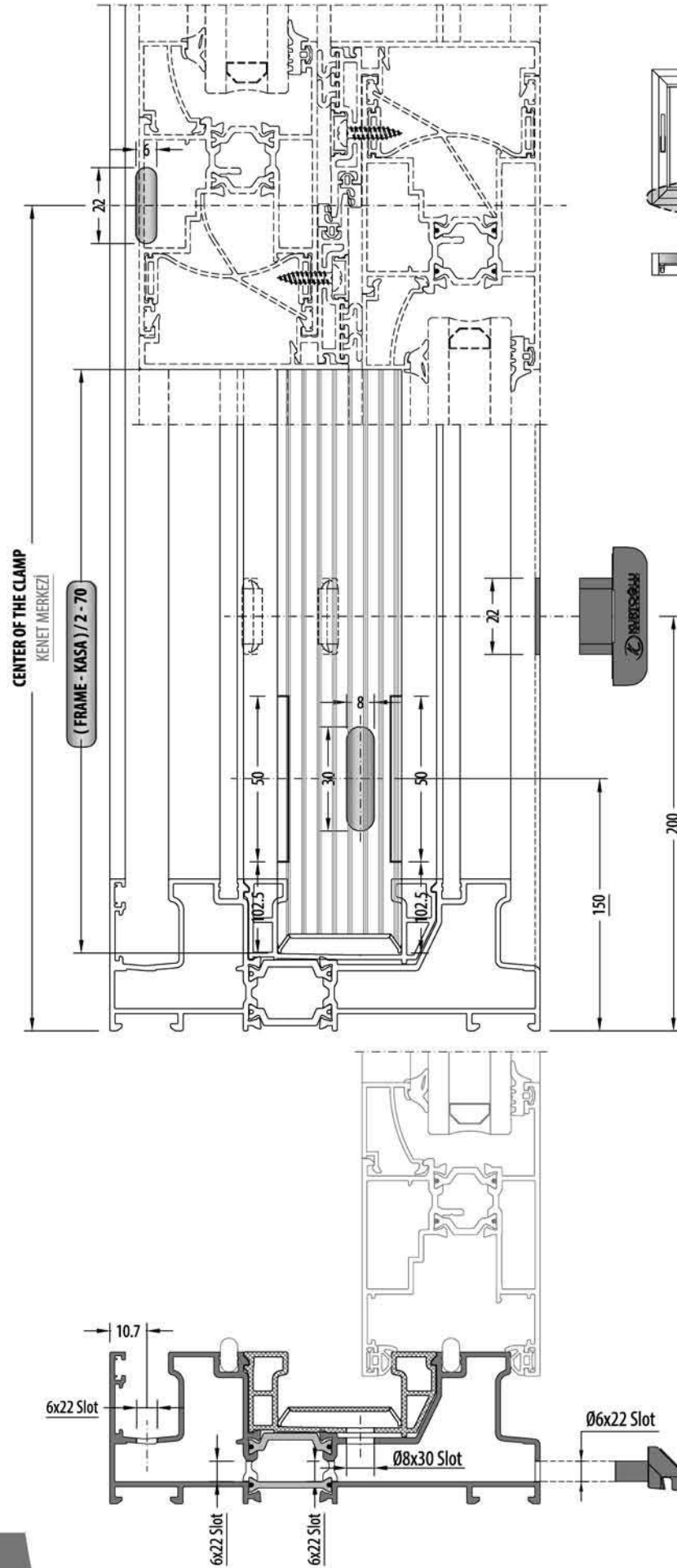
**WITH MECHANICAL
CORNER JOINT**
MEKANİK KÖŞE
BAĞLANTI



S = SILICONE / SİLİKON
ES = EPDM BOND / EPDM YAPIŞTIRICI
BS = BOND AND SEAL / YAPIŞTIRICI VE SIZDIRMAZ

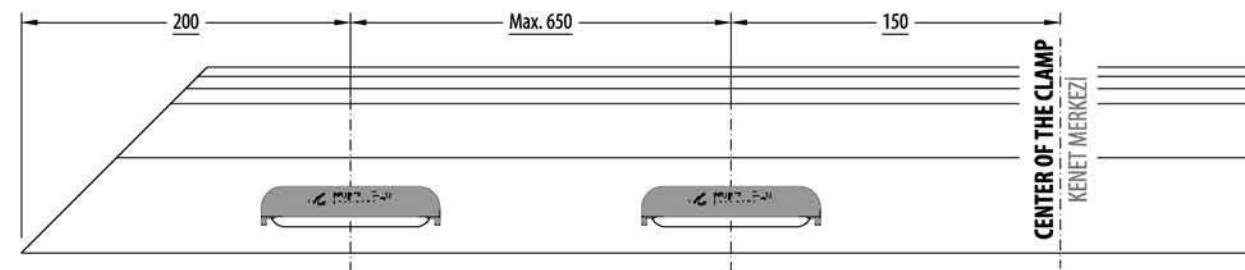
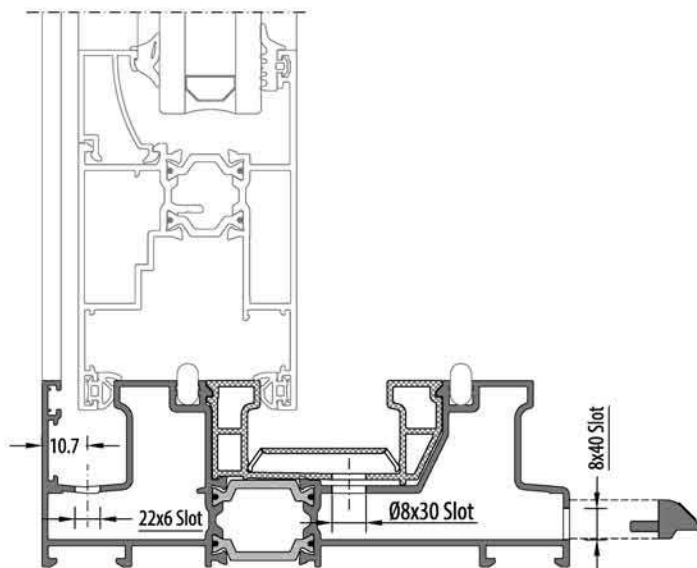
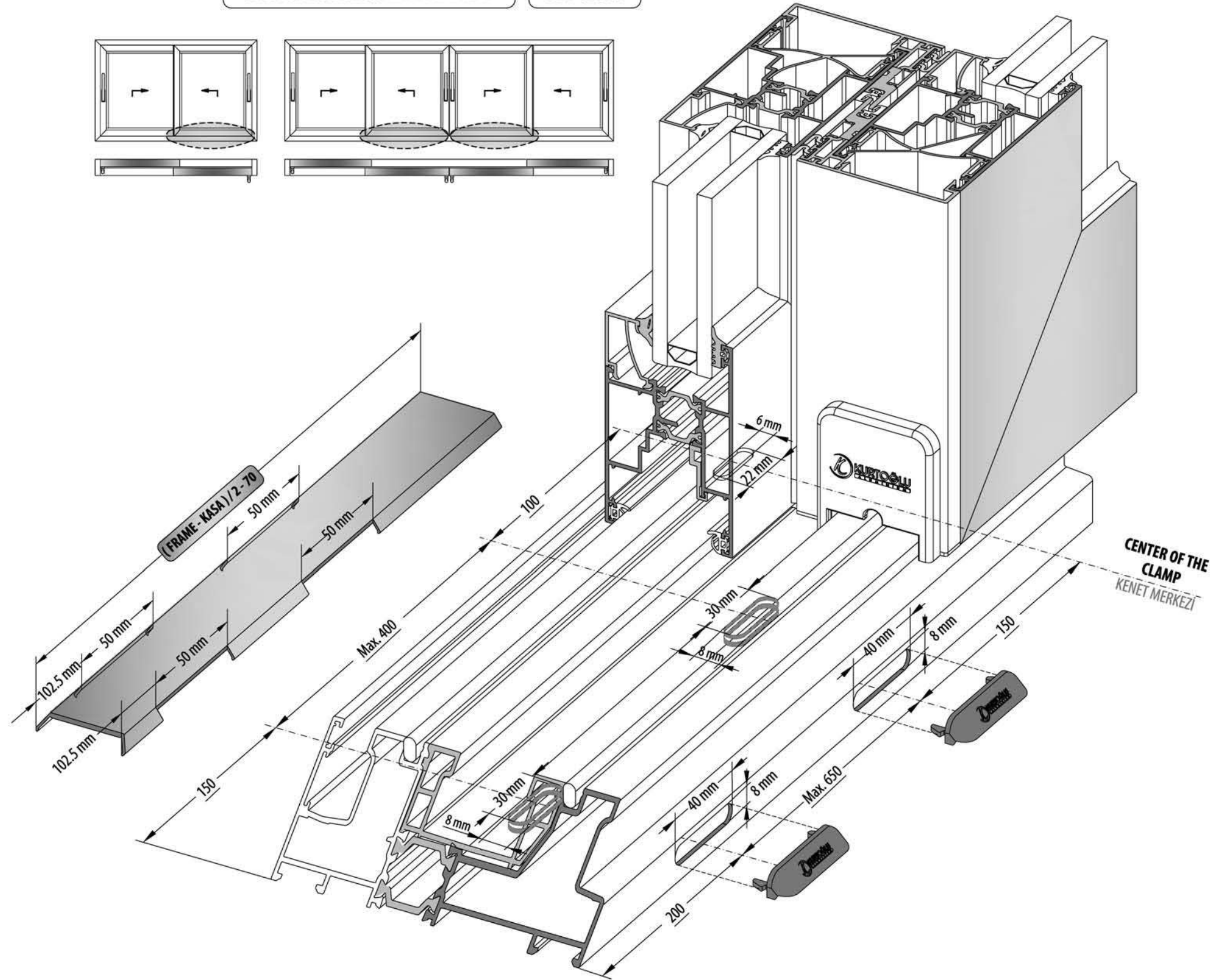
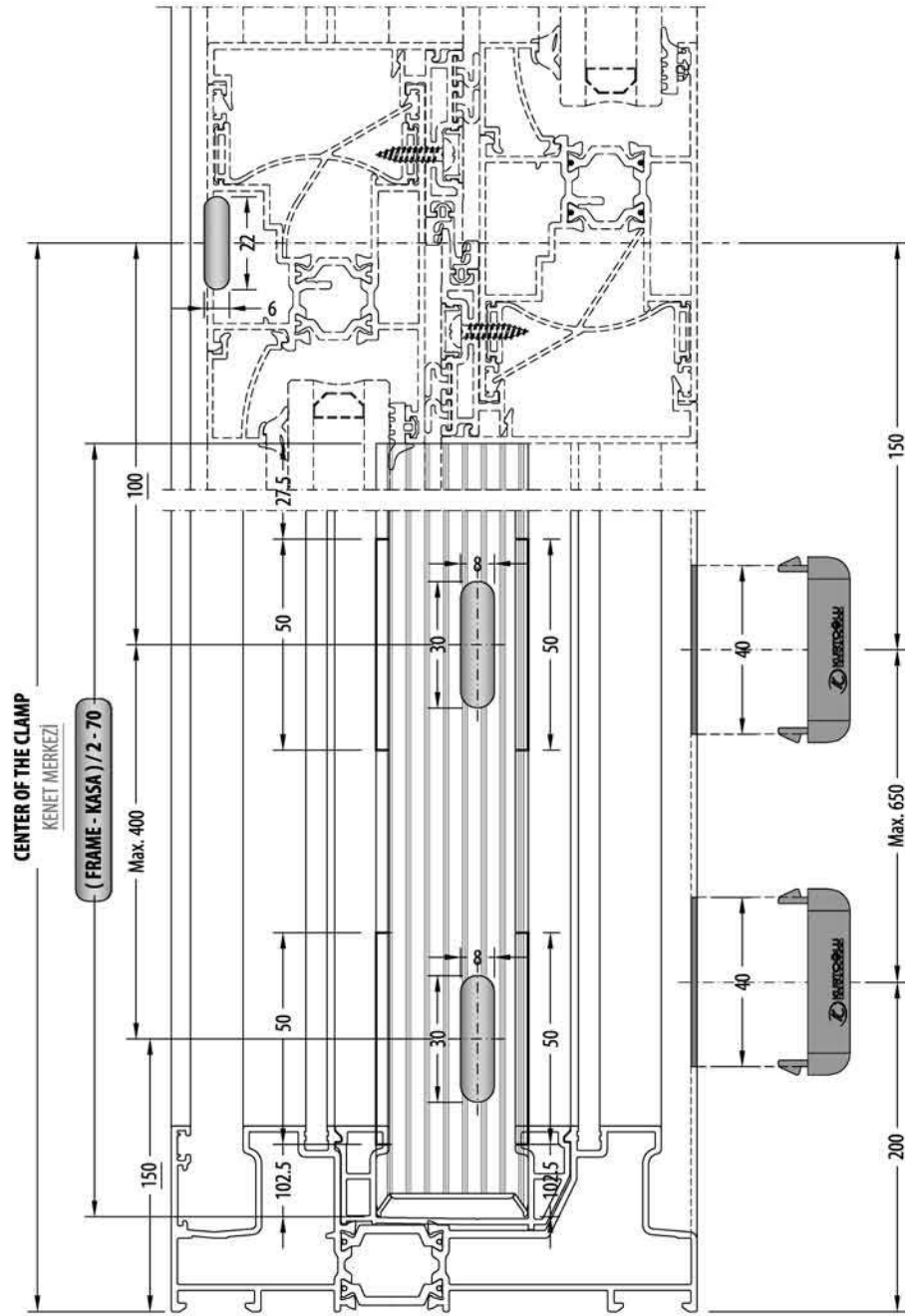
PASSIVE SIDE DRAINAGE / PASİF TARAF TAHLİYE

51LS-112-00



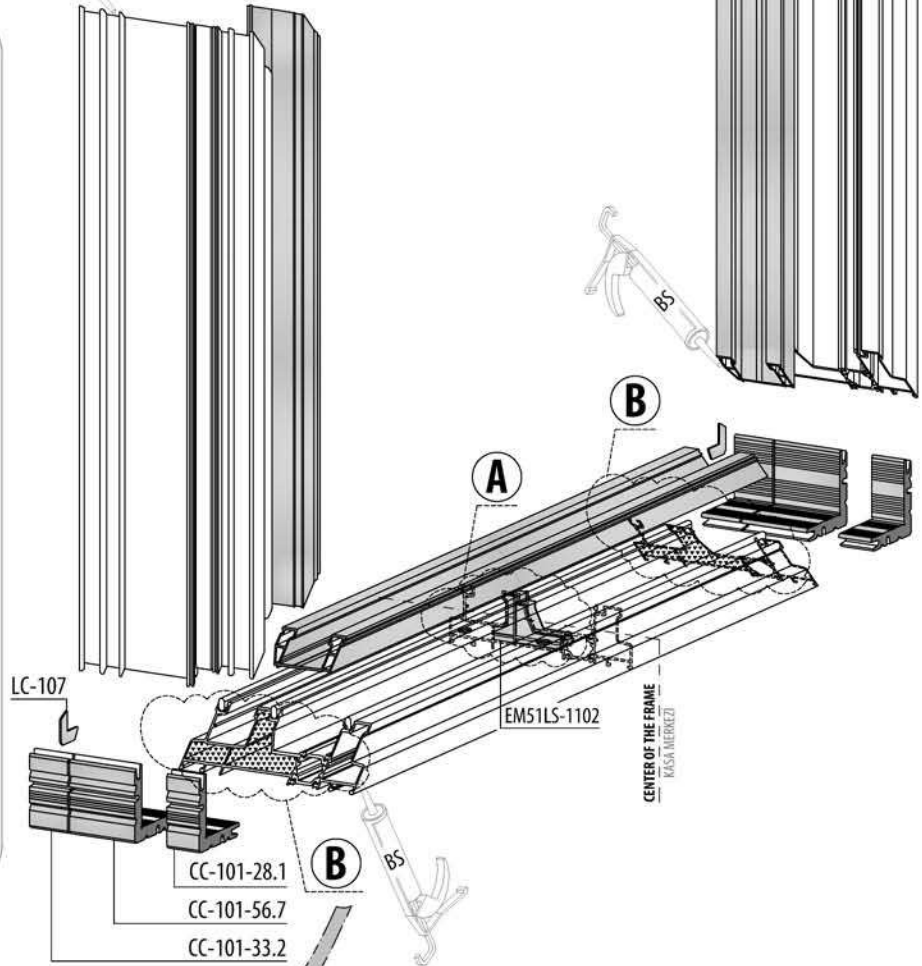
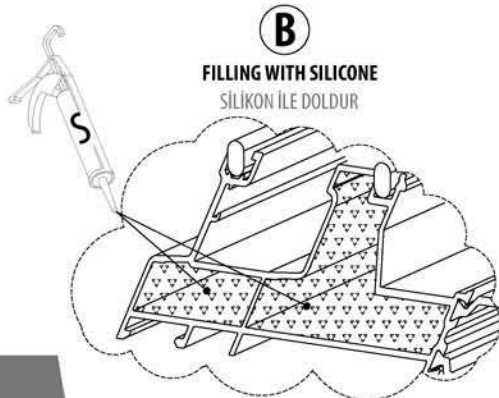
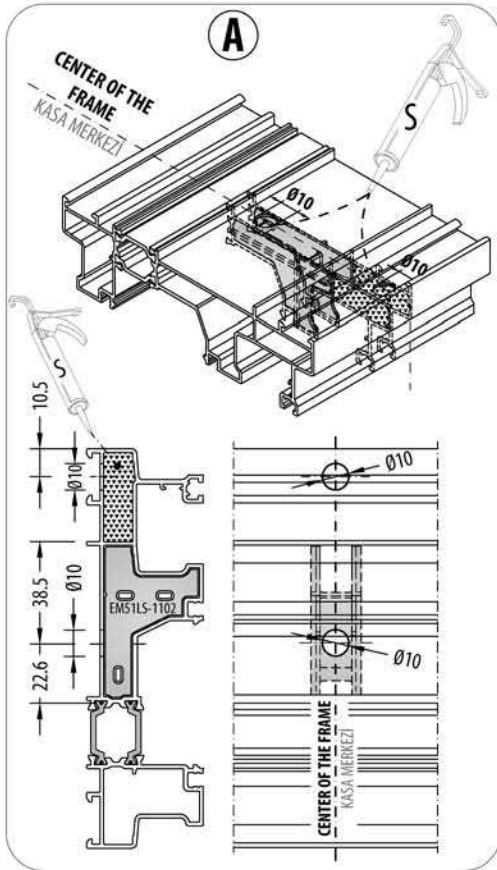
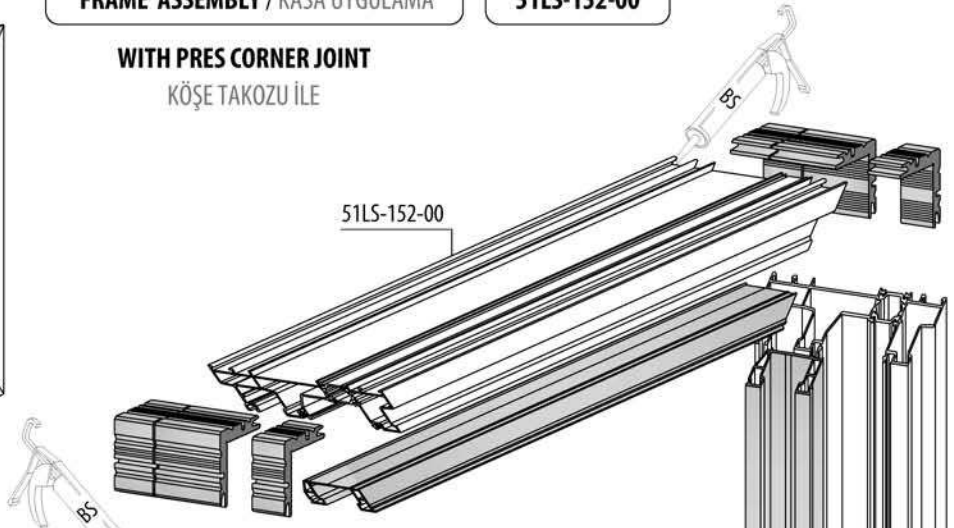
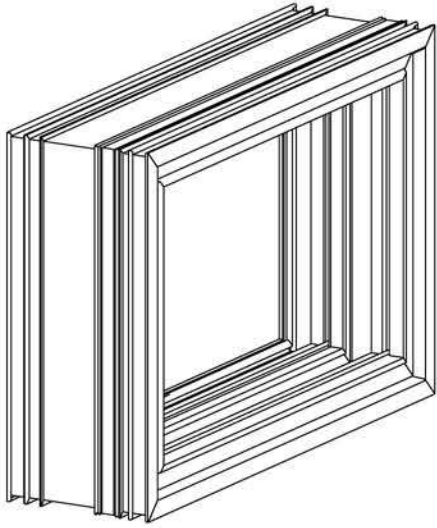
ACTIVE SIDE DRAINAGE / AKTİF TARAF TAHLİYE

51LS-112-00



FRAME ASSEMBLY / KASA UYGULAMA

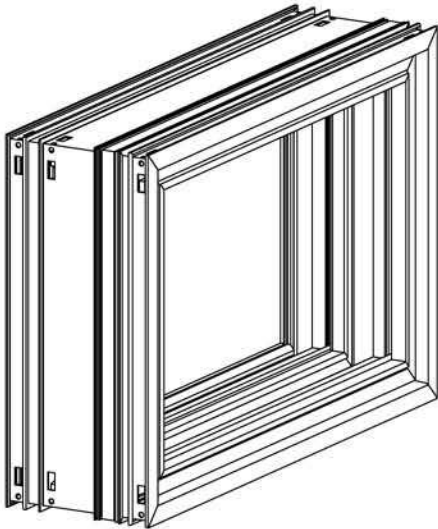
51LS-152-00

WITH PRES CORNER JOINT
KÖŞE TAKOZU İLE

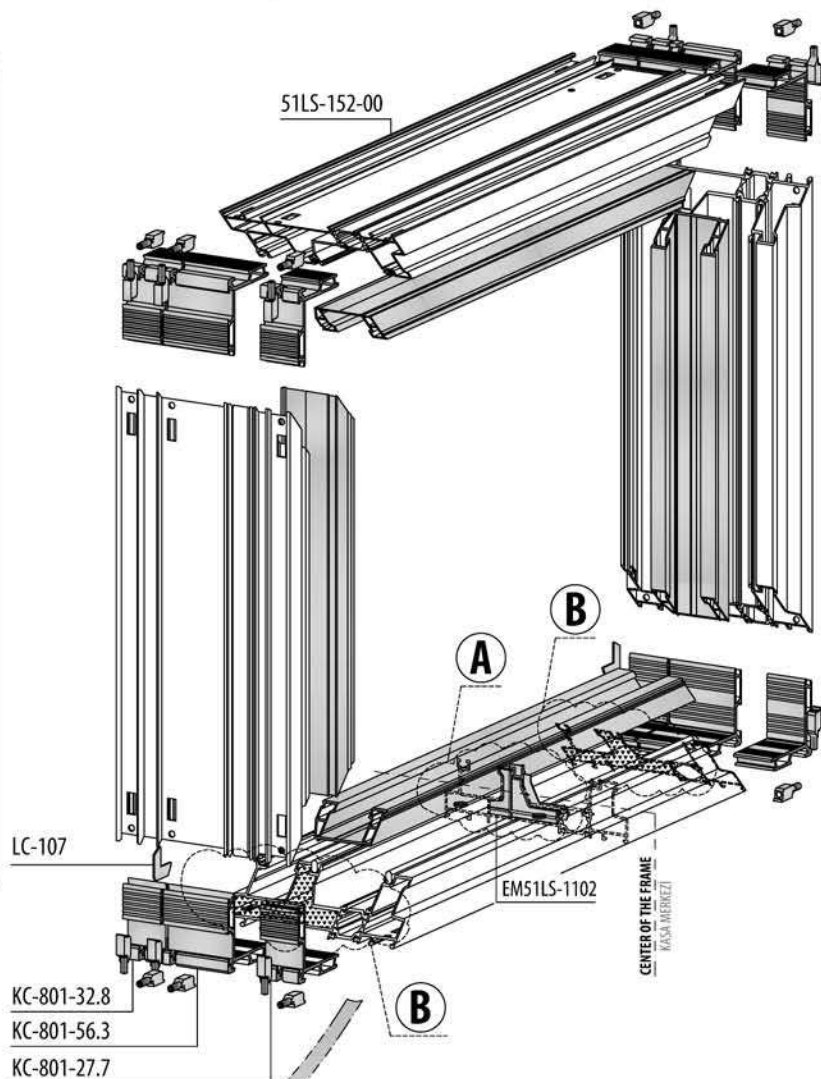
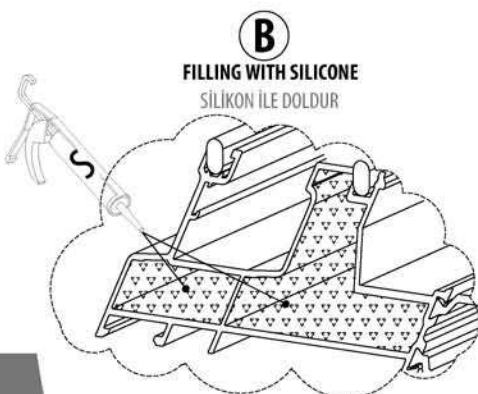
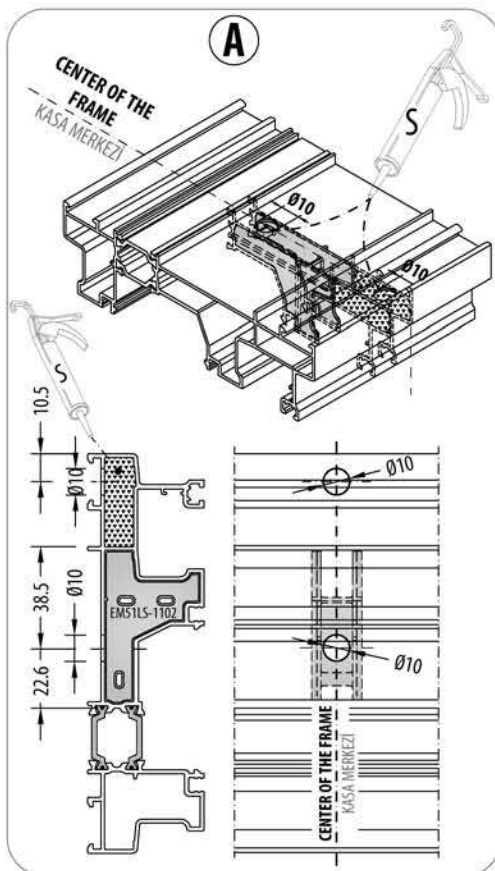
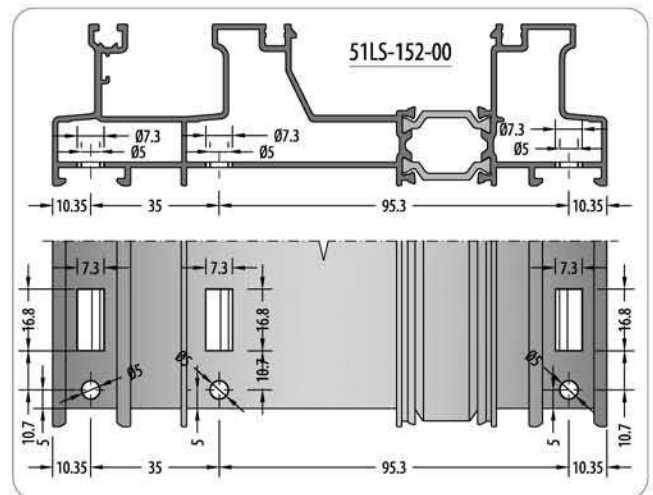
S = SILICONE SİLİKON
ES = EPDM BOND / EPDM YAPIŞTIRICI
BS = BOND AND SEAL / YAPIŞTIRICI VE SIZDIRMAZ

FRAME ASSEMBLY / KASA UYGULAMA

51LS-152-00



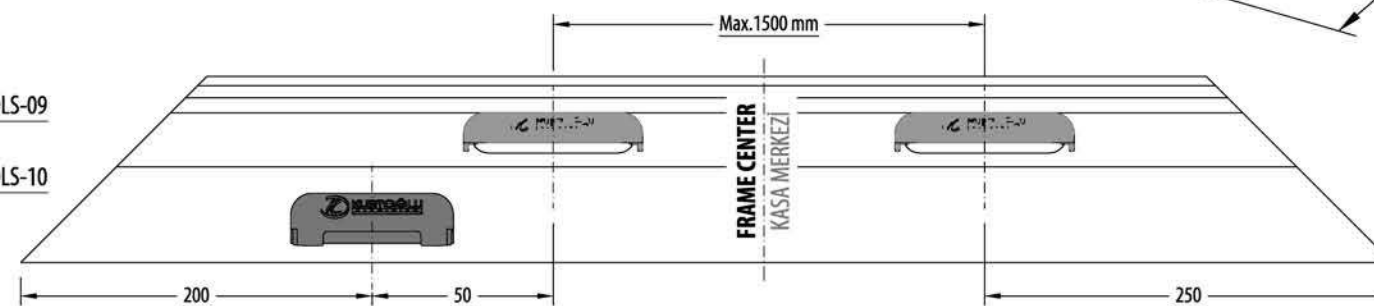
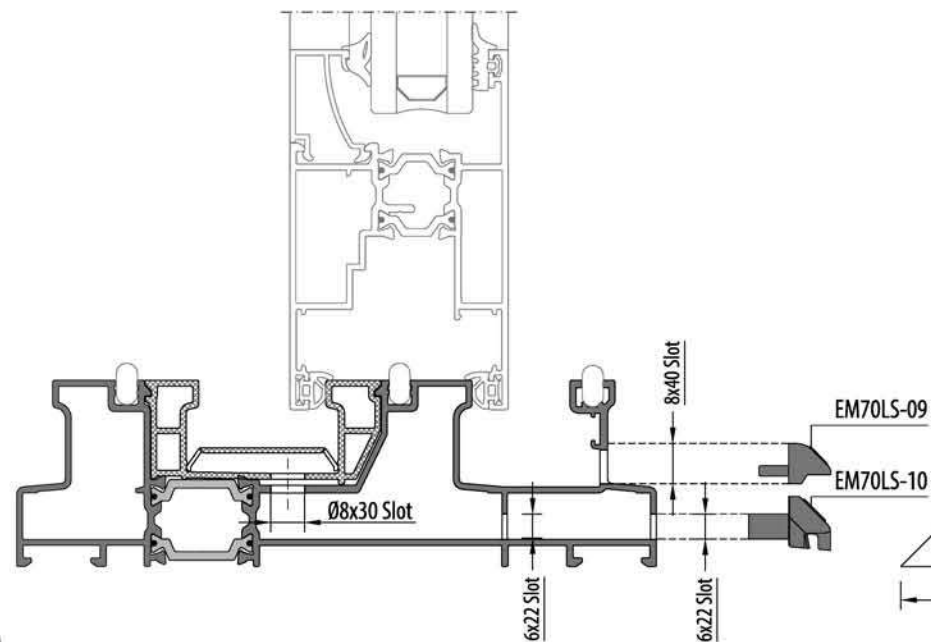
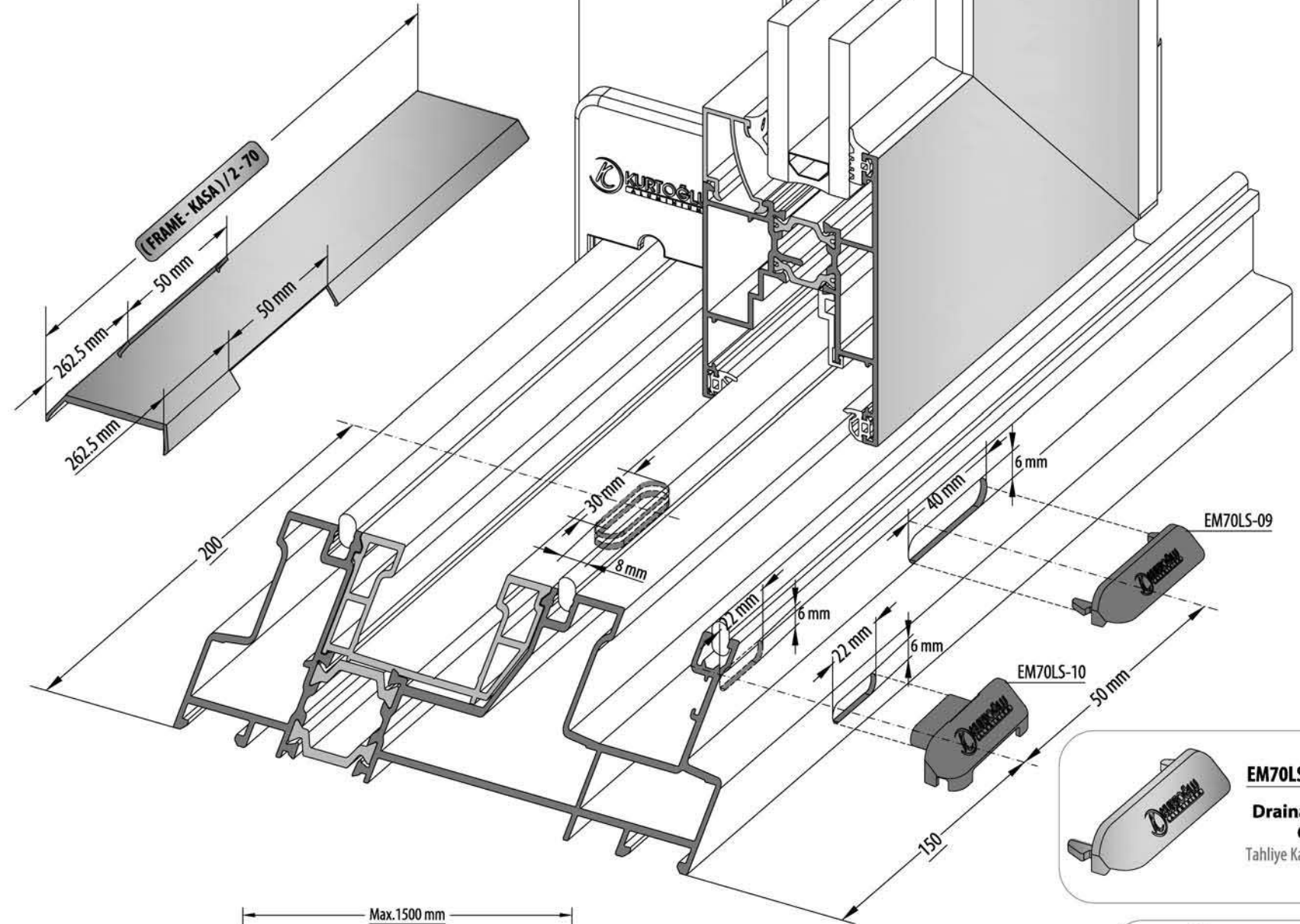
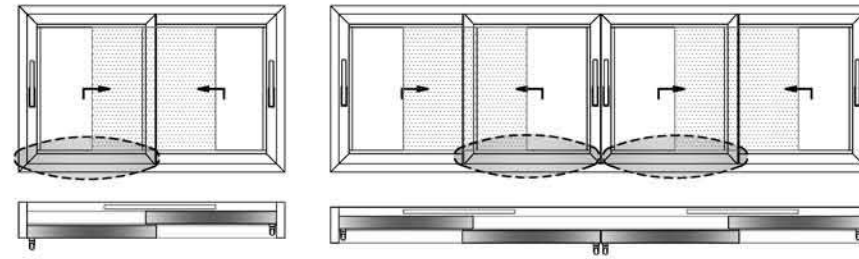
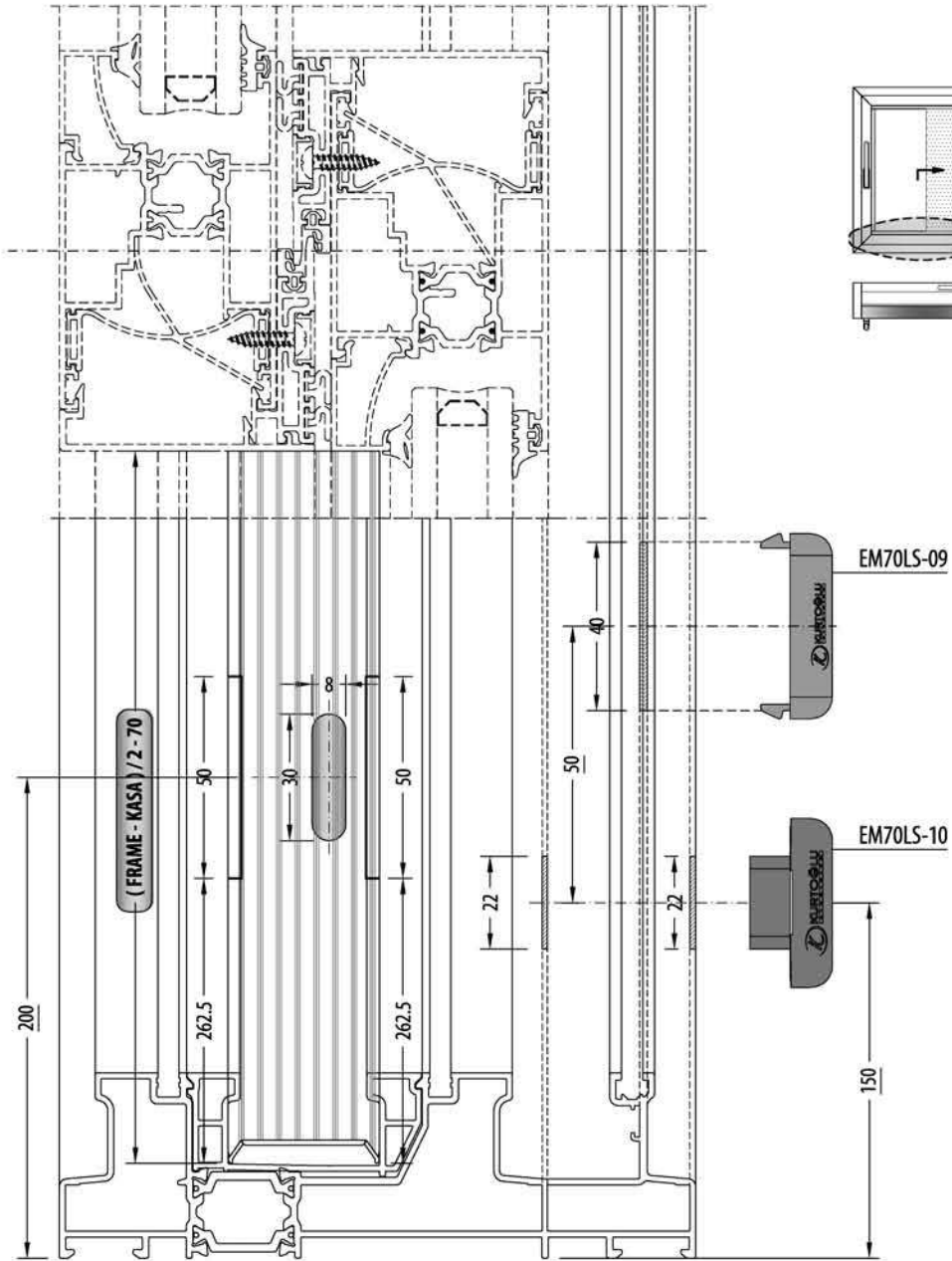
**WITH MECHANICAL
CORNER JOINT**
MEKANİK KÖŞE
BAĞLANTI



S = SILICONE /SİLİKON
ES = EPDM BOND / EPDM YAPIŞTIRICI
BS = BOND AND SEAL /YAPIŞTIRICI VE SIZDIRMAZ

PASSIVE SIDE DRAINAGE / PASİF TARAF TAHLİYE

51LS-152-00

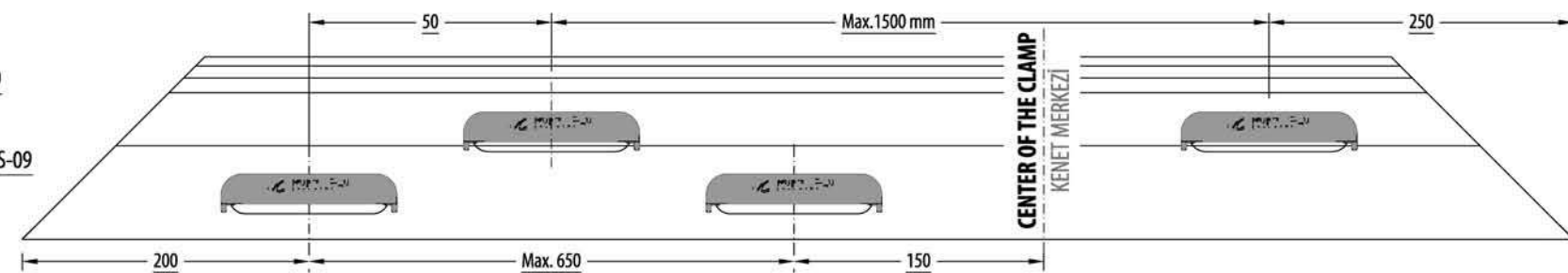
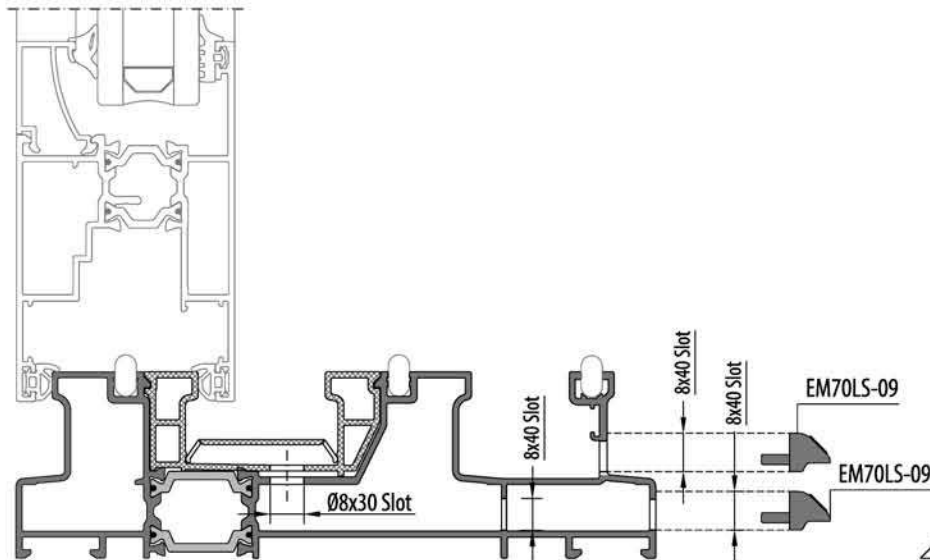
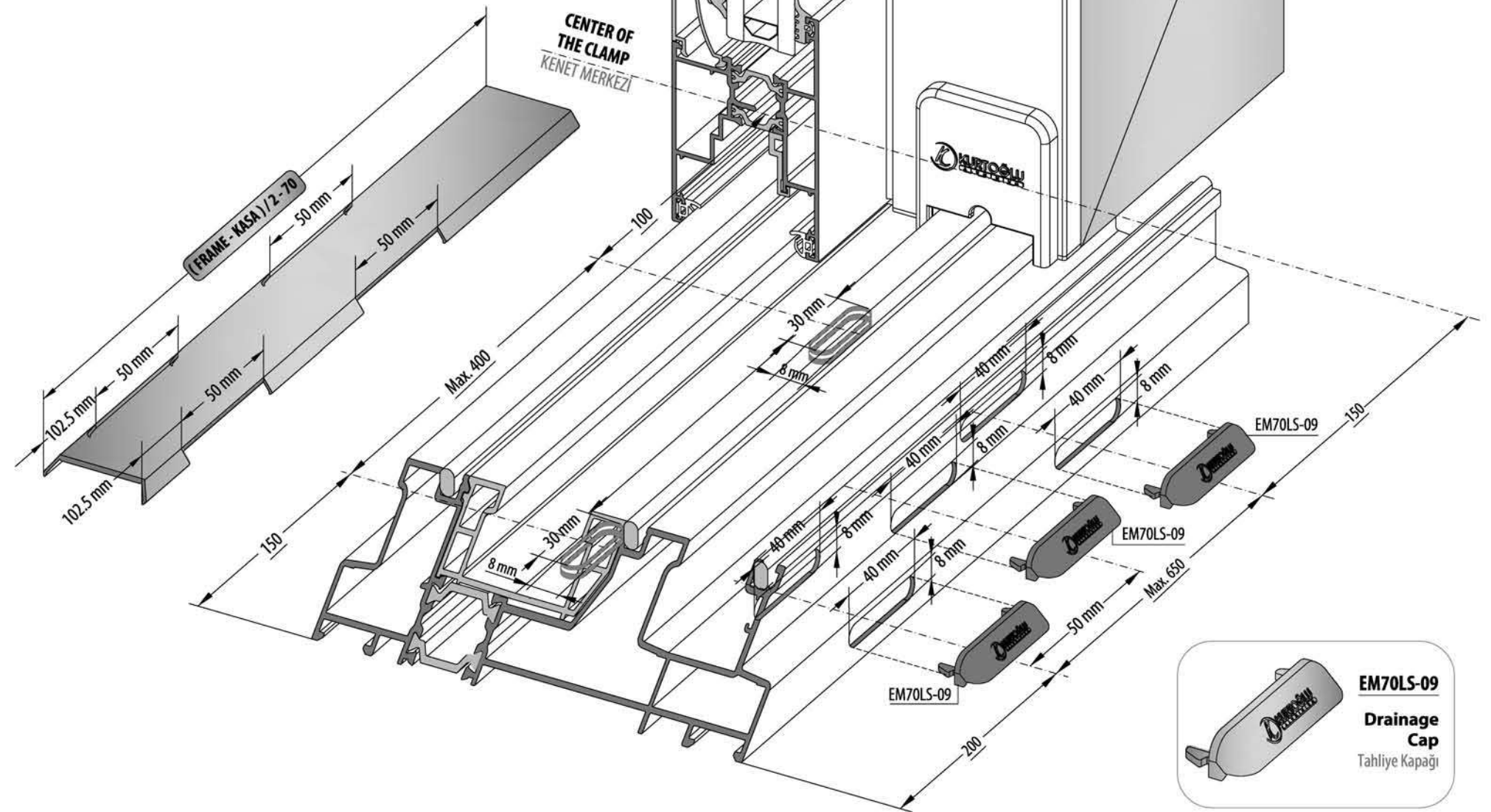
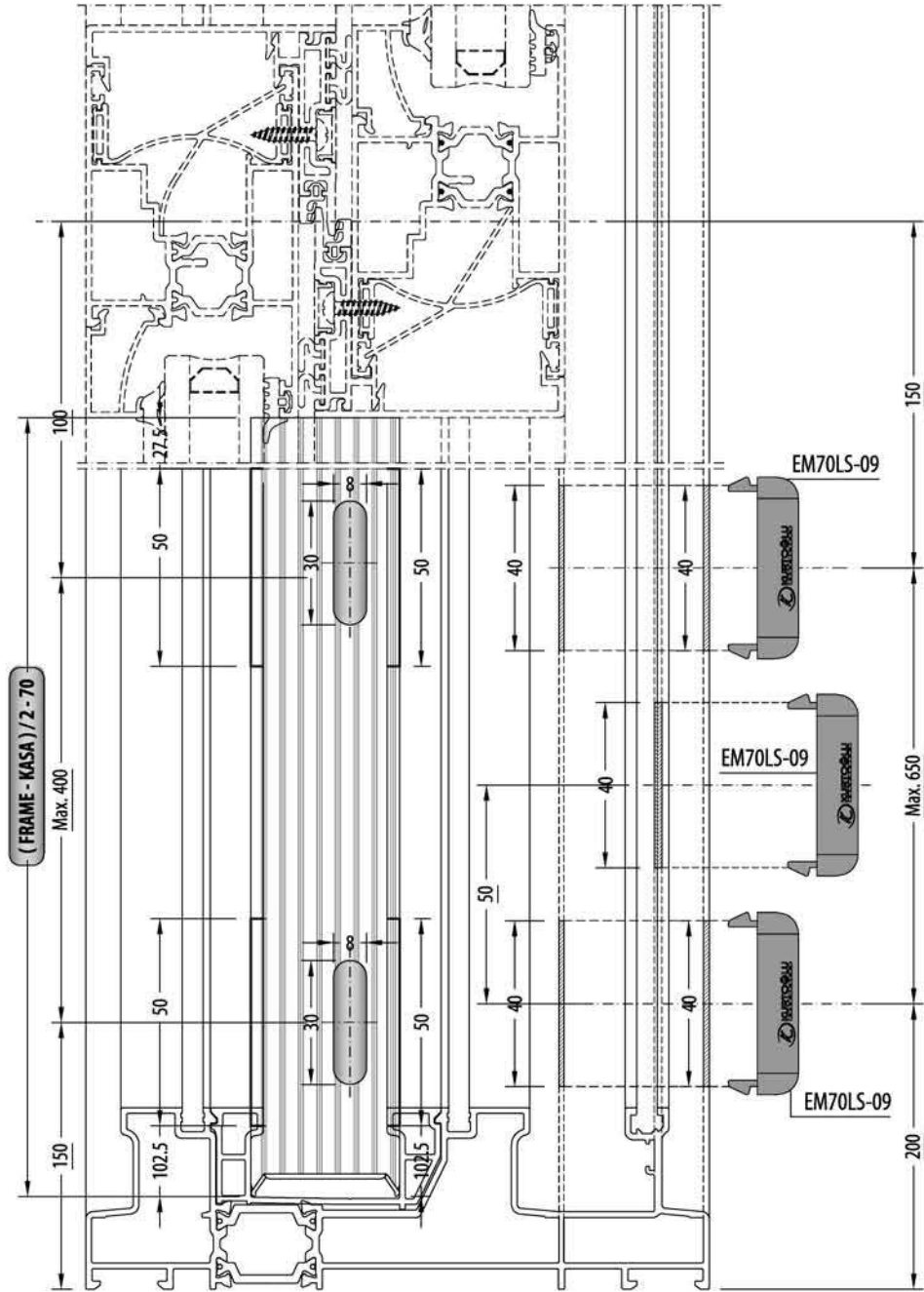
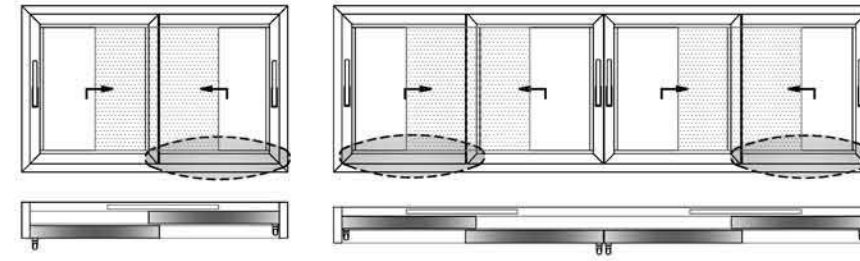


EM70LS-09
Drainage
Cap
Tahliye Kapağı

EM70LS-10
Checkvalve
must used.
Çekvalf
kullanılmalıdır.

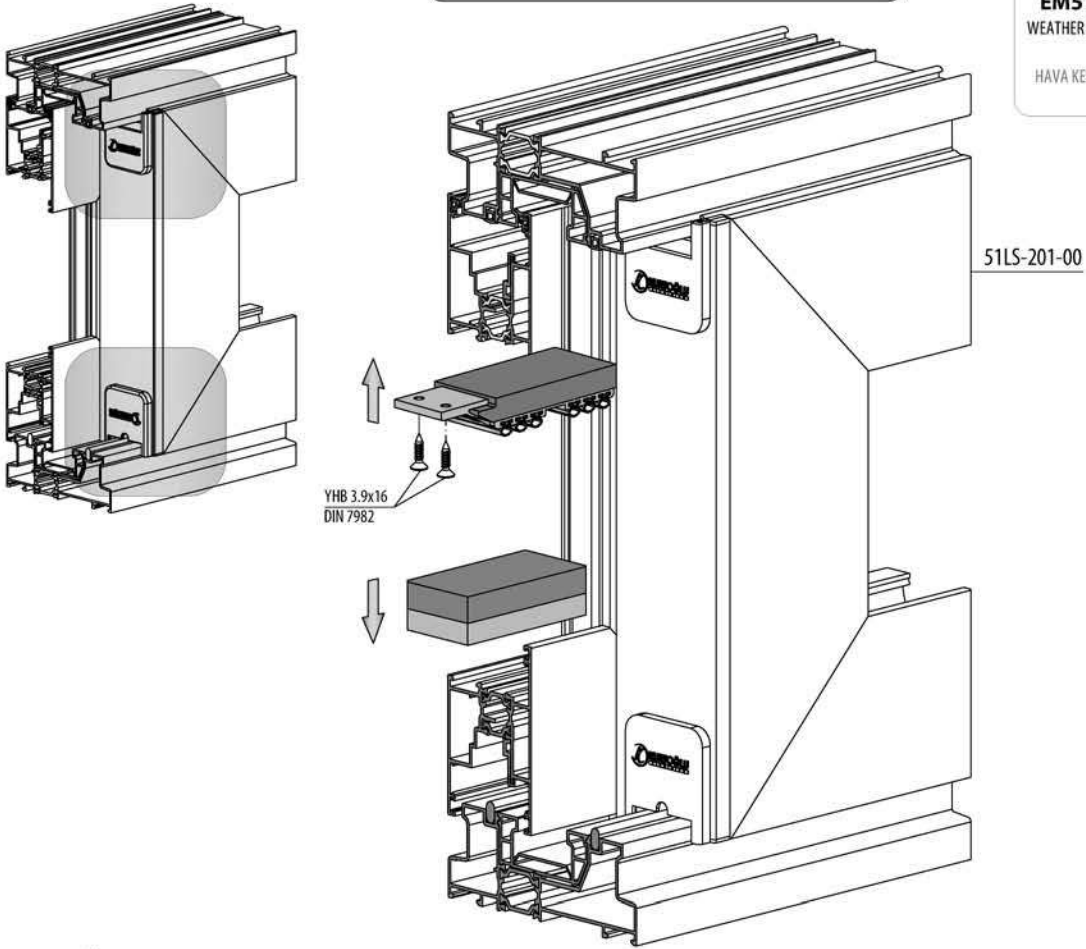
ACTIVE SIDE DRAINAGE / AKTİF TARAF TAHLİYE

51LS-152-00

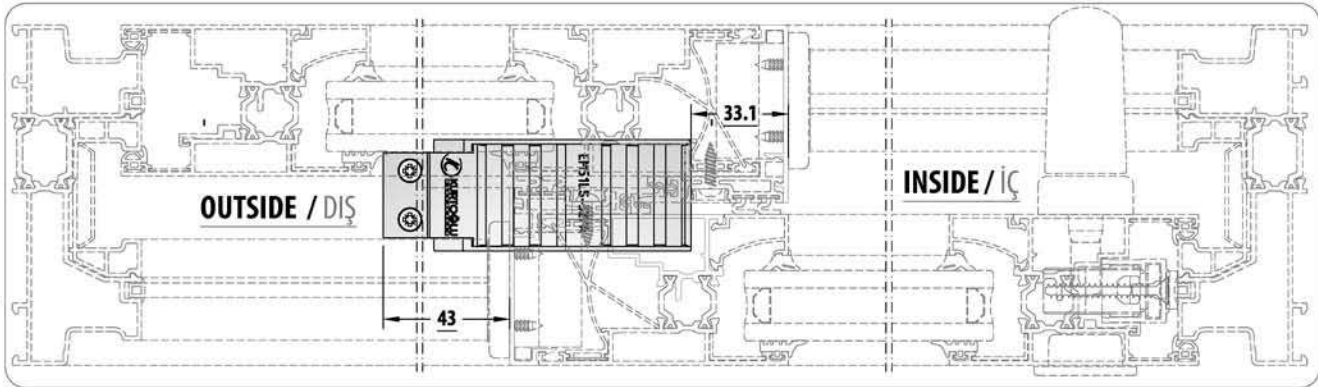


WEATHER STRIP MONTAGE / HAVA KESİCİ MONTAJI

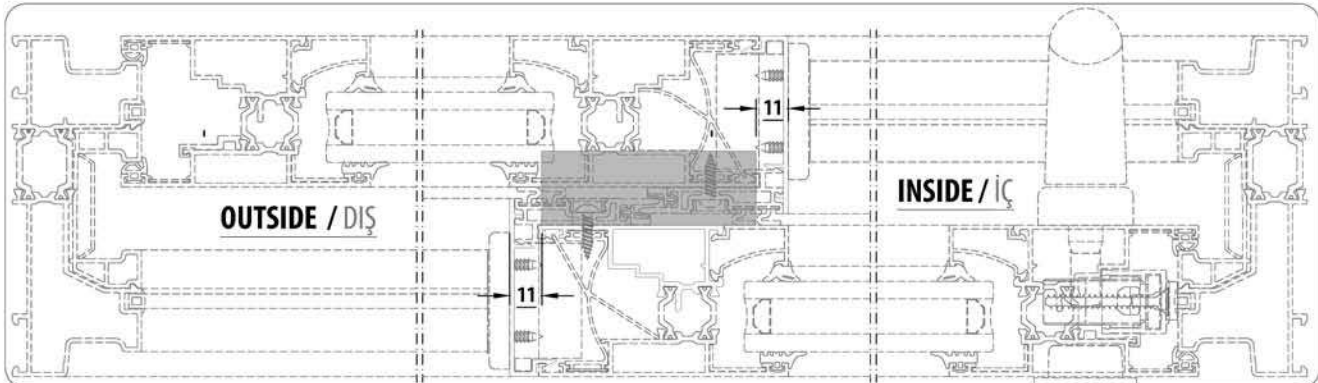
EM51LS-32
WEATHER STRIP SET
2'LI KASA
HAVA KESİCİ TAKIMI



TOP / ÜST



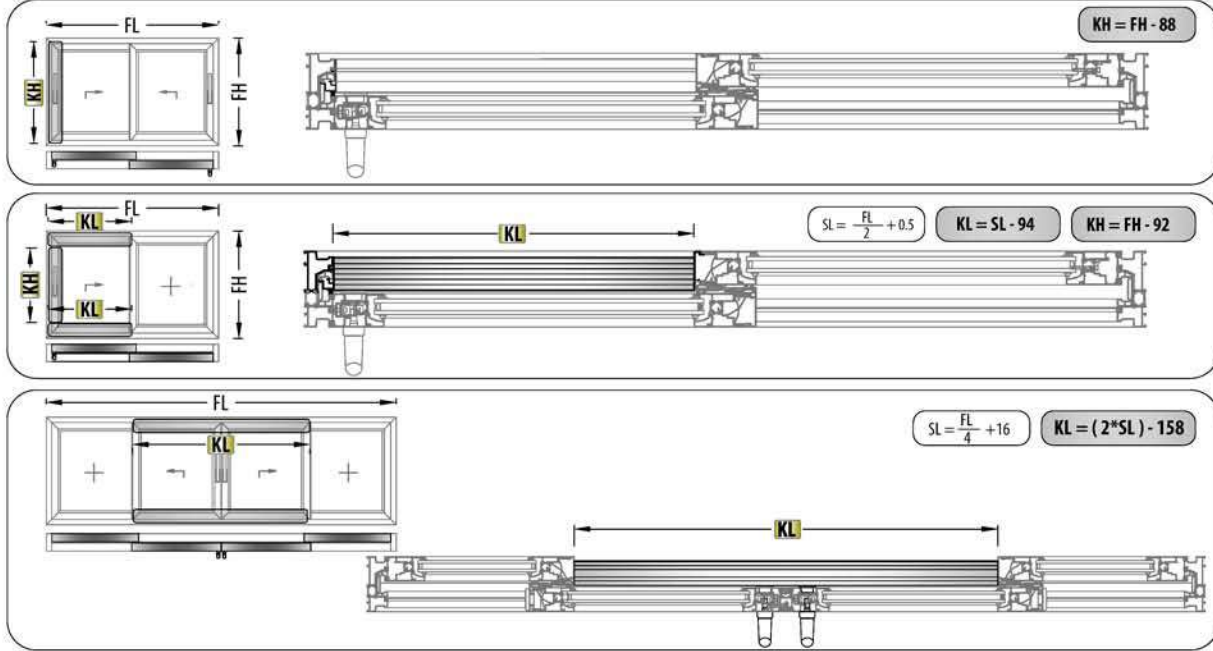
BOTTOM / ALT



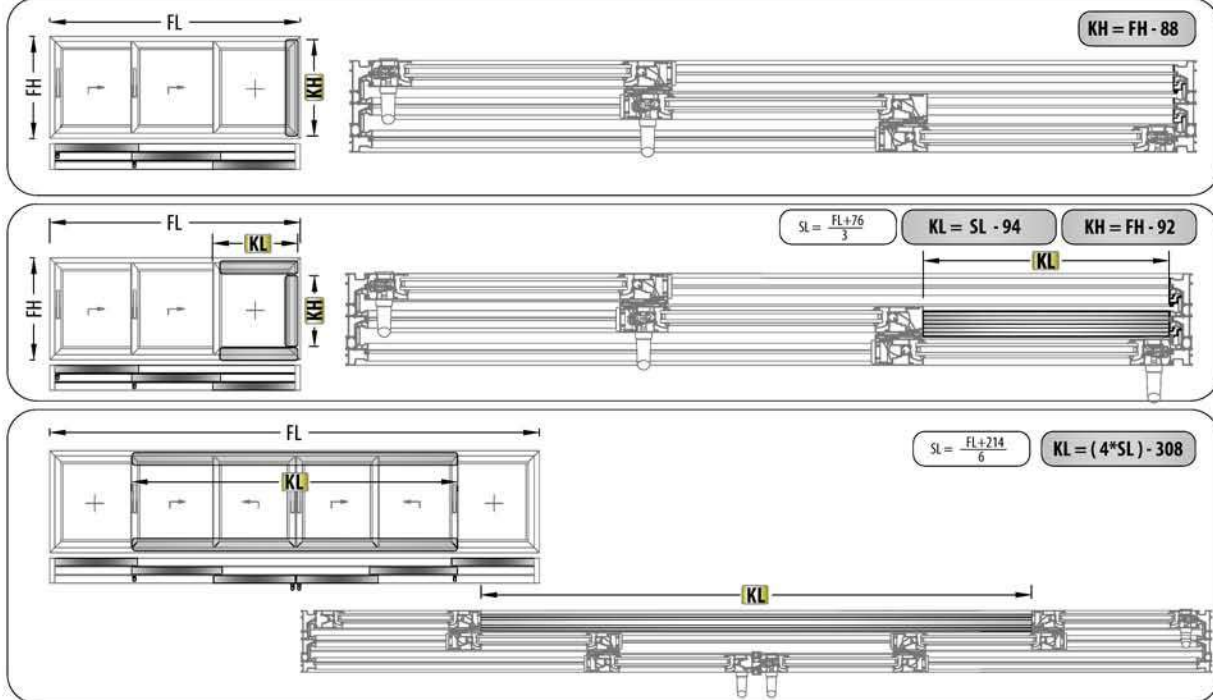
MONTAGE DIMENSION / MONTAJ ÖLÇÜLERİ

CAP MONTAGE SCHEME / KAPAK MONTAJ ŞEMASI

TWO RAIL FRAME / İKİ RAYLI KASA

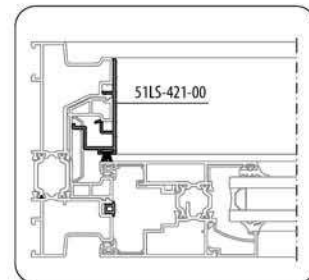
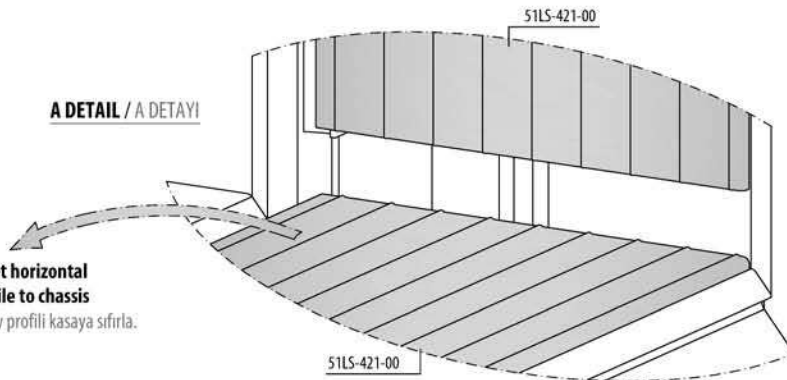


THREE RAIL FRAME / ÜÇ RAYLI KASA



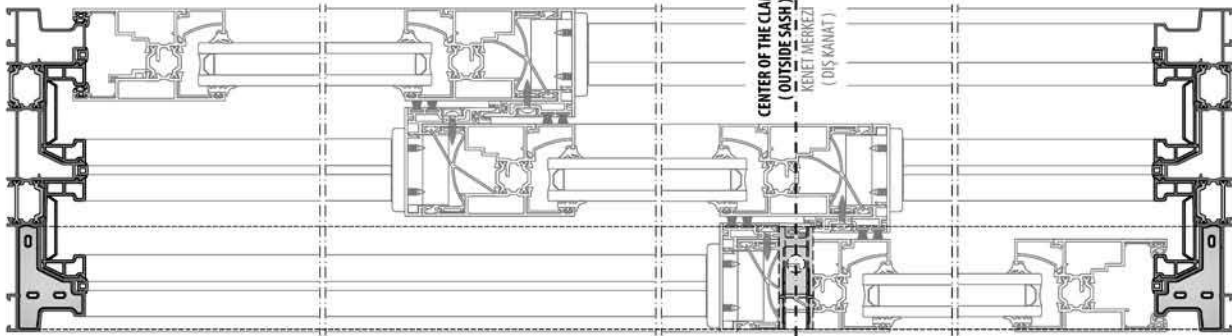
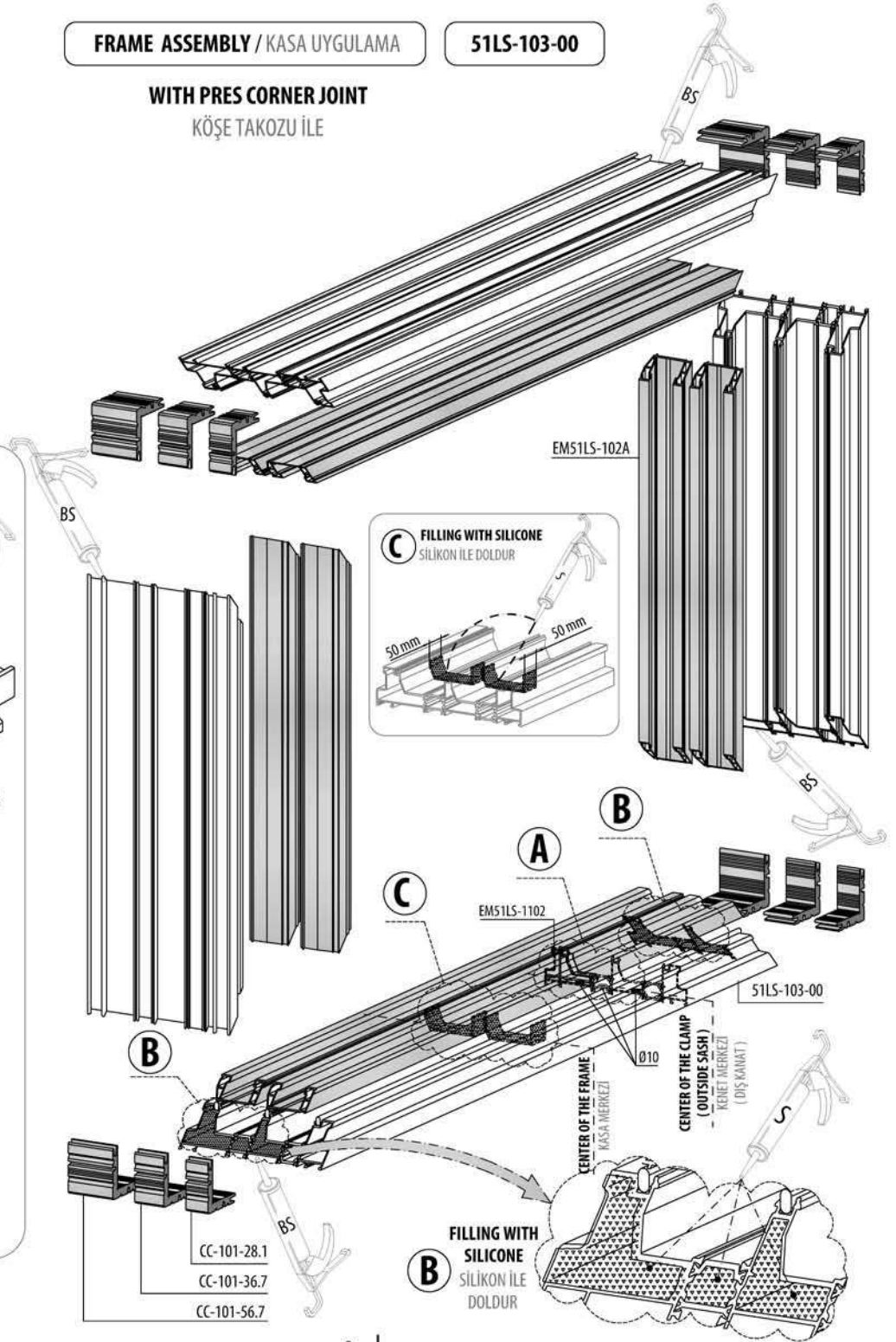
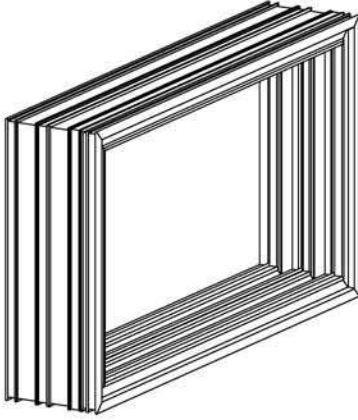
A DETAIL / A DETAYI

Reset horizontal
profile to chassis
Yatay profili kasaya sıfırla.



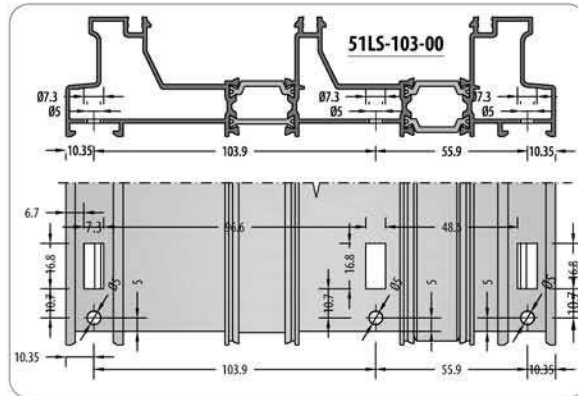
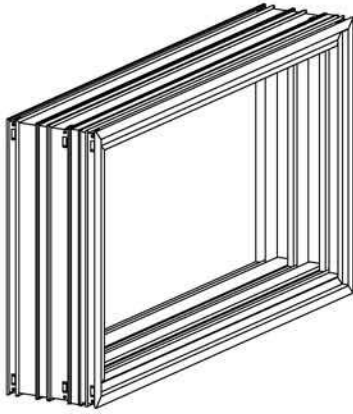
FRAME ASSEMBLY / KASA UYGULAMA

51LS-103-00

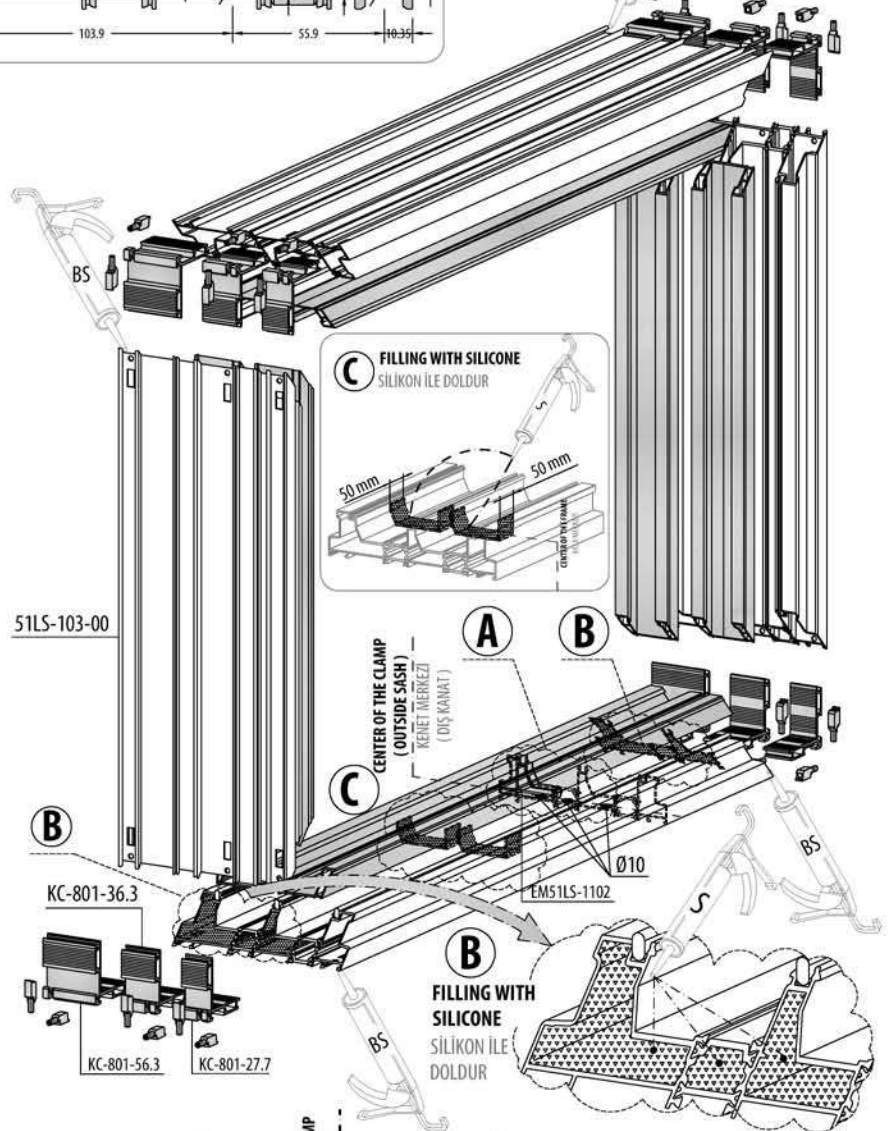
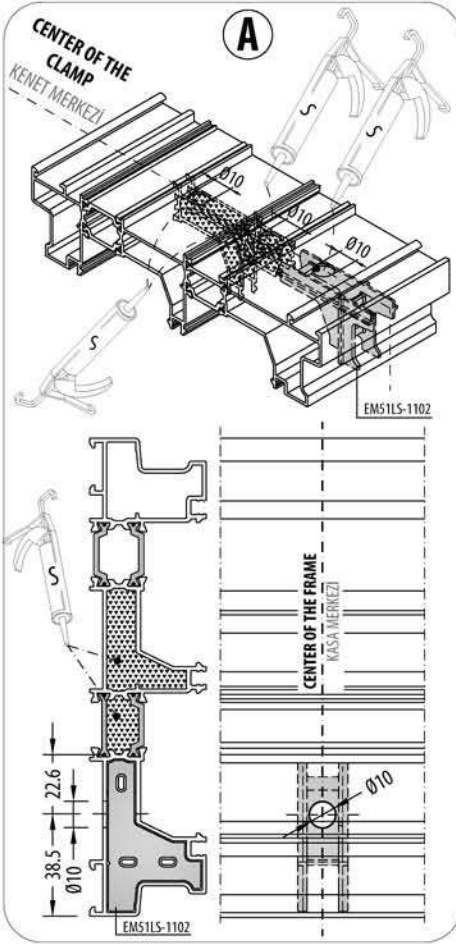
WITH PRES CORNER JOINT
KÖŞE TAKOZU İLE

FRAME ASSEMBLY / KASA UYGULAMA

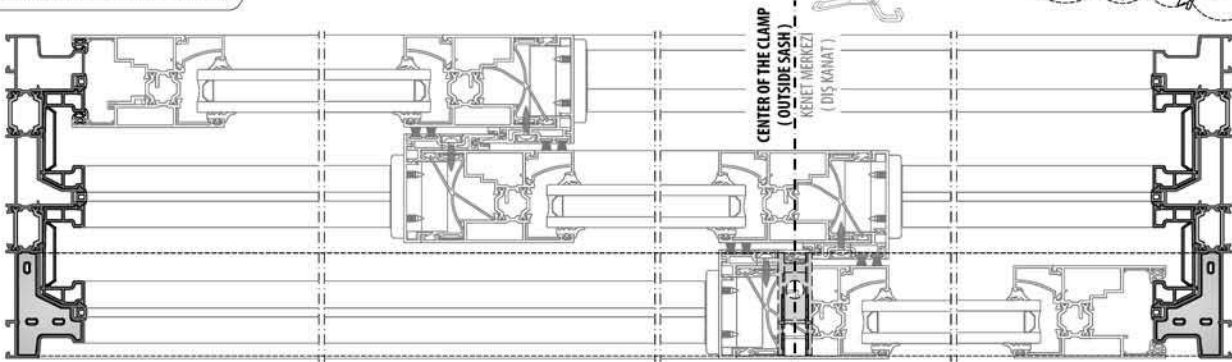
51LS-103-00



WITH MECHANICAL
CORNER JOINT
MEKANİK KÖŞE
BAĞLANTI

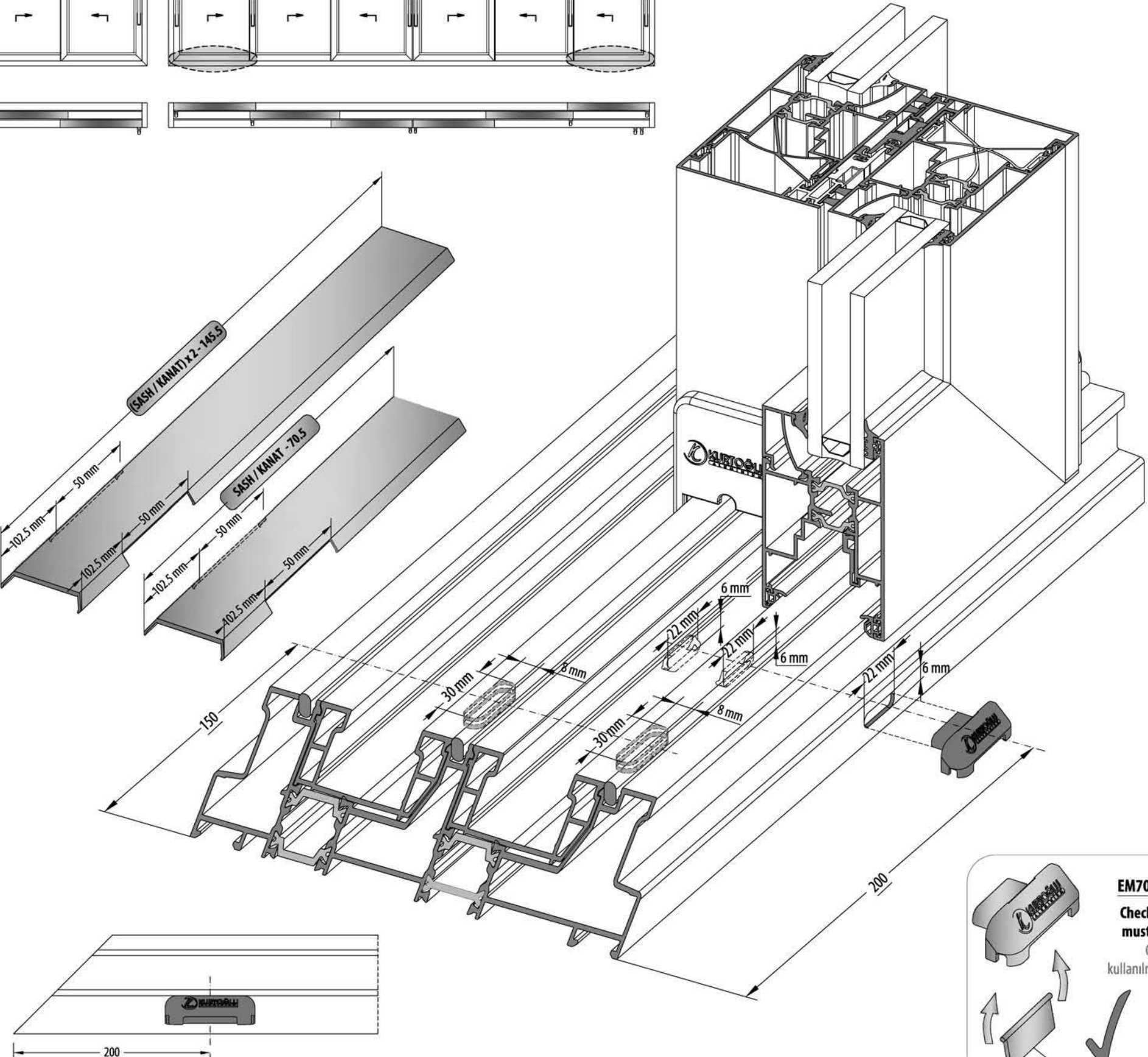
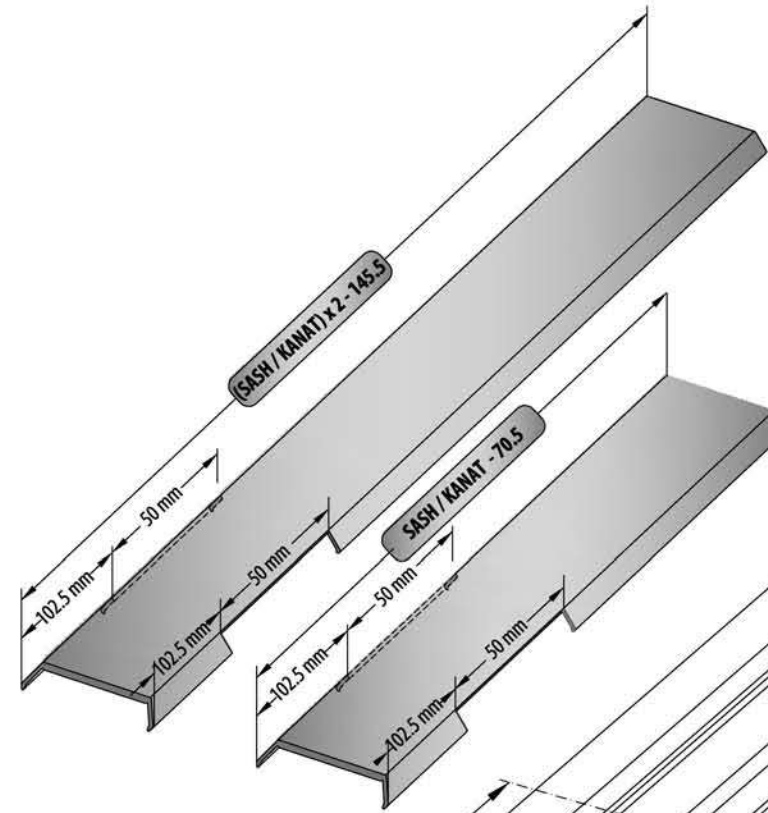
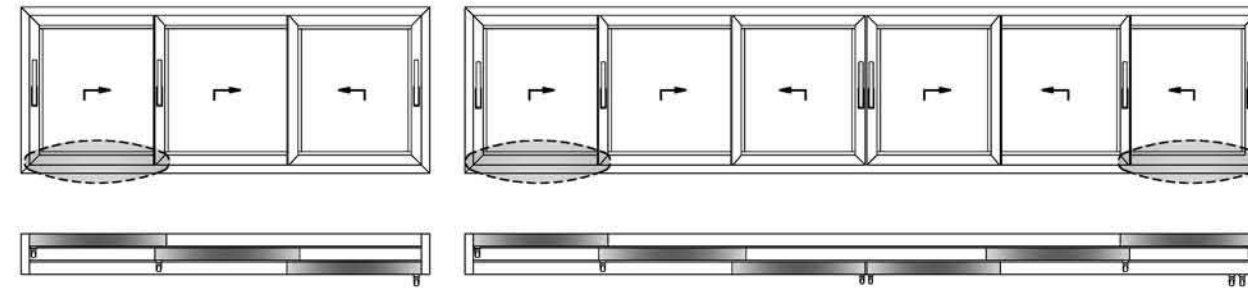
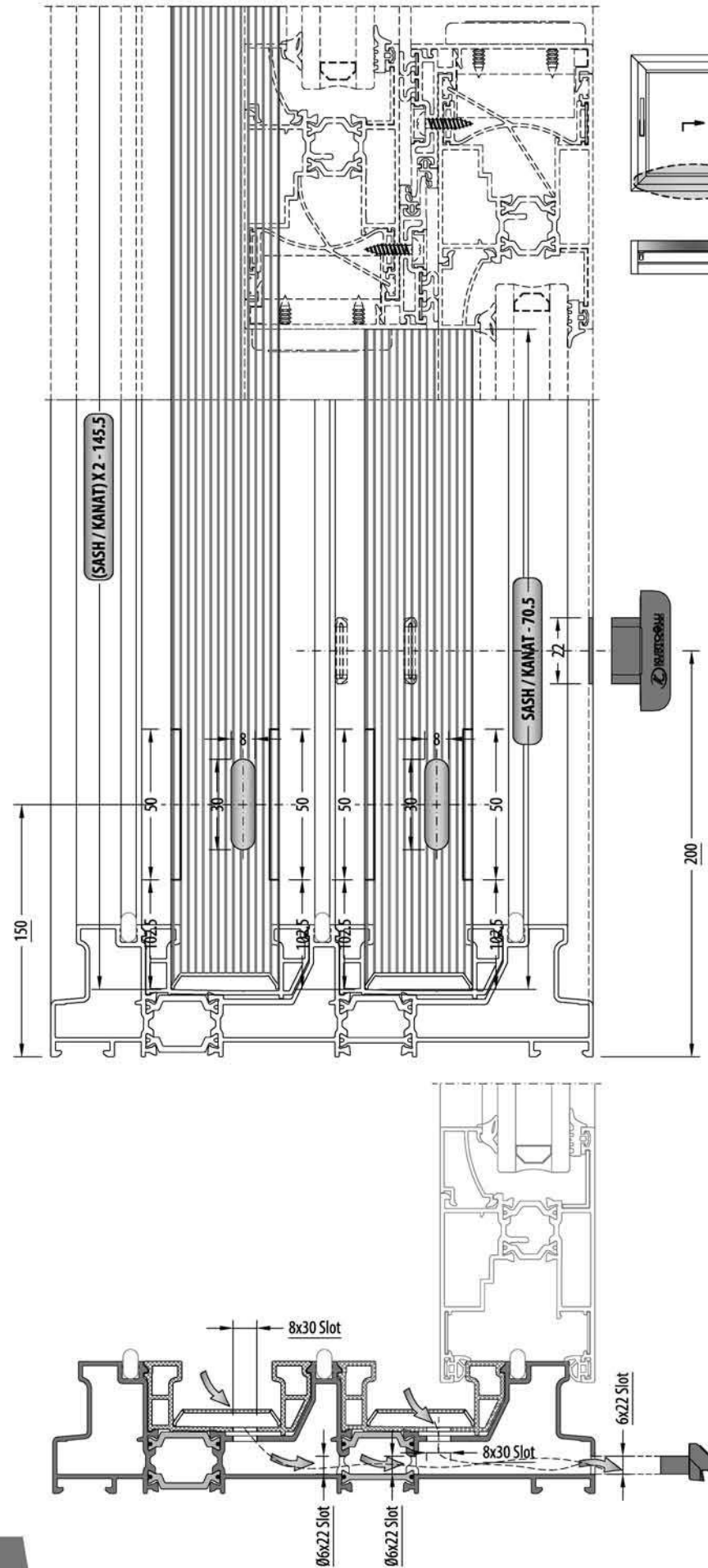


S = SILICONE / SİLİKON
ES = EPDM BOND / EPDM YAPIŞTIRICI
BS = BOND AND SEAL / YAPIŞTIRICI VE SIZDIRMAZ



PASSIVE SIDE DRAINAGE / PASİF TARAF TAHLİYE

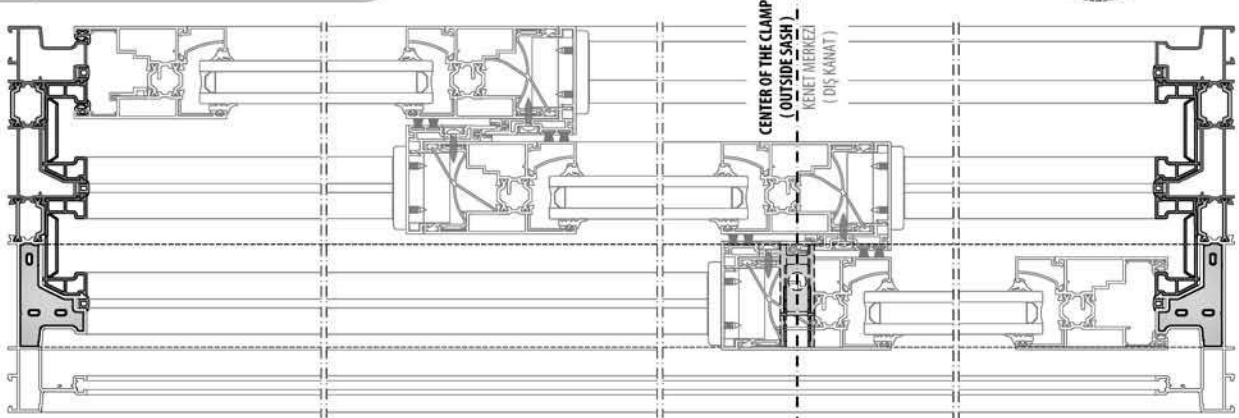
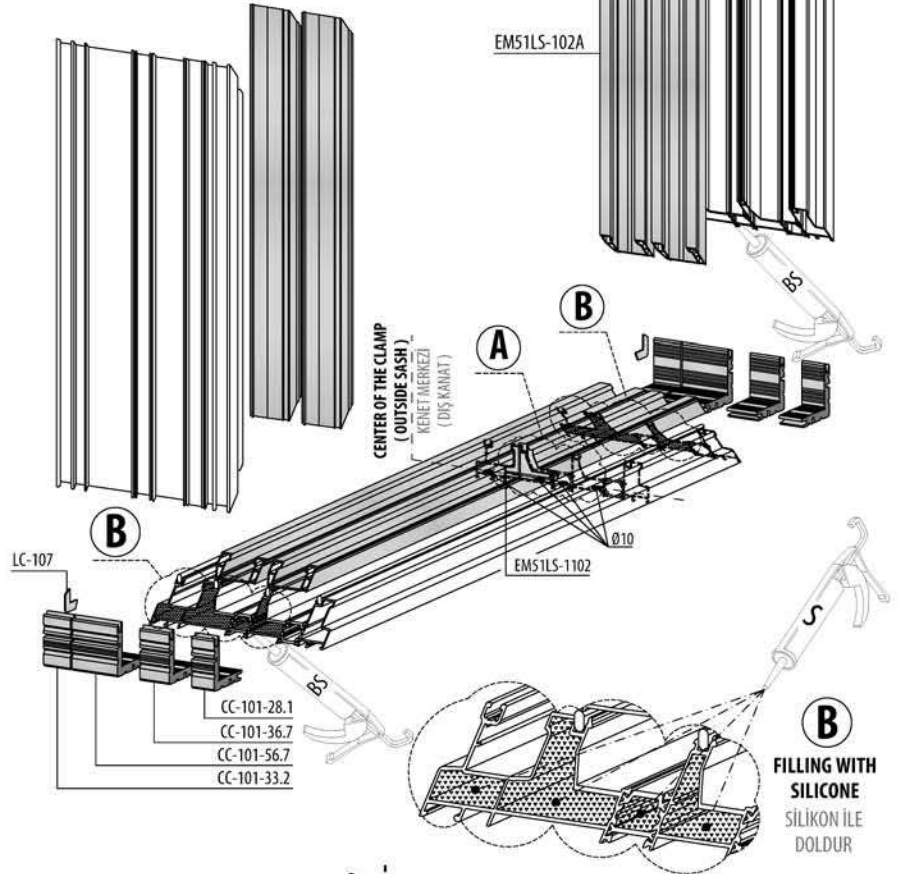
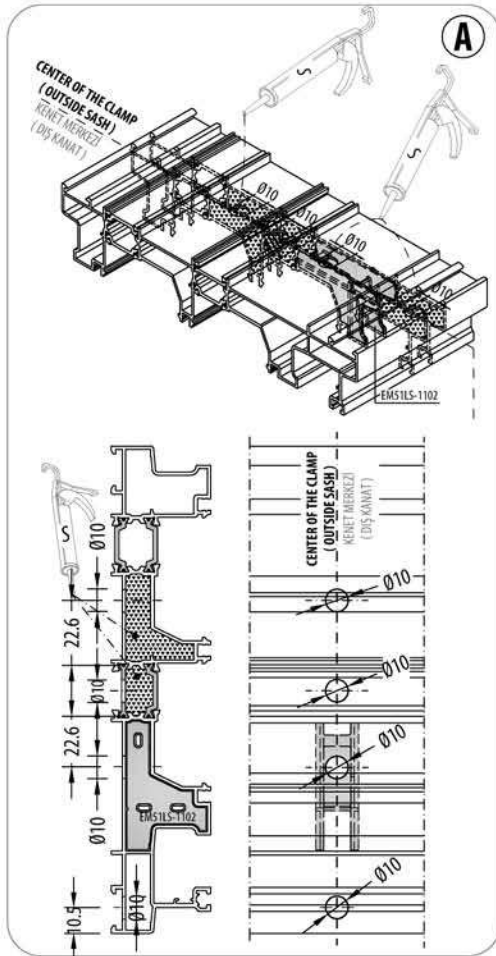
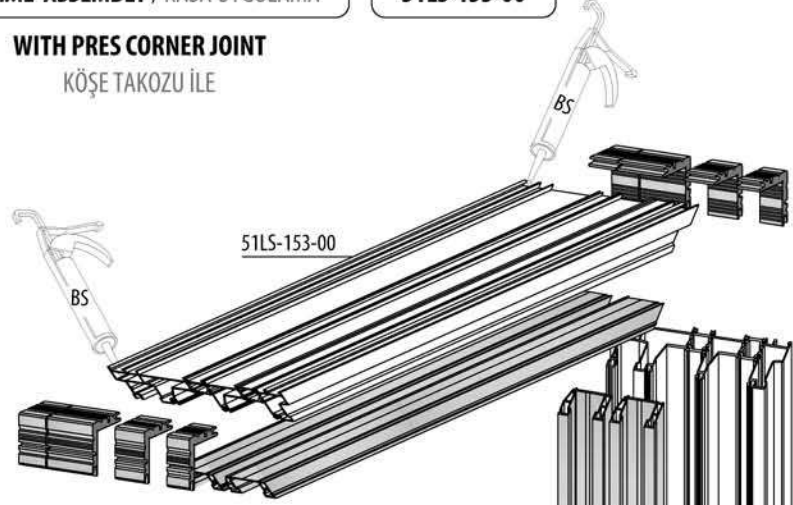
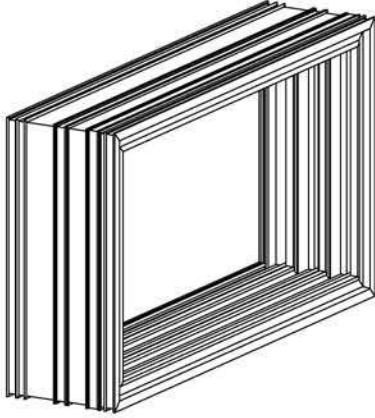
51LS-103-00



FRAME ASSEMBLY / KASA UYGULAMA

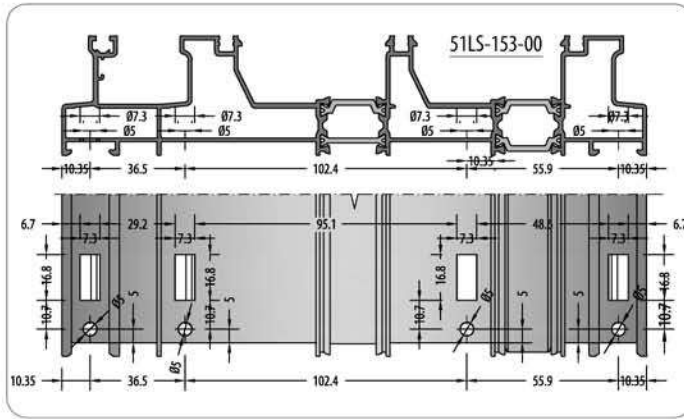
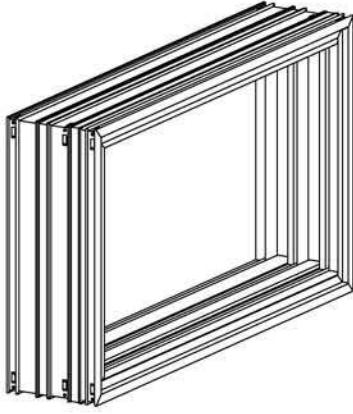
51LS-153-00

WITH PRES CORNER JOINT
KÖŞE TAKOZU İLE

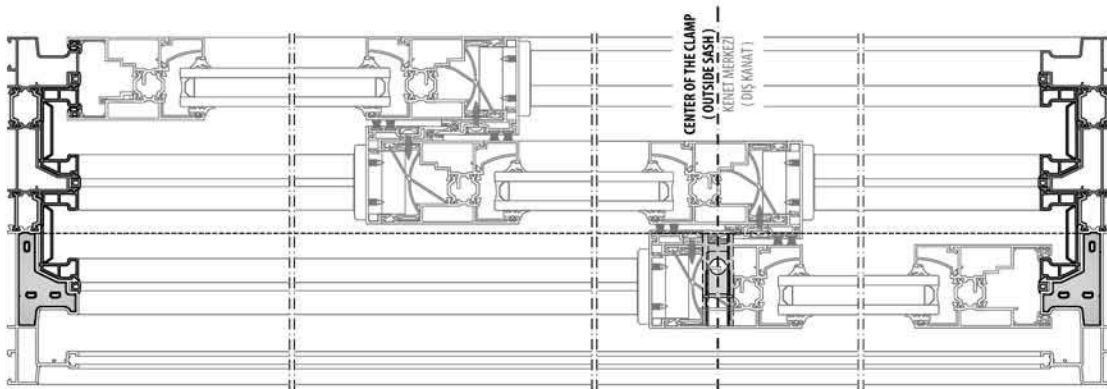
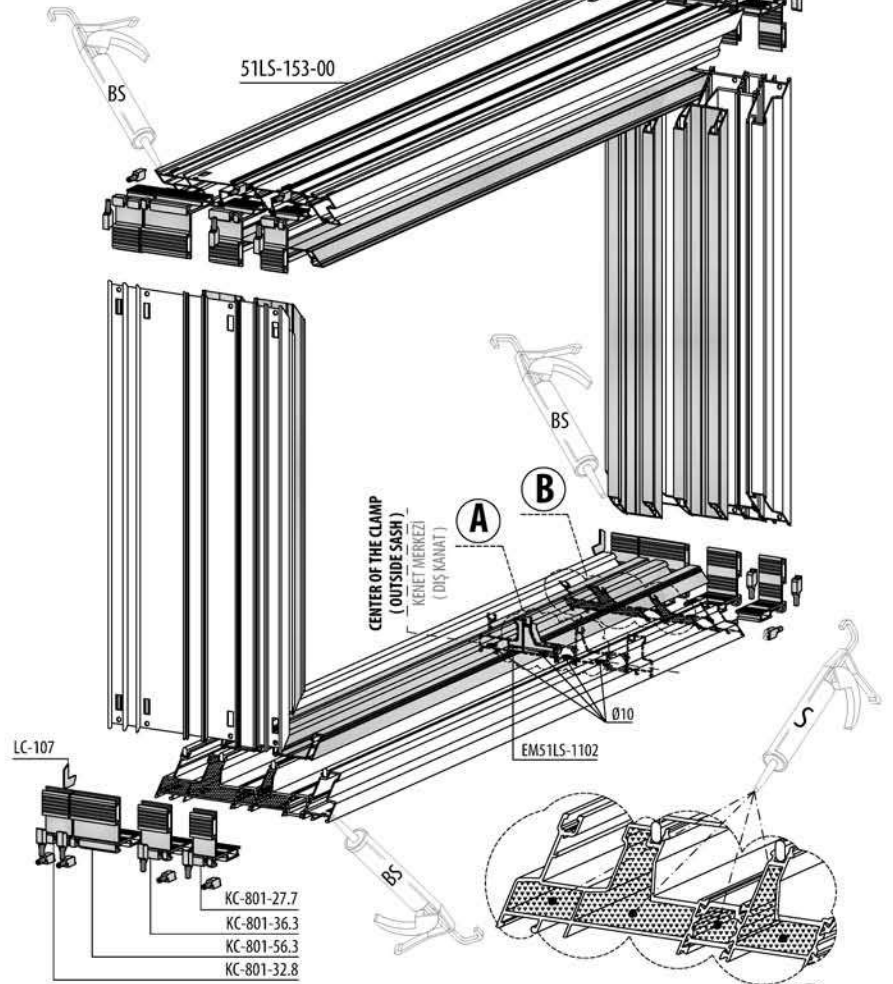
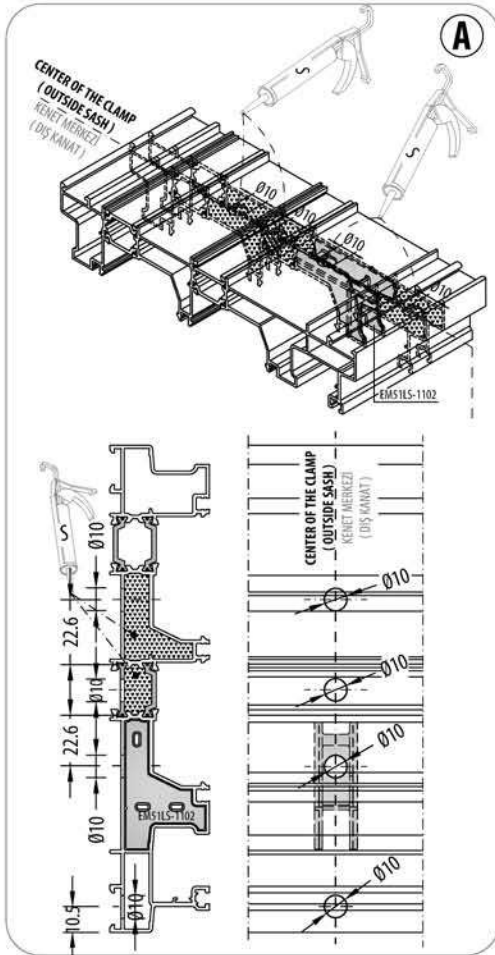


FRAME ASSEMBLY / KASA UYGULAMA

51LS-153-00



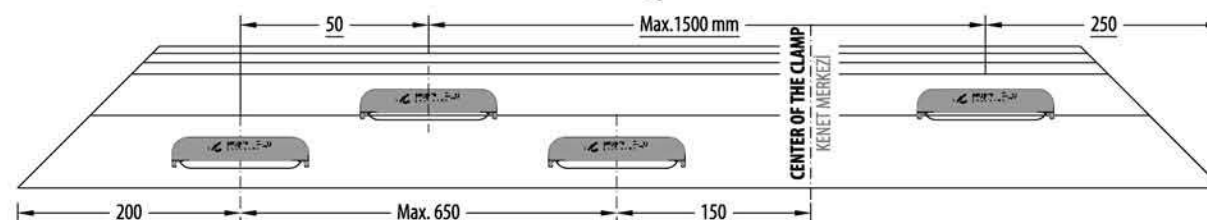
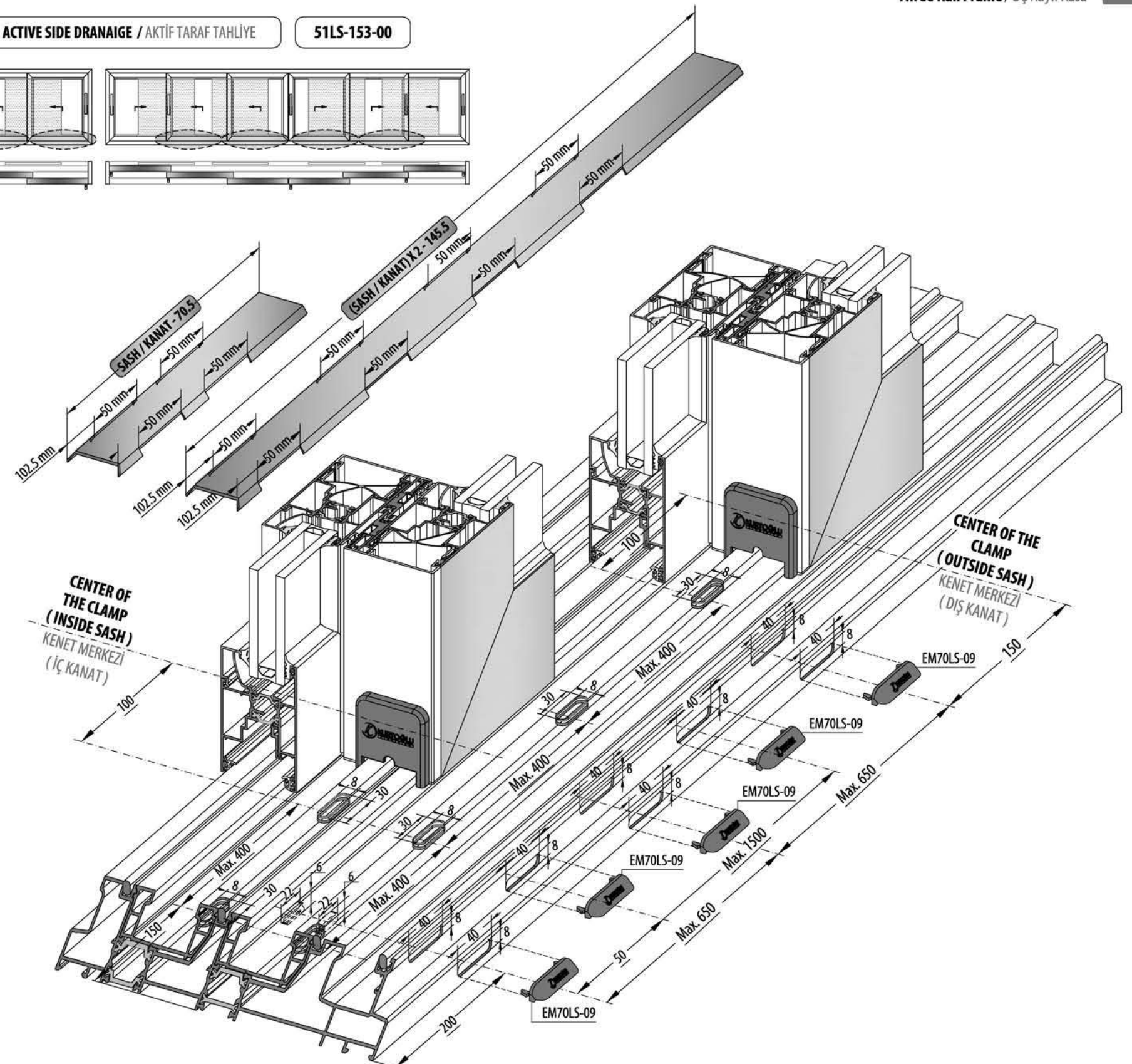
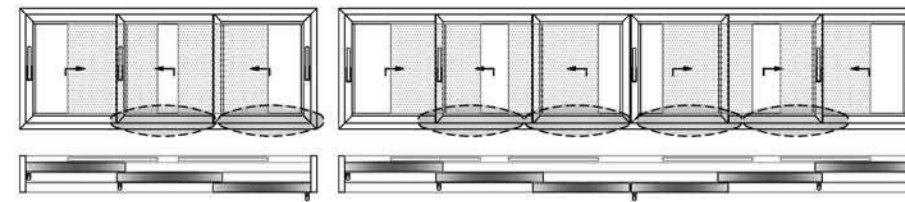
WITH MECHANICAL
CORNER JOINT
MEKANİK KÖŞE
BAĞLANTI



B
FILLING WITH
SILICONE
SİLİKON İLE
DOLDUR

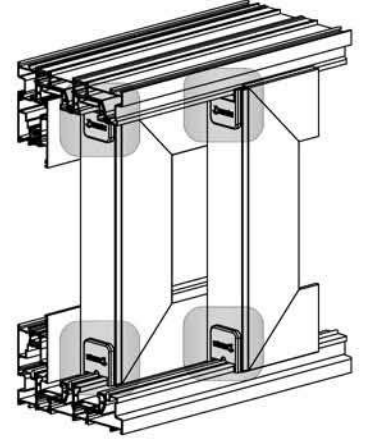
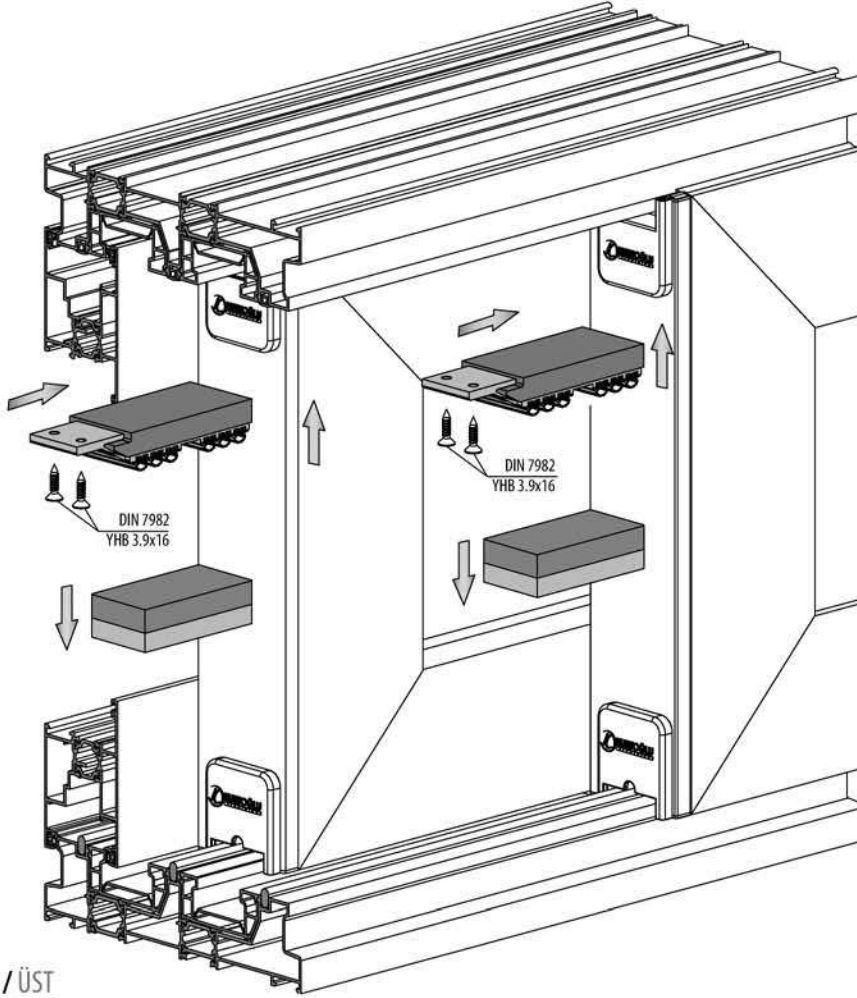


51LS-153-00



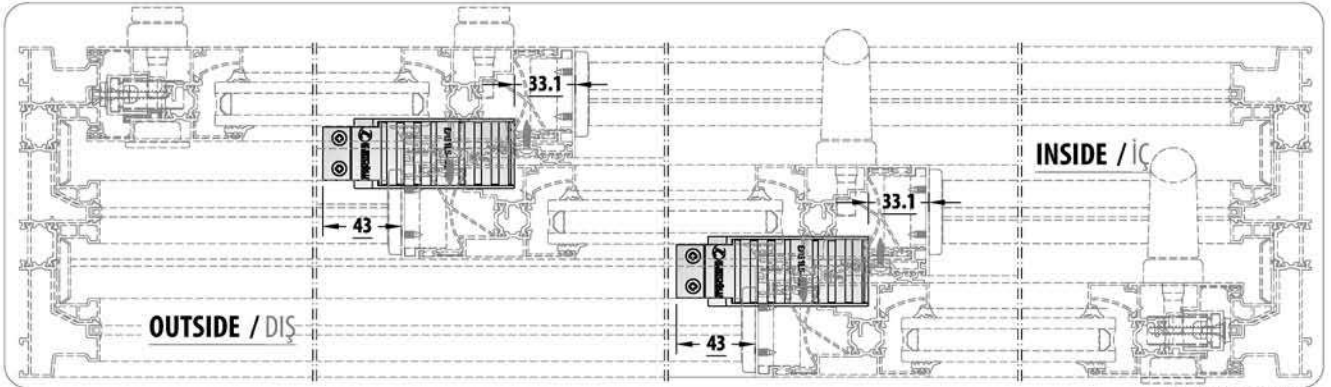
WEATHER STRIP MONTAGE / HAVA KESİCİ MONTAJI

EM51LS-32
WEATHER STRIP SET
2'Lİ KASA
HAVA KESİCİ TAKIMI

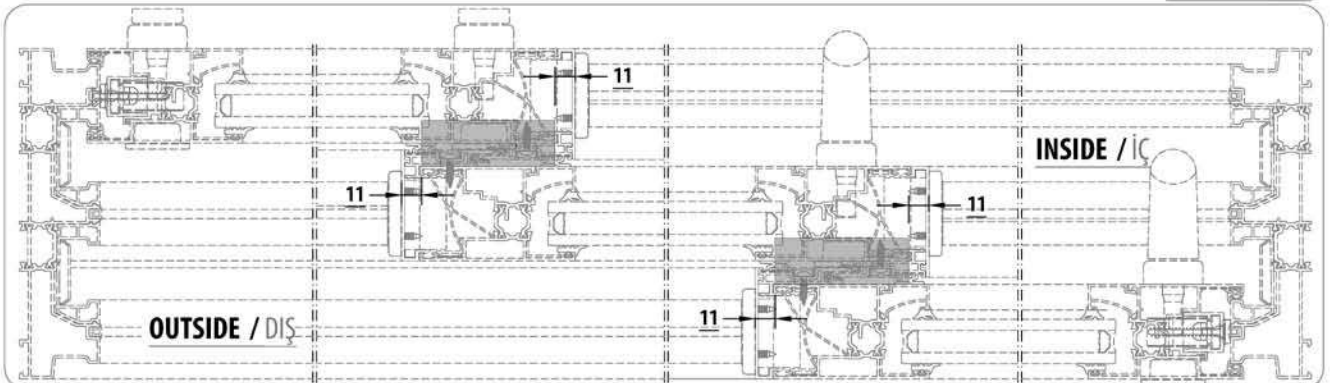


51LS-201-00

TOP / ÜST



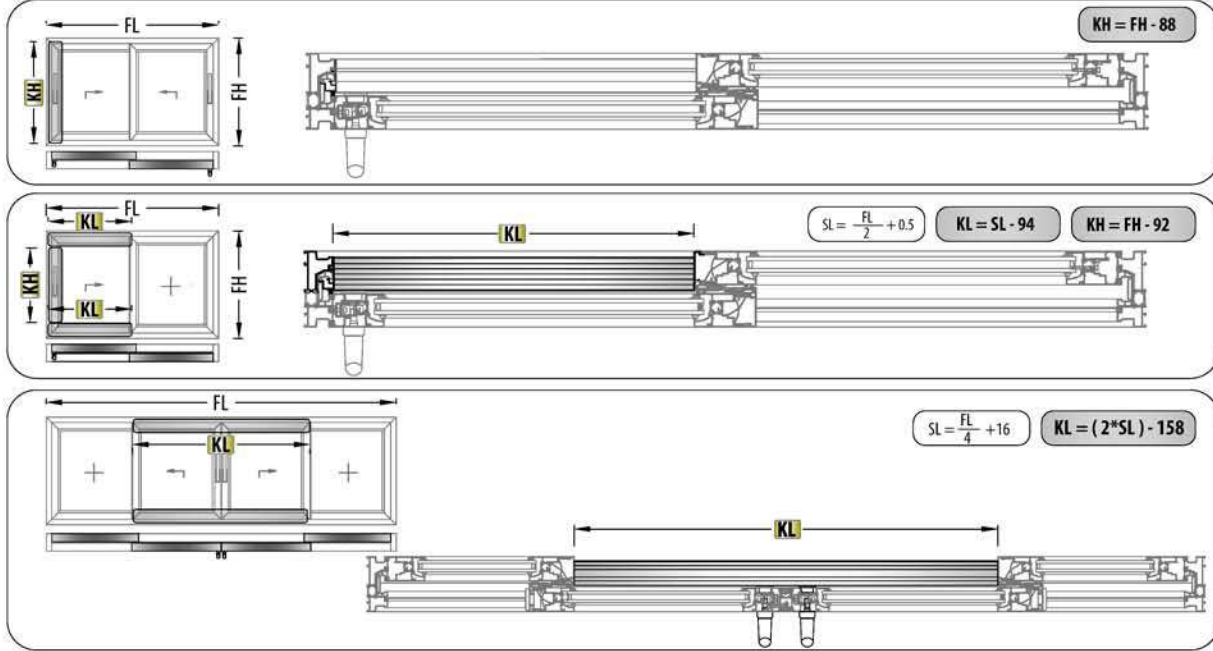
BOTTOM / ALT



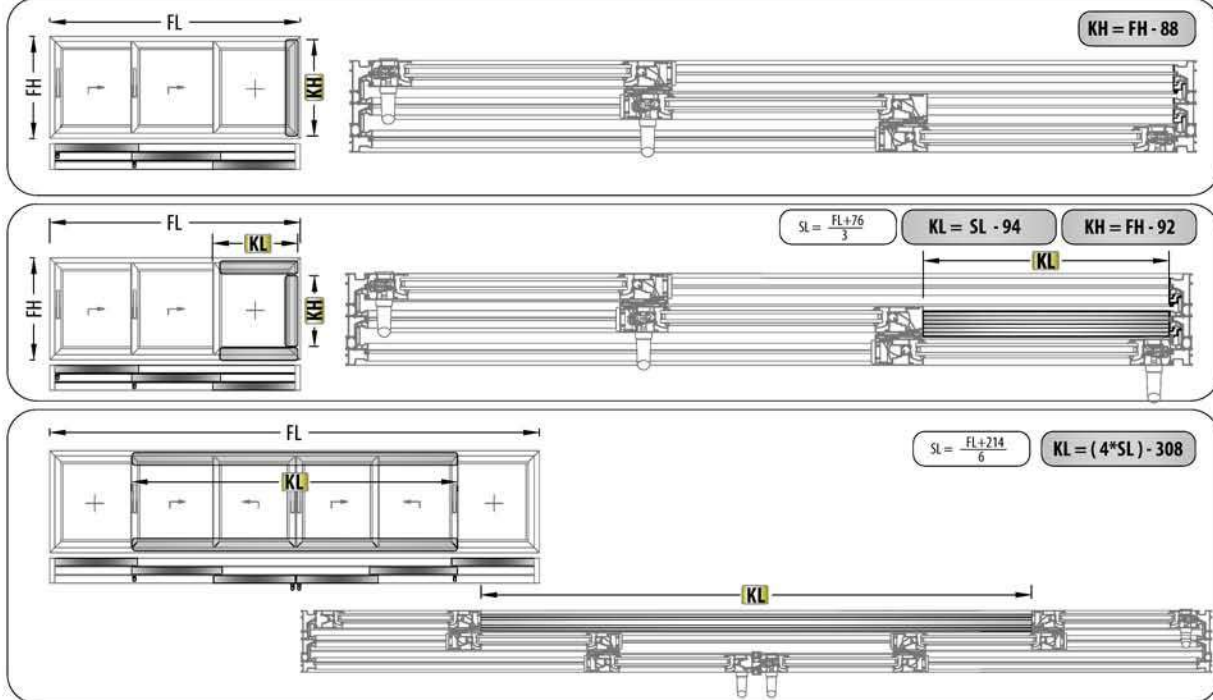
MONTAGE DIMENSION / MONTAJ ÖLÇÜLERİ

CAP MONTAGE SCHEME / KAPAK MONTAJ ŞEMASI

TWO RAIL FRAME / İKİ RAYLI KASA

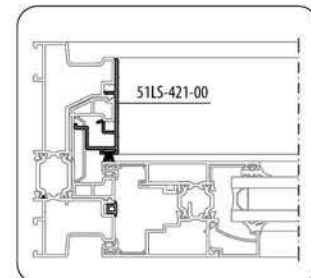
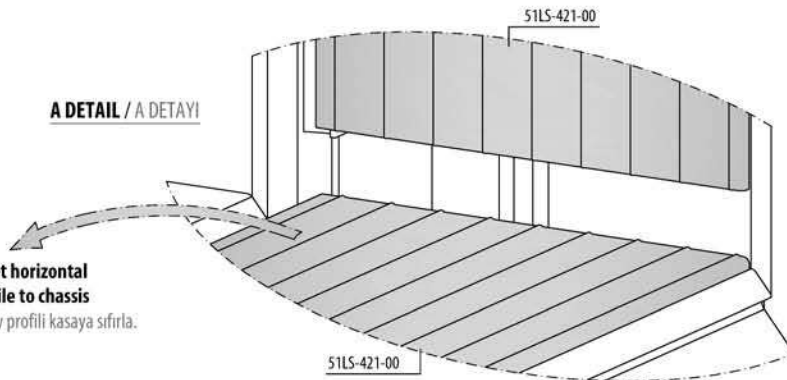


THREE RAIL FRAME / ÜÇ RAYLI KASA

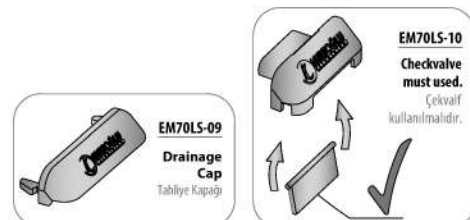
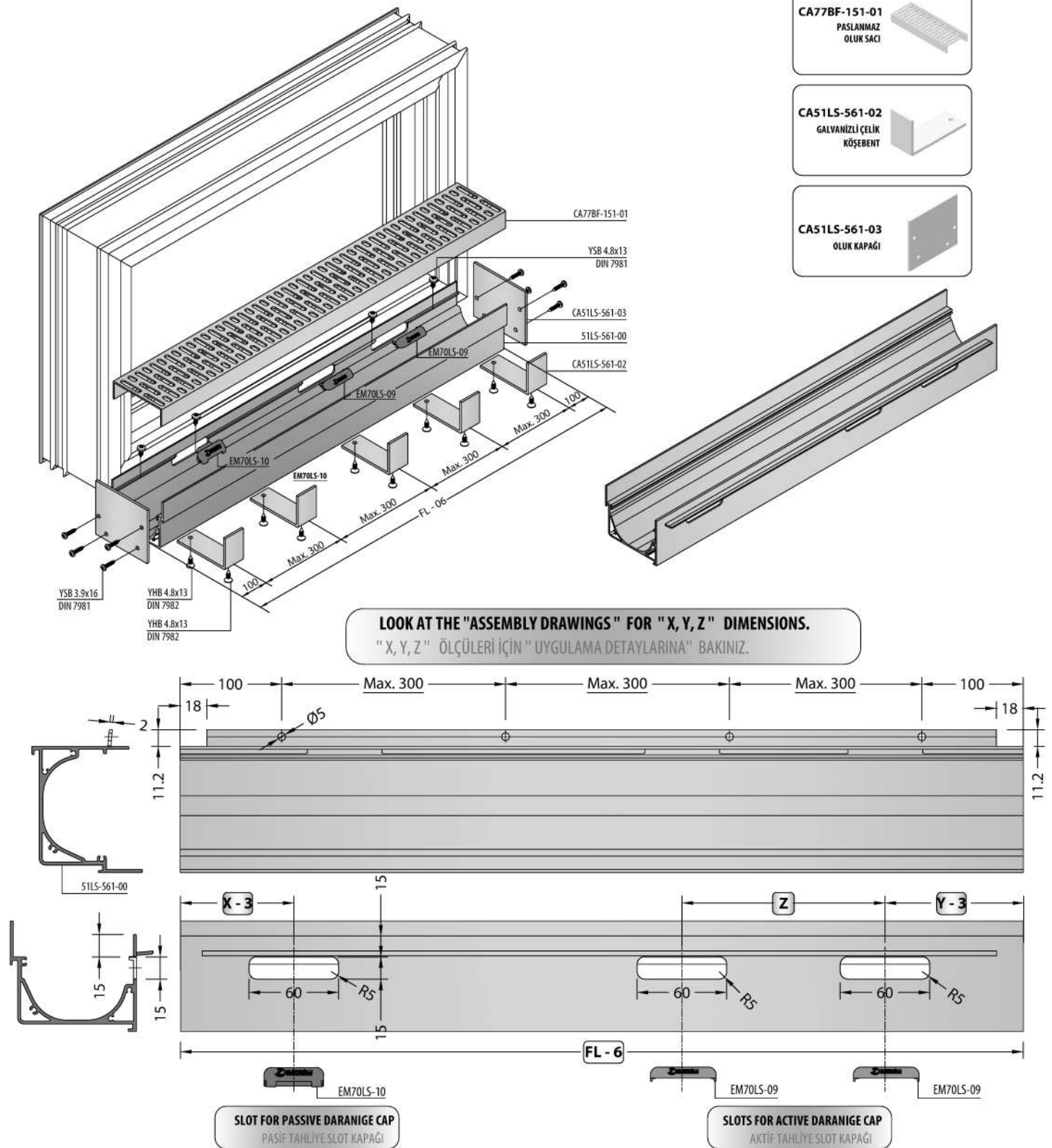


A DETAIL / A DETAYI

Reset horizontal
profile to chassis
Yatay profili kasaya sıfırla.



GROOVE ASSEMBLY / OLUK UYGULAMASI



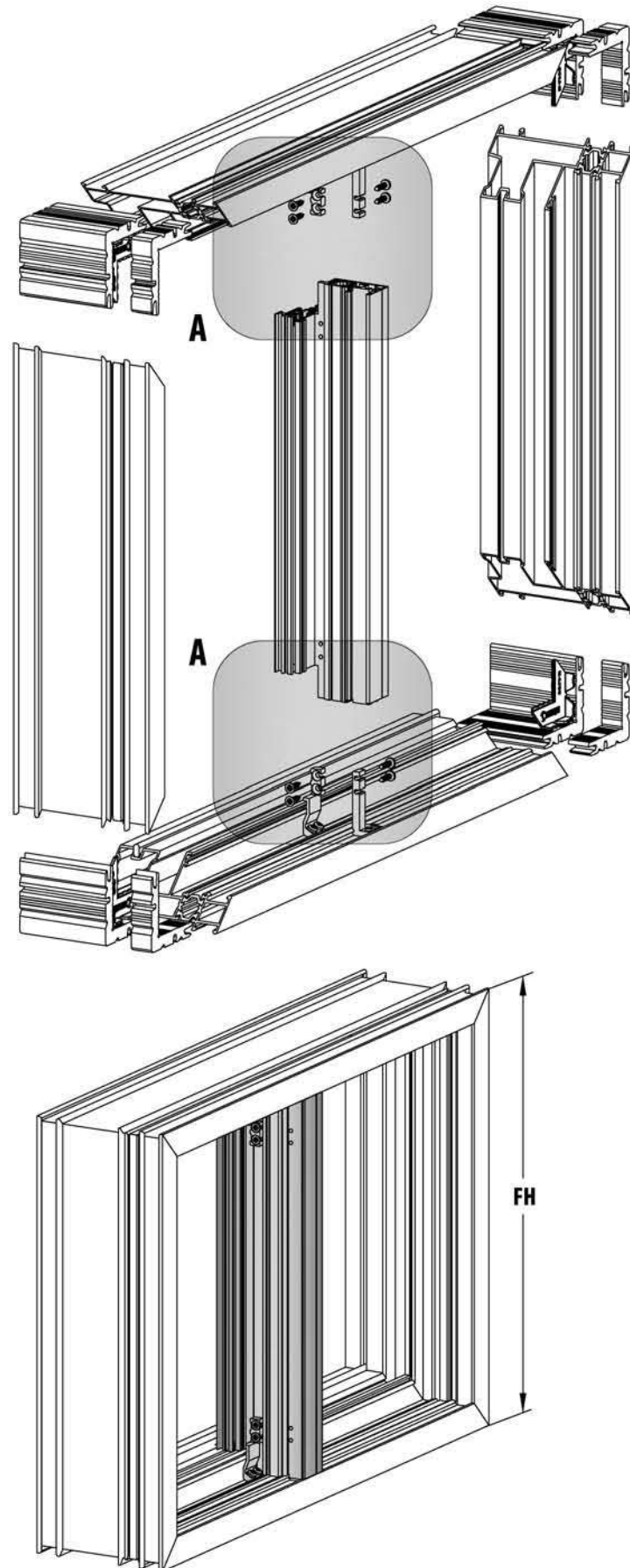
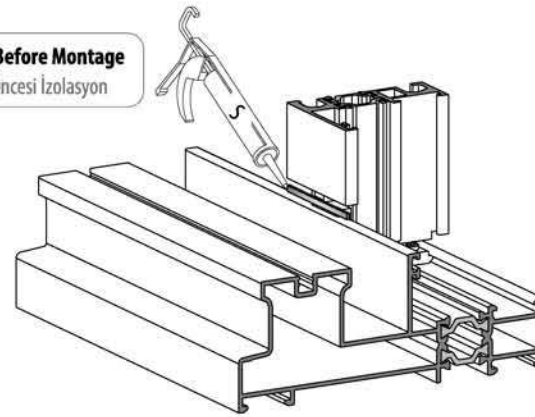
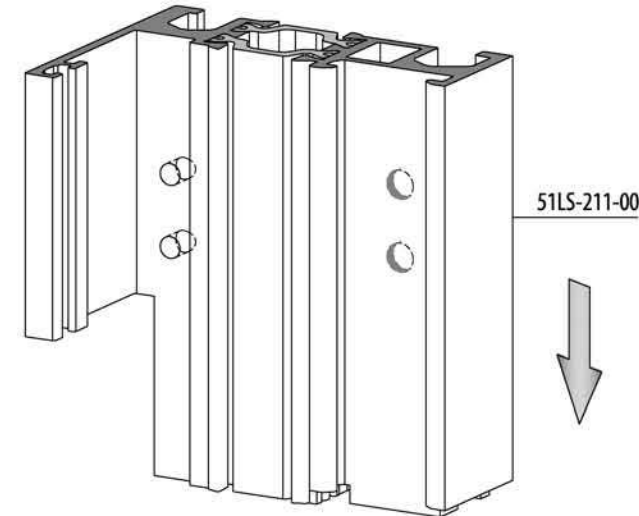
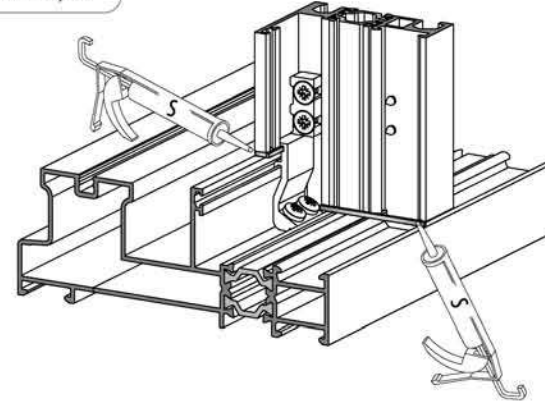
51S

NARROW CLAMP / DAR KENET

ASSEMBLY DETAILS / MONTAJ DETAYLARI
LIFT & SLIDE / KALDIR SÜR

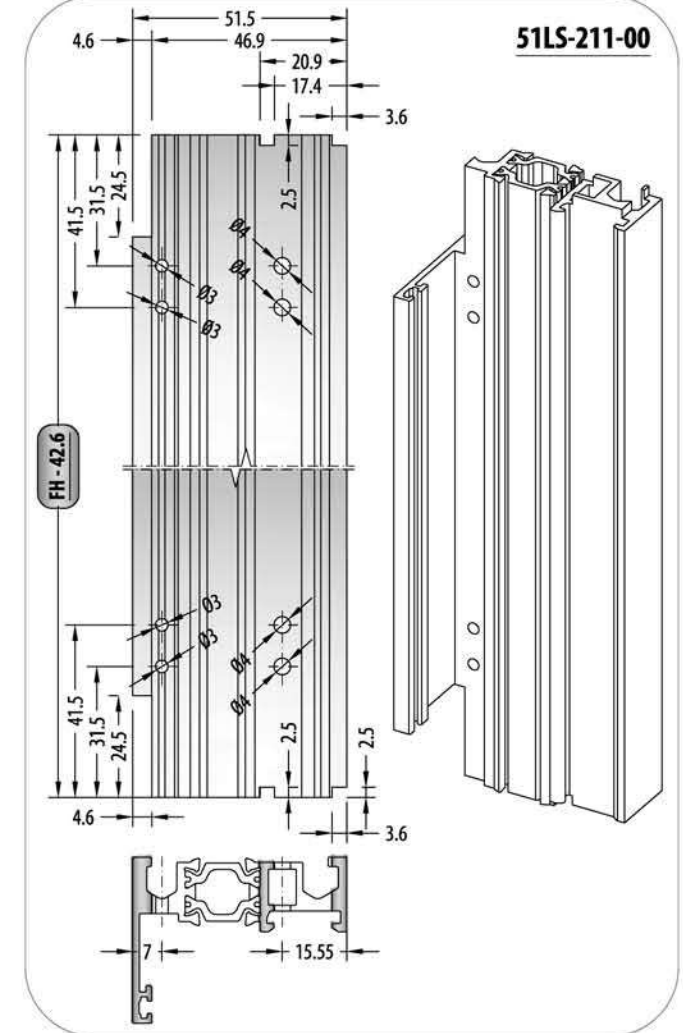
NARROW CLAMP PROFILE ASSEMBLY / DAR KENET PROFİL MONTAJI

51LS-211-00

Isolation Before Montage
Montaj Öncesi İzolasyonIsolation After Montage
Montaj Sonrası İzolasyon

NOTCH / KERTME

51LS-211-00



OPERATIONS / İŞLEMLER

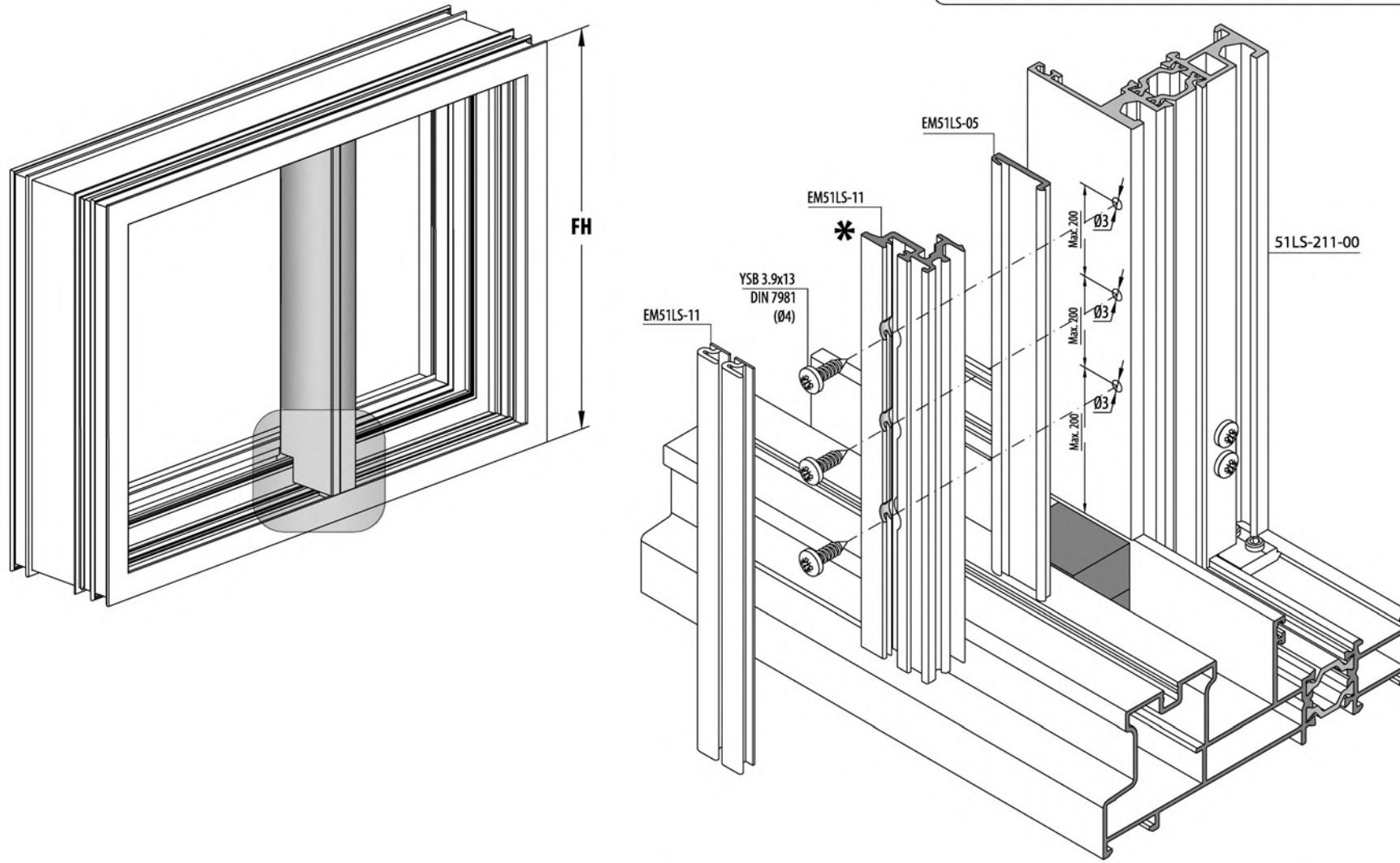
51LS-211-00

Mullion Profile Notch and Holes
Orta Kayıt Profil Kertme ve Delik DelmeCA51-911-18.5, CA51-912-16.9
T Junction Montage / Çektirme Bağlantı Montajı
51LS-211-00Mullion Profile Montage
Orta Kayıt Profil Montajı

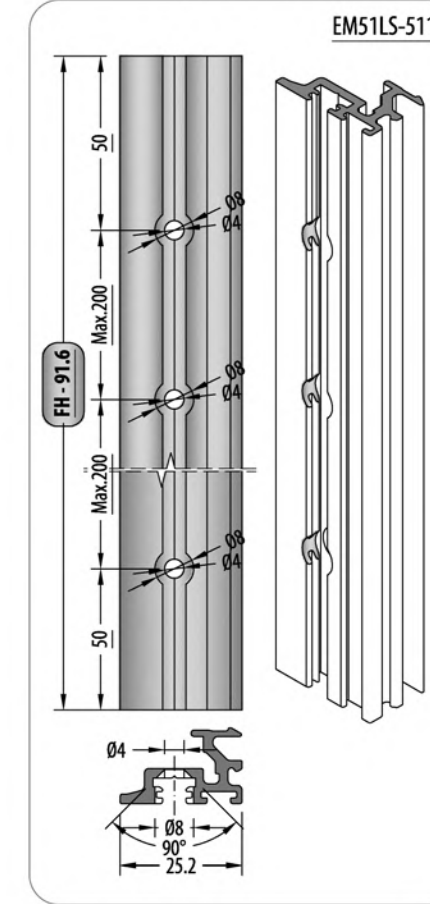
PACKAGE CODE PAKET KODU	DRAWING / ÇİZİM	CUTTING SIZE KESİM ÖLÇÜSÜ
CA51-911-18.5		18.5 mm
CA51-912-16.9		16.9 mm

S = SILICONE SİLİKON
ES = EPDM BOND / EPDM YAPIŞTICI
BS = BOND AND SEAL / YAPIŞTIRICI VE SIZDIRMAZ

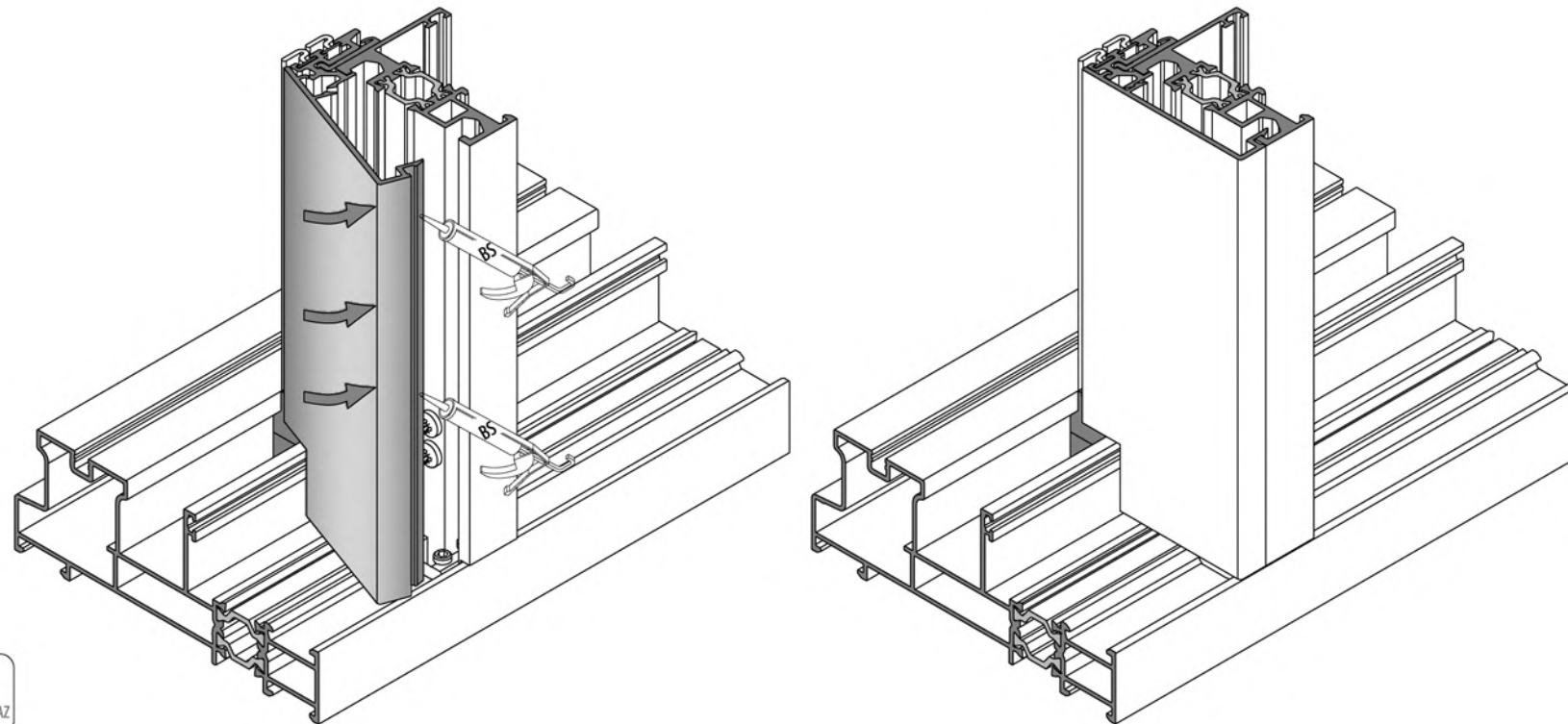
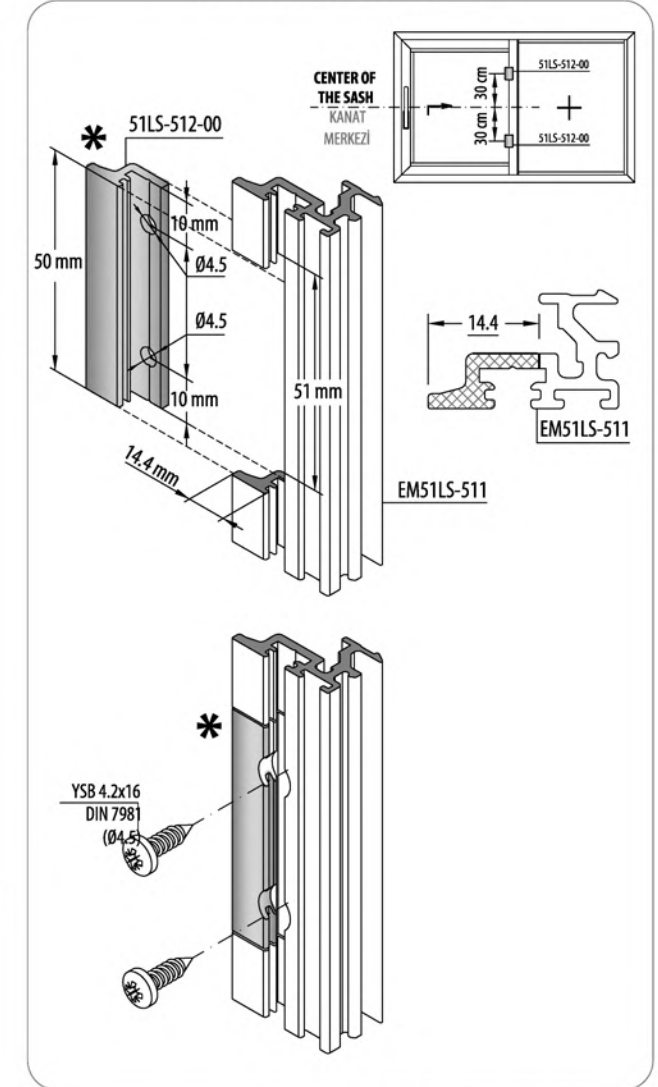
NARROW CLAMP / DAR KENET
FIXED CLAMP PROFILE ASSEMBLY / SABİT KENET PROFİL MONTAJI



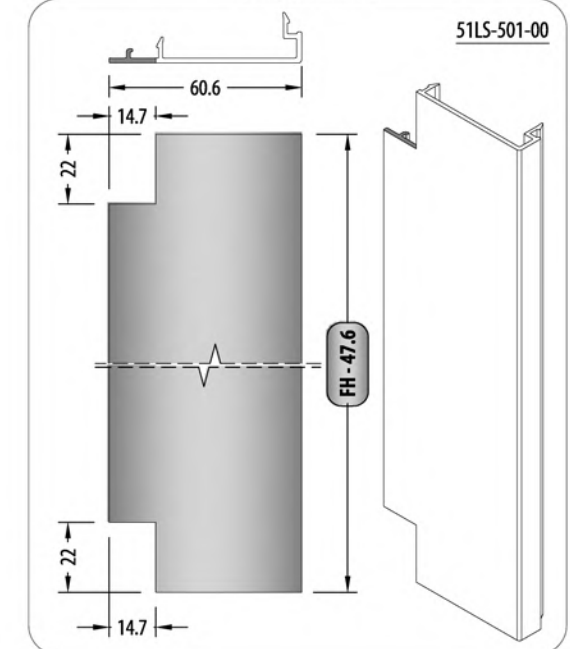
CUTTING AND HOLES
KESİM VE DELİK



*** OPSİYONEL REINFORCE PART**
OPSİYONEL GÜÇLENDİRME PARÇASI

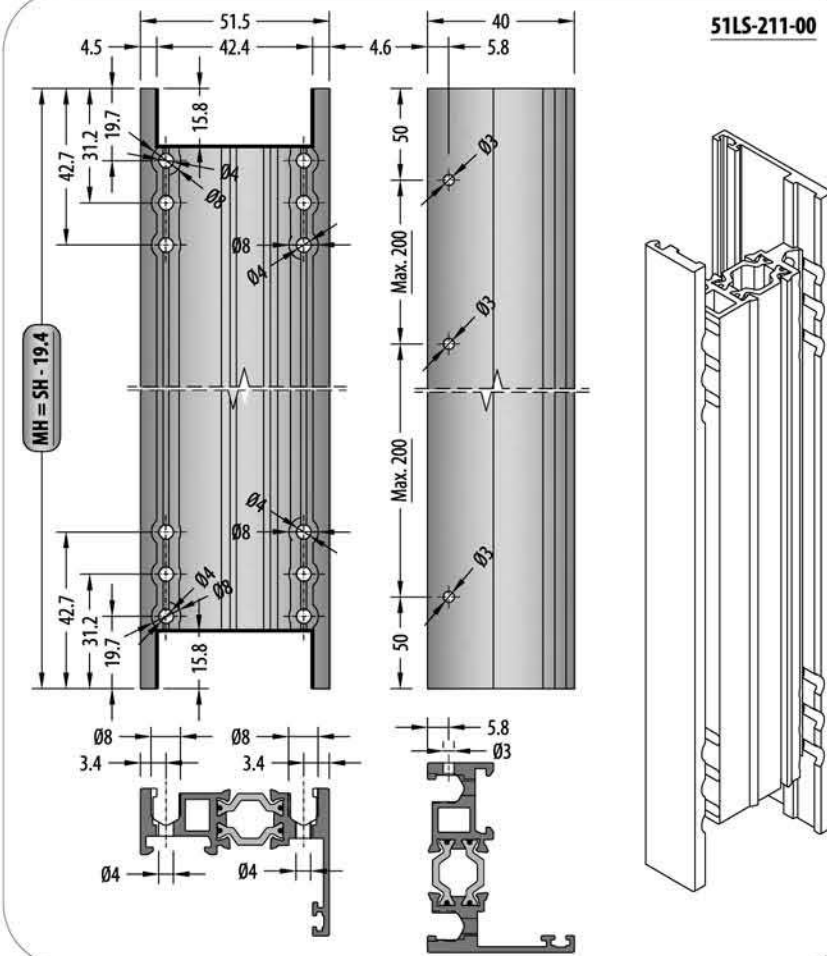


NOCH / KERTME

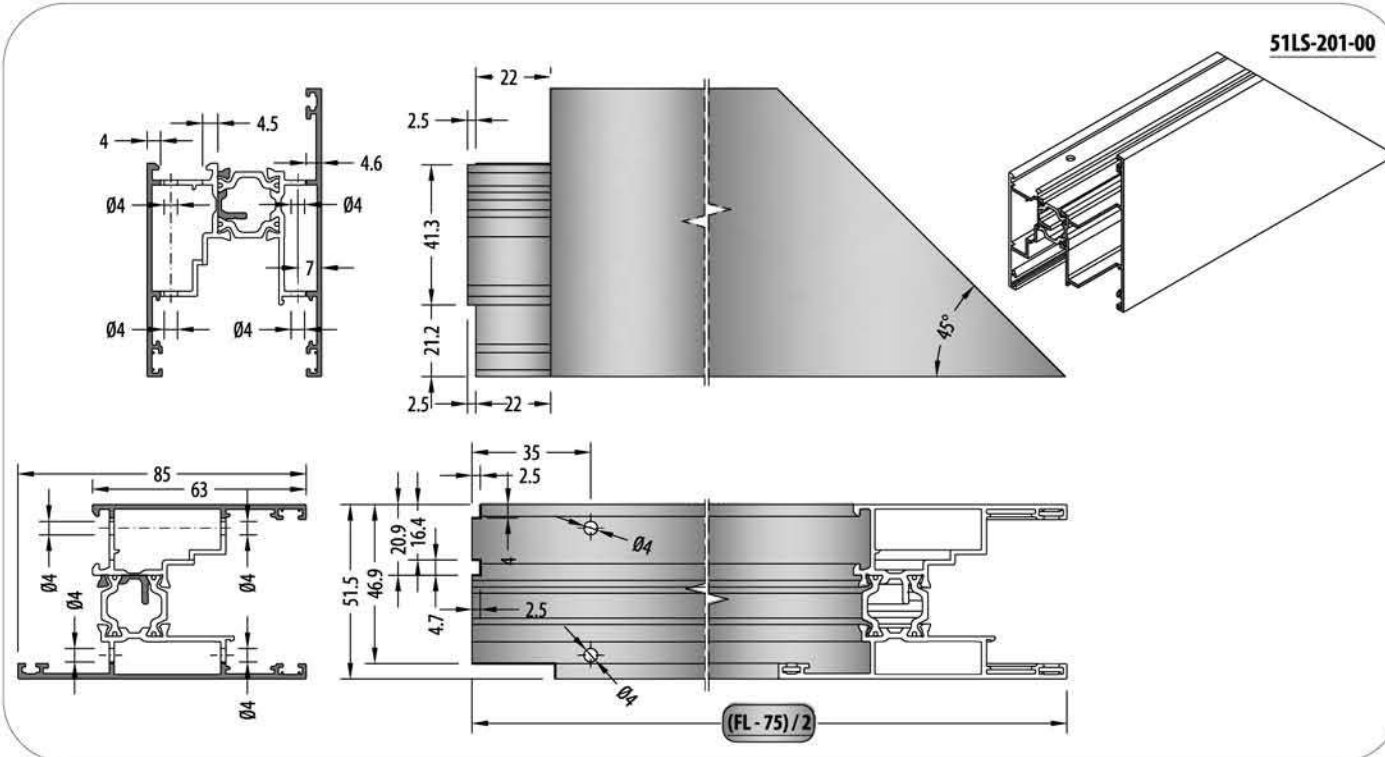


S = SILICONE / SİLİKON
ES = EPDM BOND / EPDM YAPIŞTIRICI
BS = BOND AND SEAL / YAPIŞTIRICI VE SIZDIRMAZ

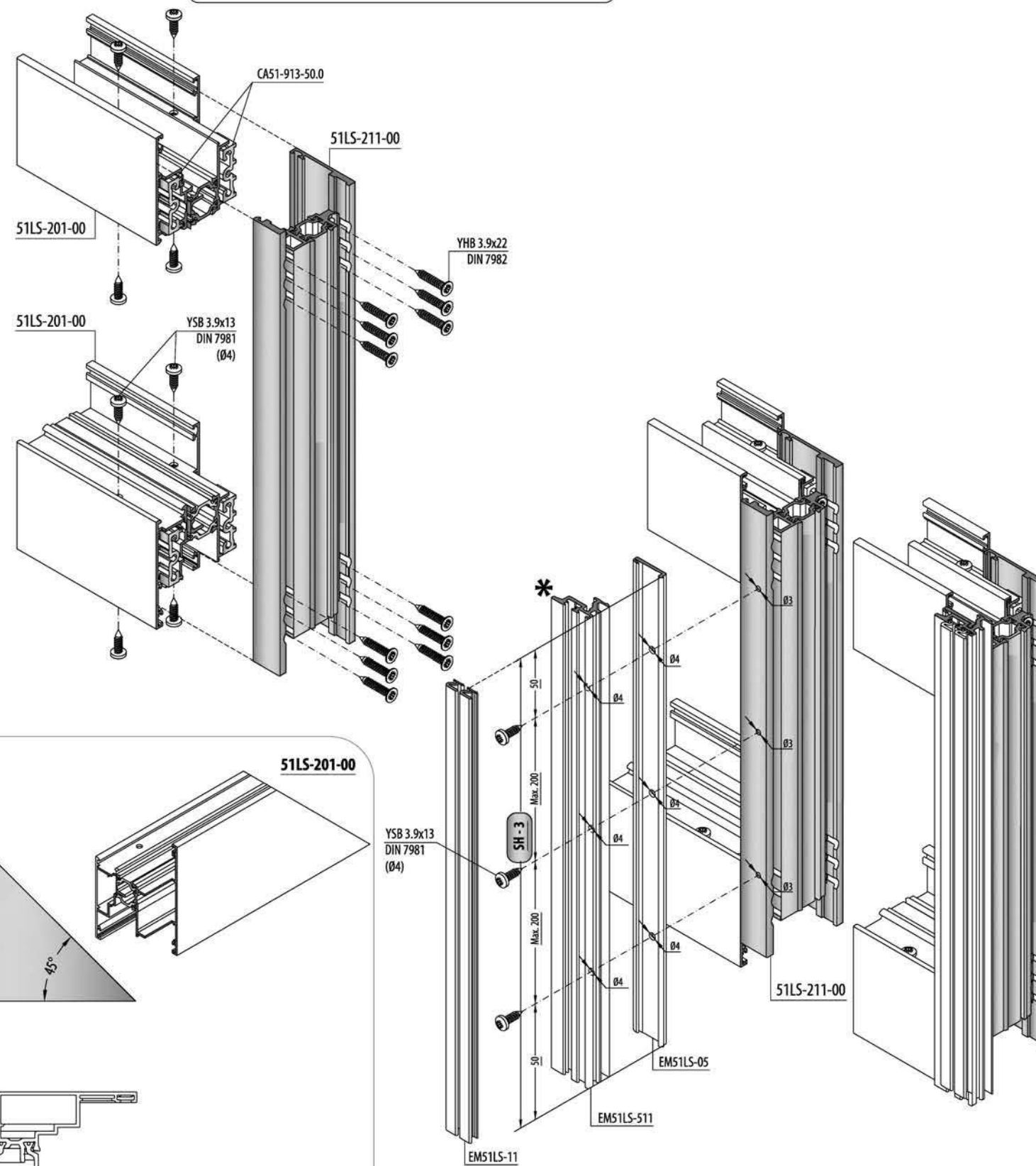
NOTCH / KERTME



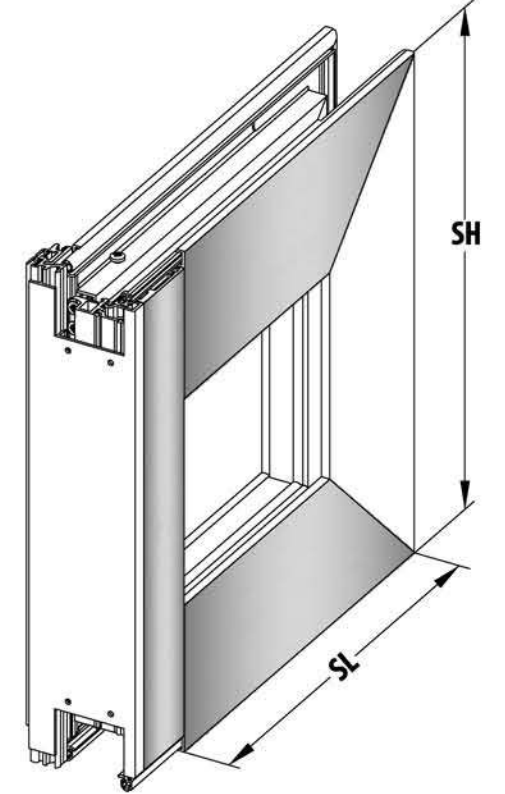
HOLES / DELİK DELME



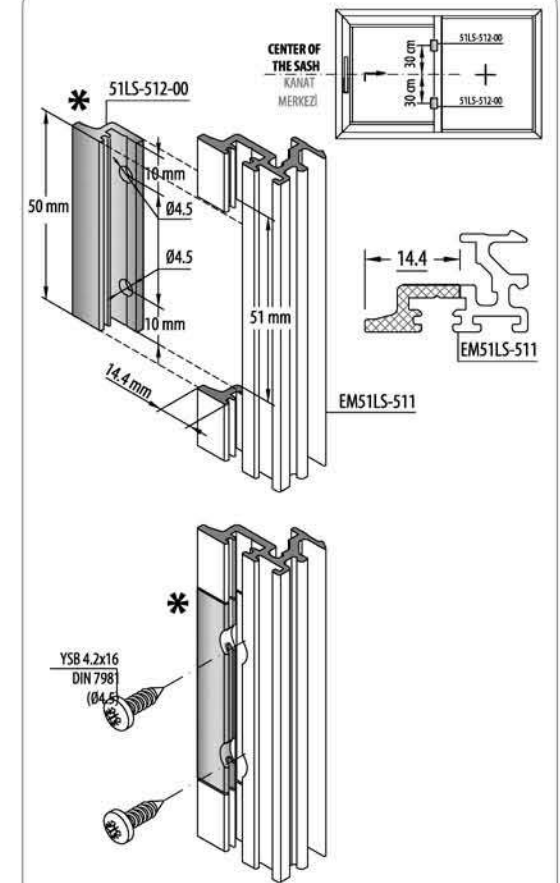
NARROW CLAMP PROFILE ASSEMBLY / DAR KENET PROFİL MONTAJI



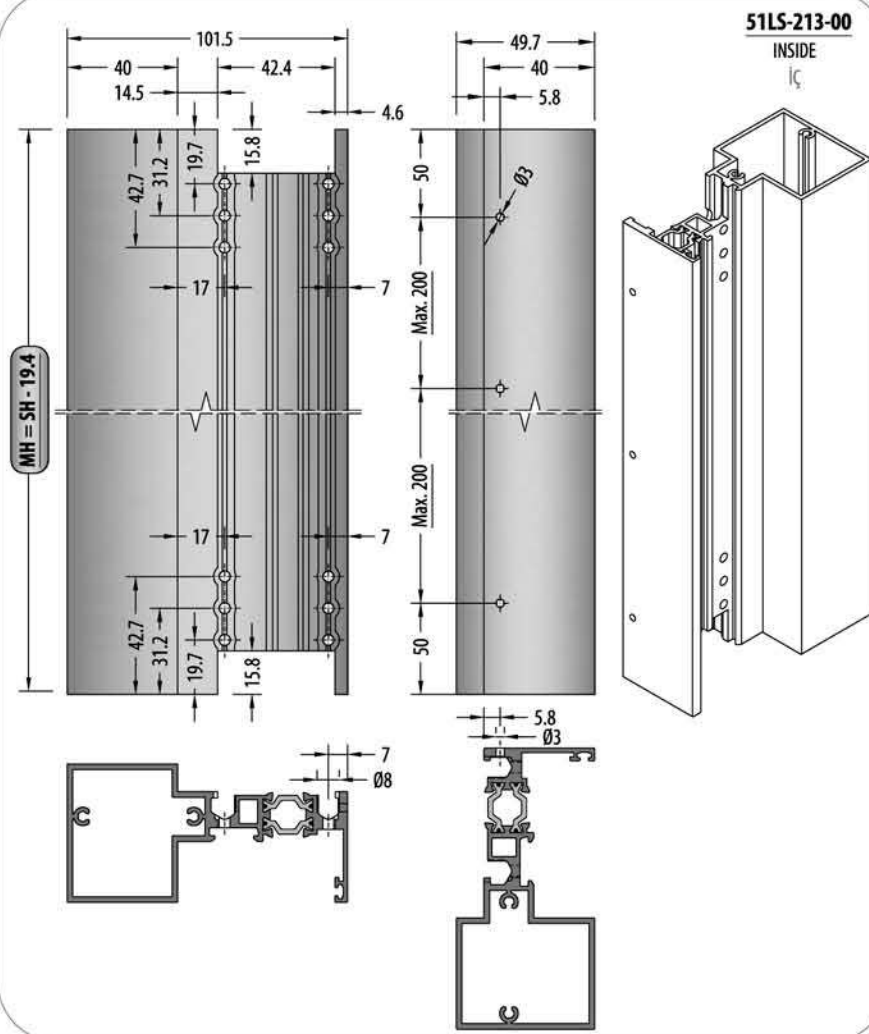
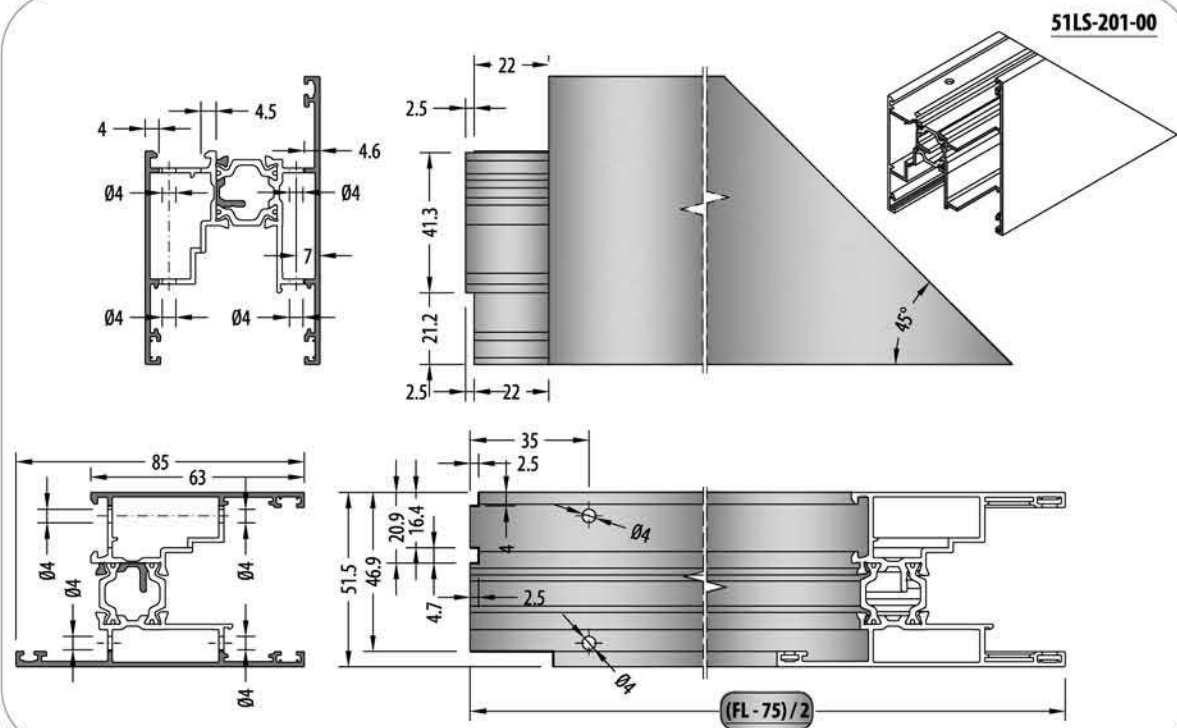
Narrow Clamp / Dar Kenet



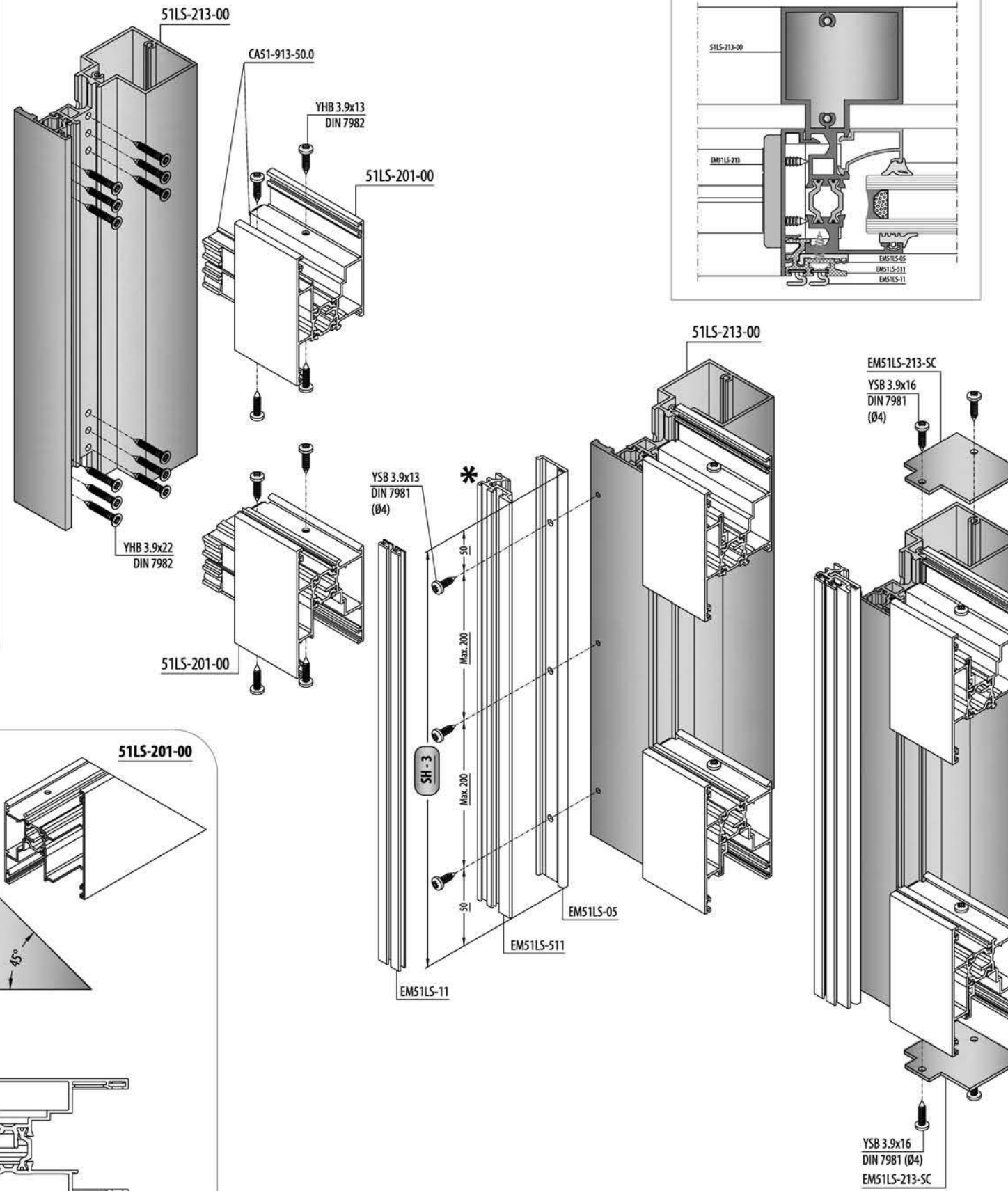
* OPSİYONEL REINFORCE PART
OPSİYONEL GÜÇLENDİRME PARÇASI



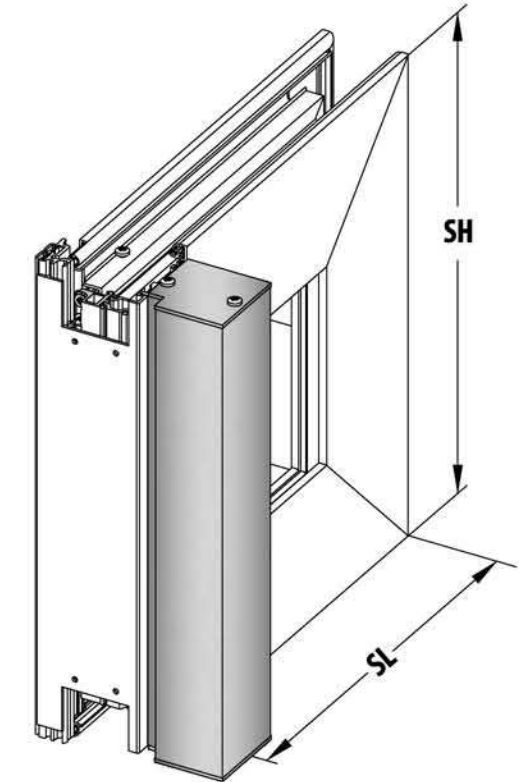
NOTCH / KERTME

**HOLES / DELİK DELME**

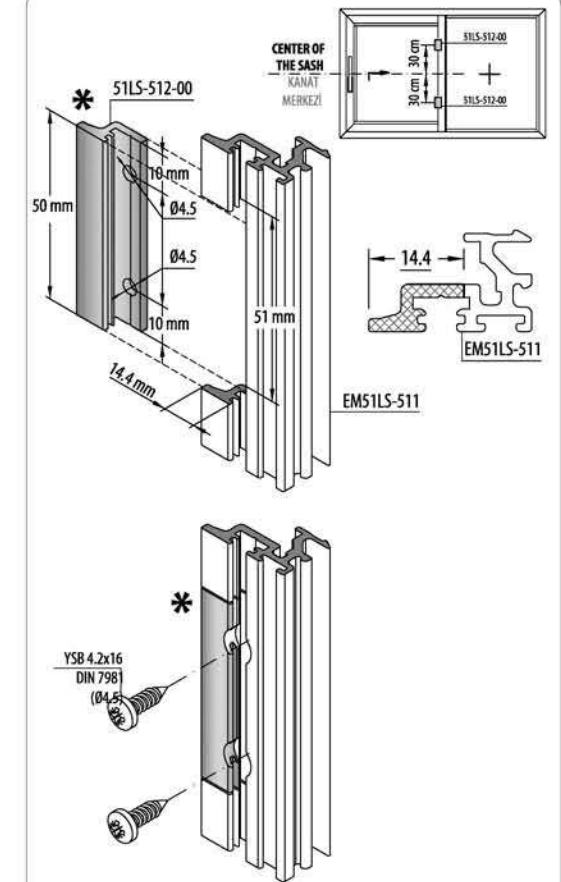
NARROW CLAMP PROFILE ASSEMBLY / DAR KENET PROFİL MONTAJI



Narrow Clamp / Dar Kenet



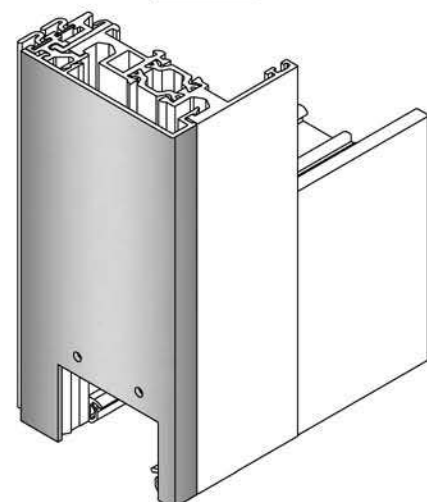
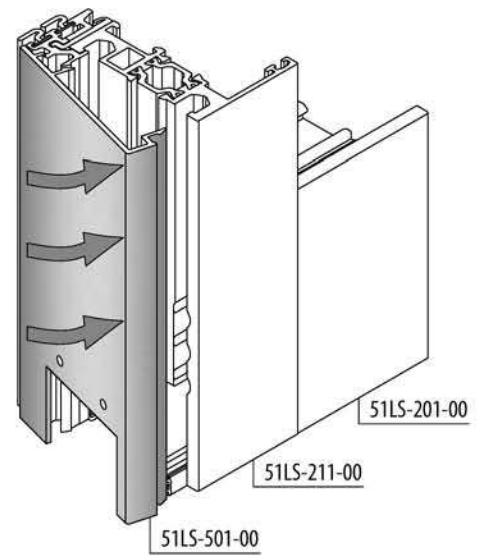
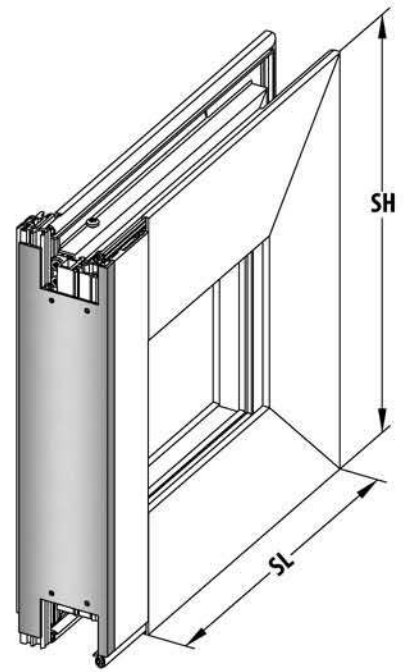
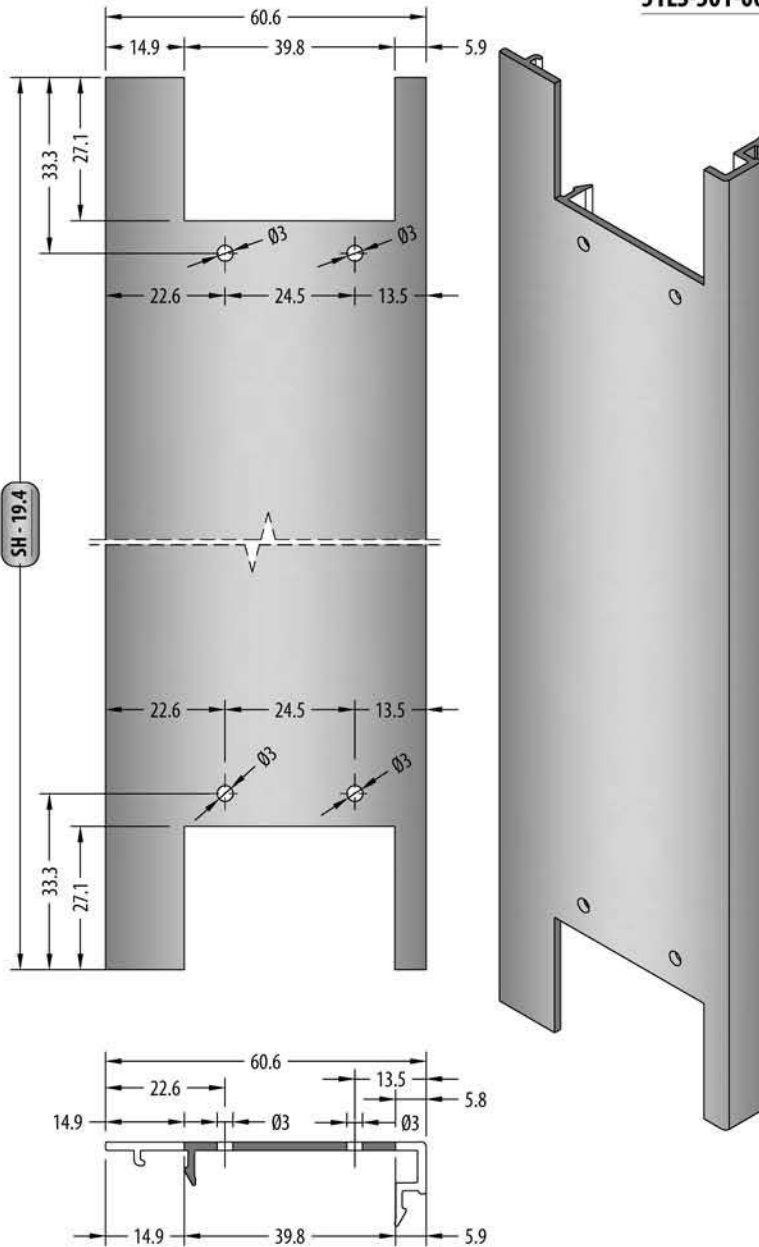
*** OPSİYONEL REINFORCE PART**
OPSİYONEL GÜÇLENDİRME PARÇASI



CAP ASSEMBLY / KAPAK MONTAJI

NOTCH / KERTME

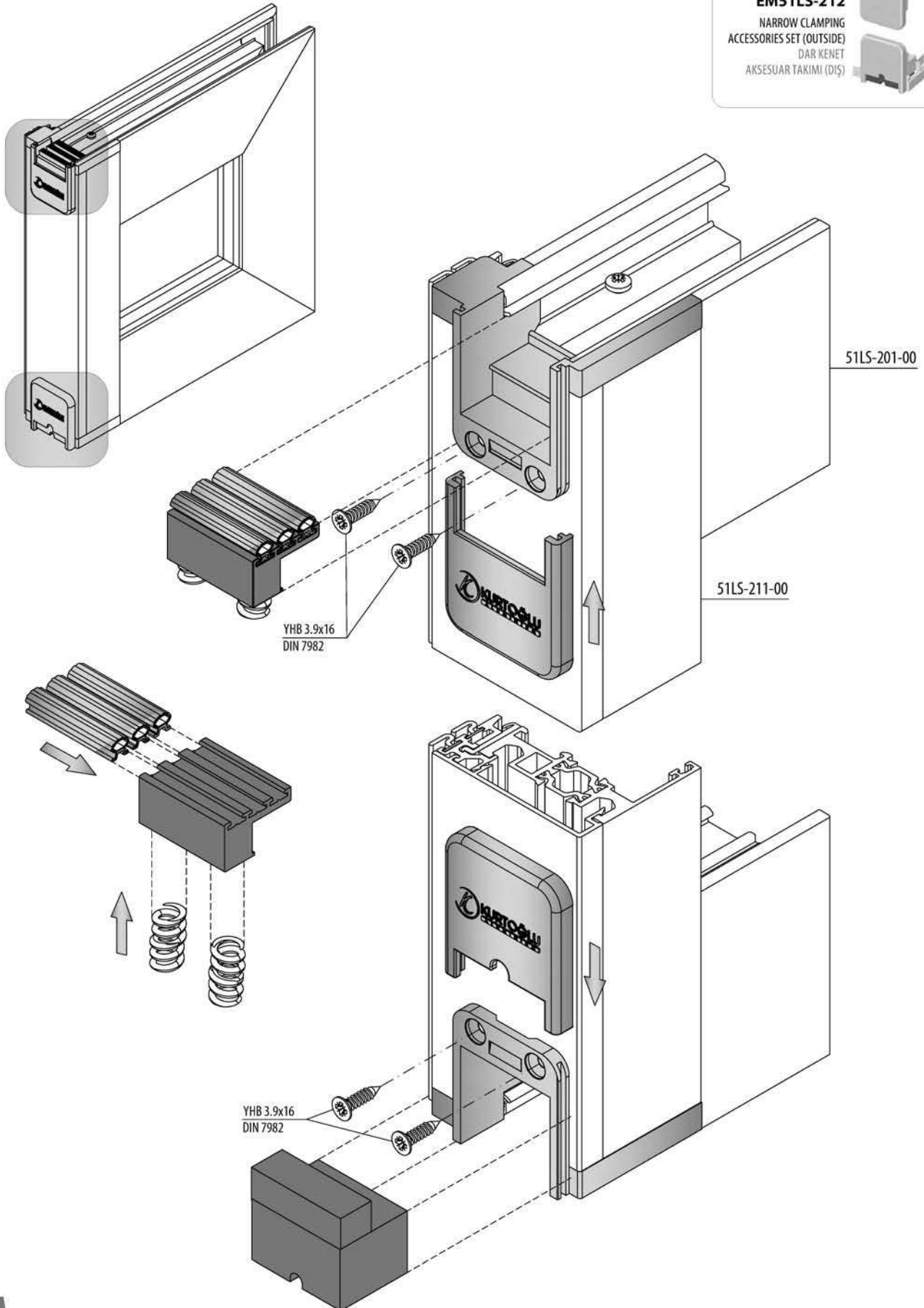
51LS-501-00

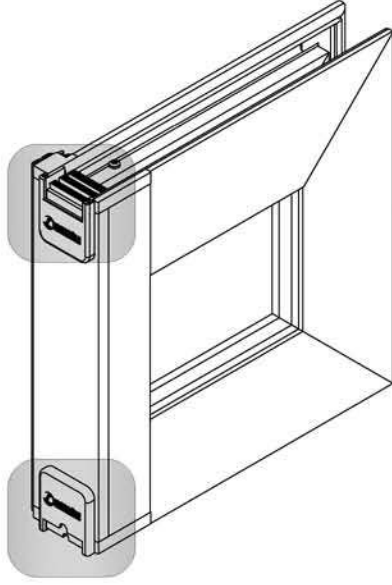


CLAMPING CAP ASSEMBLY / KENET KAPAK MONTAJI

EM51LS-212

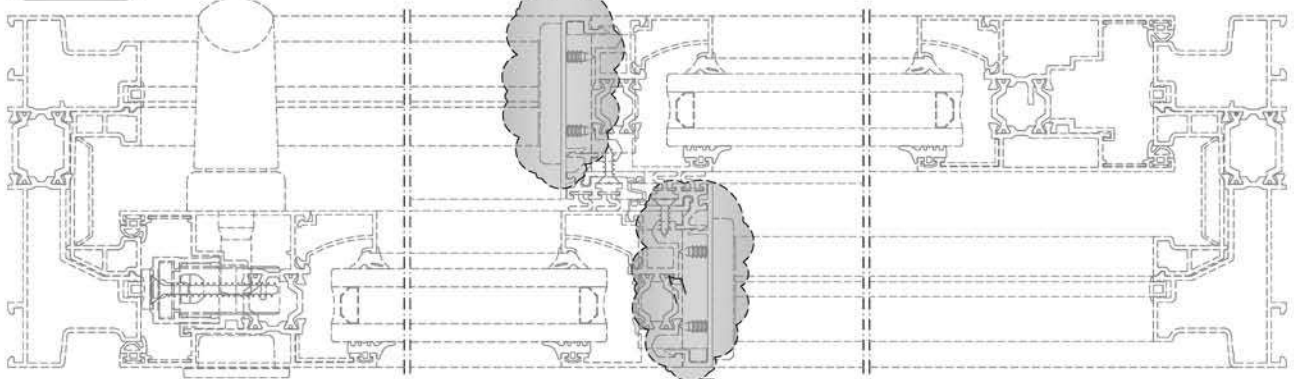
NARROW CLAMPING
ACCESSORIES SET (OUTSIDE)
DAR KENET
AKSESUAR TAKIMI (DIŞ)





NARROW CLAMPING ACCESSORIES USE
DAR KENET AKSESUAR KULLANIMI

INSIDE / İÇ



OUTSIDE / DIŞ

EM51LS-213
NARROW CLAMPING
ACCESSORIES SET (INSIDE)
DAR KENET
AKSESUAR TAKIMI (İÇ)

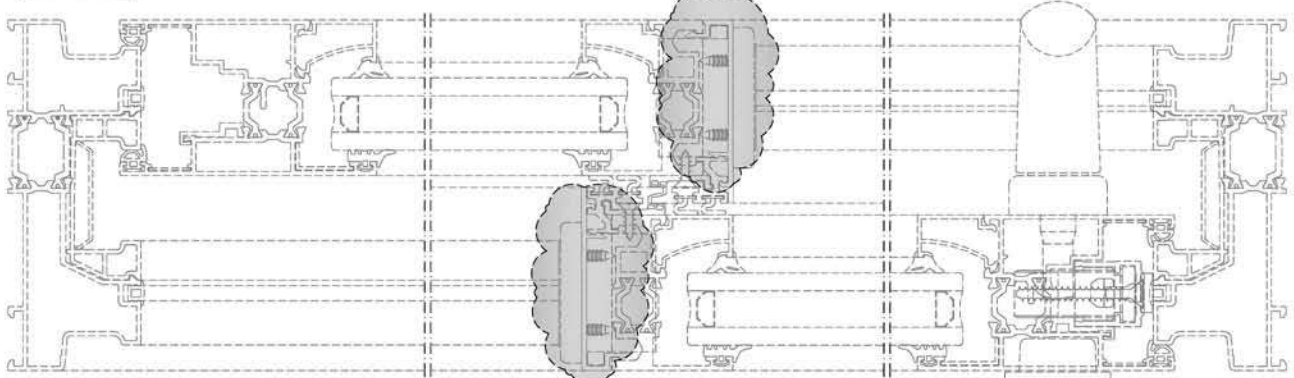


EM51LS-212

NARROW CLAMPING
ACCESSORIES SET (OUTSIDE)
DAR KENET
AKSESUAR TAKIMI (DIŞ)



INSIDE / İÇ

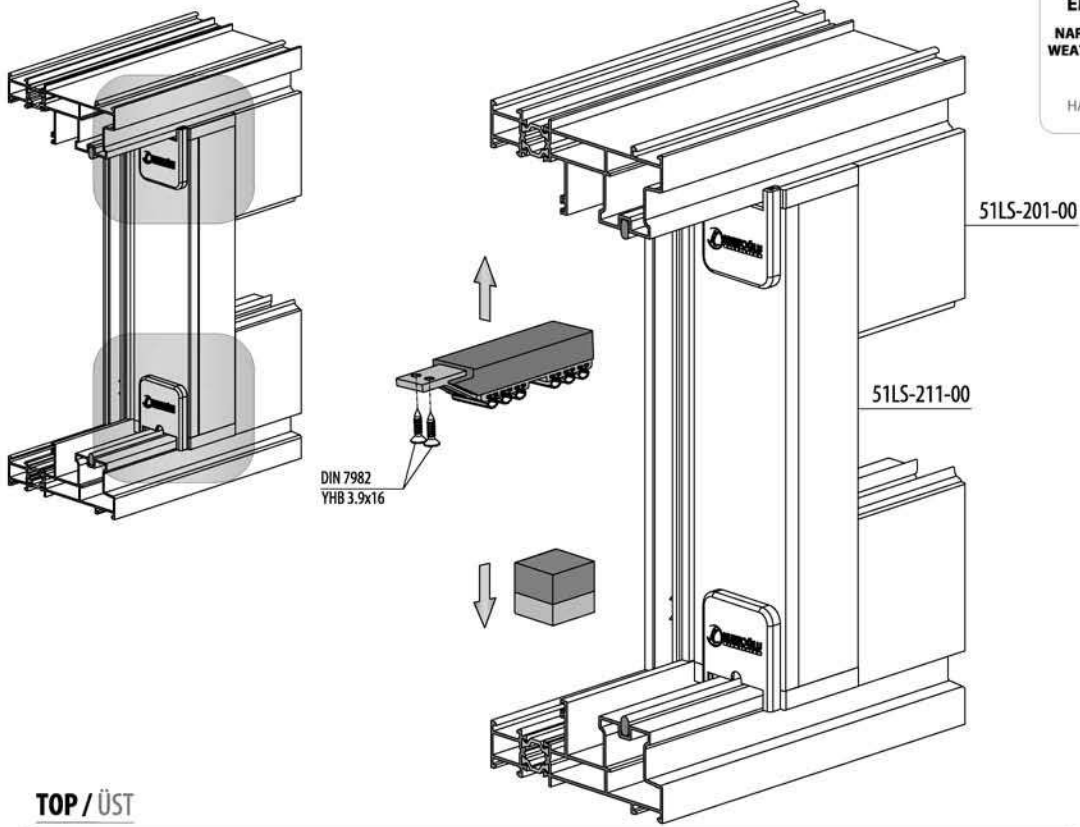


OUTSIDE / DIŞ

EM51LS-212
NARROW CLAMPING
ACCESSORIES SET (OUTSIDE)
DAR KENET
AKSESUAR TAKIMI (DIŞ)



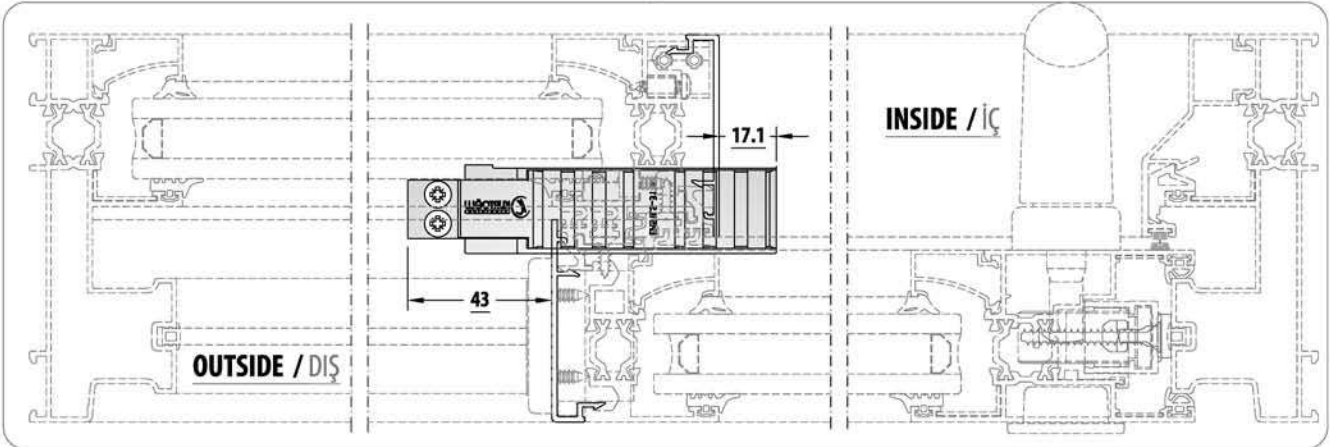
WEATHER STRIP MONTAGE / HAVA KESİCİ MONTAJI



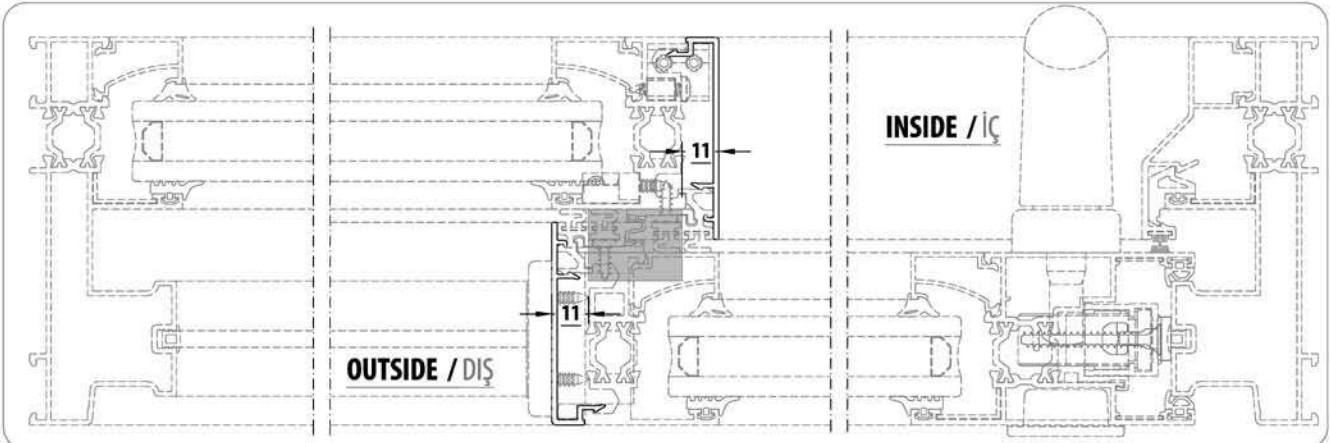
EM51LS-31DK
NARROW CLAMPING
WEATHER STRIP SET
 SABİTLİ KASA
 DARKENET
 HAVA KESİCİ TAKIMI



TOP / ÜST

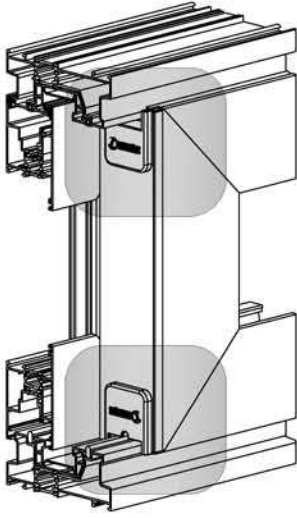
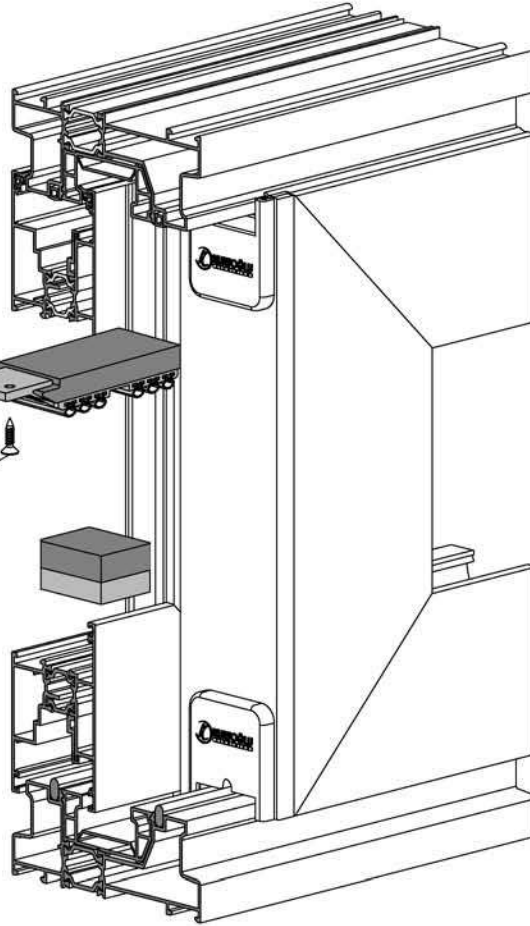


BOTTOM / ALT



MONTAGE DIMENSION / MONTAJ ÖLÇÜLERİ

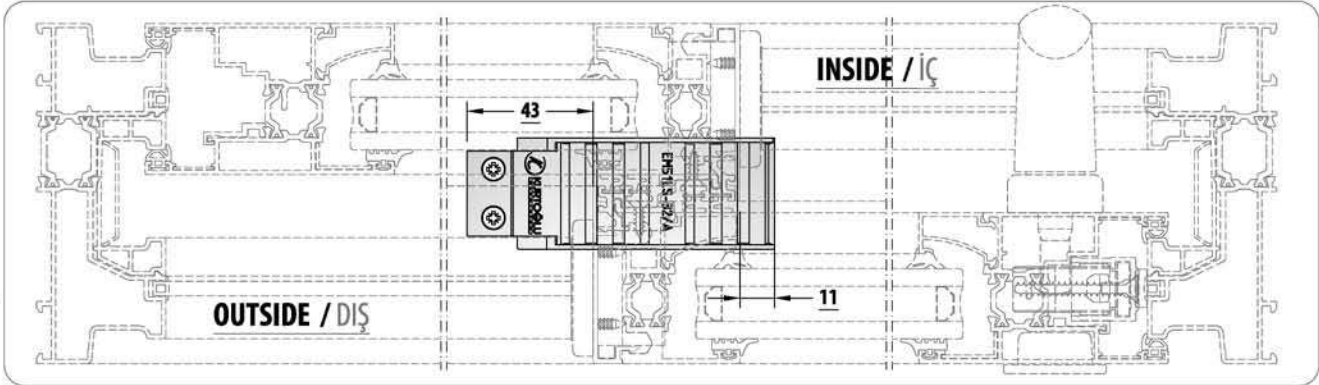
WEATHER STRIP MONTAGE / HAVA KESİCİ MONTAJI

DIN 7982
YHB 3.9x16

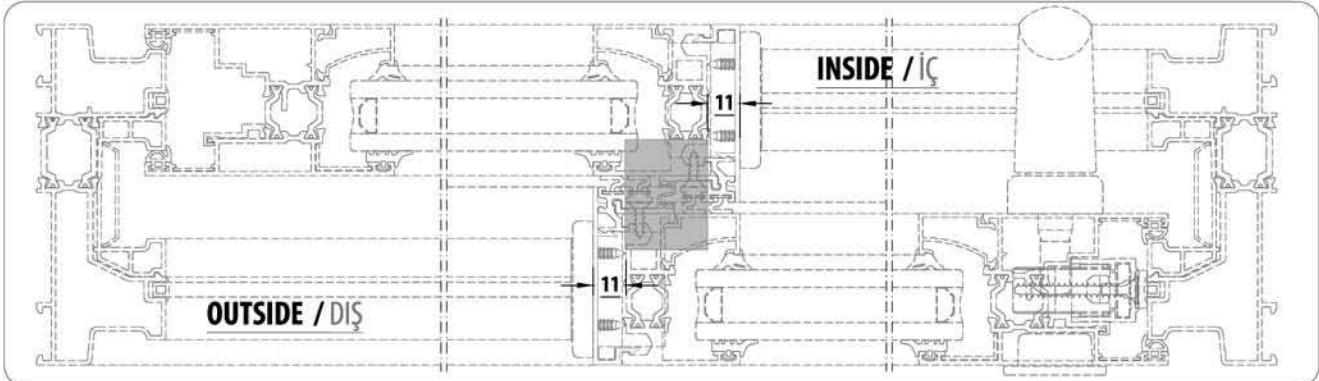
51LS-201-00

EM51LS-32DK
WEATHER STRIP SET
2'LI KASA
HAVA KESİCİ TAKIMI

TOP / ÜST

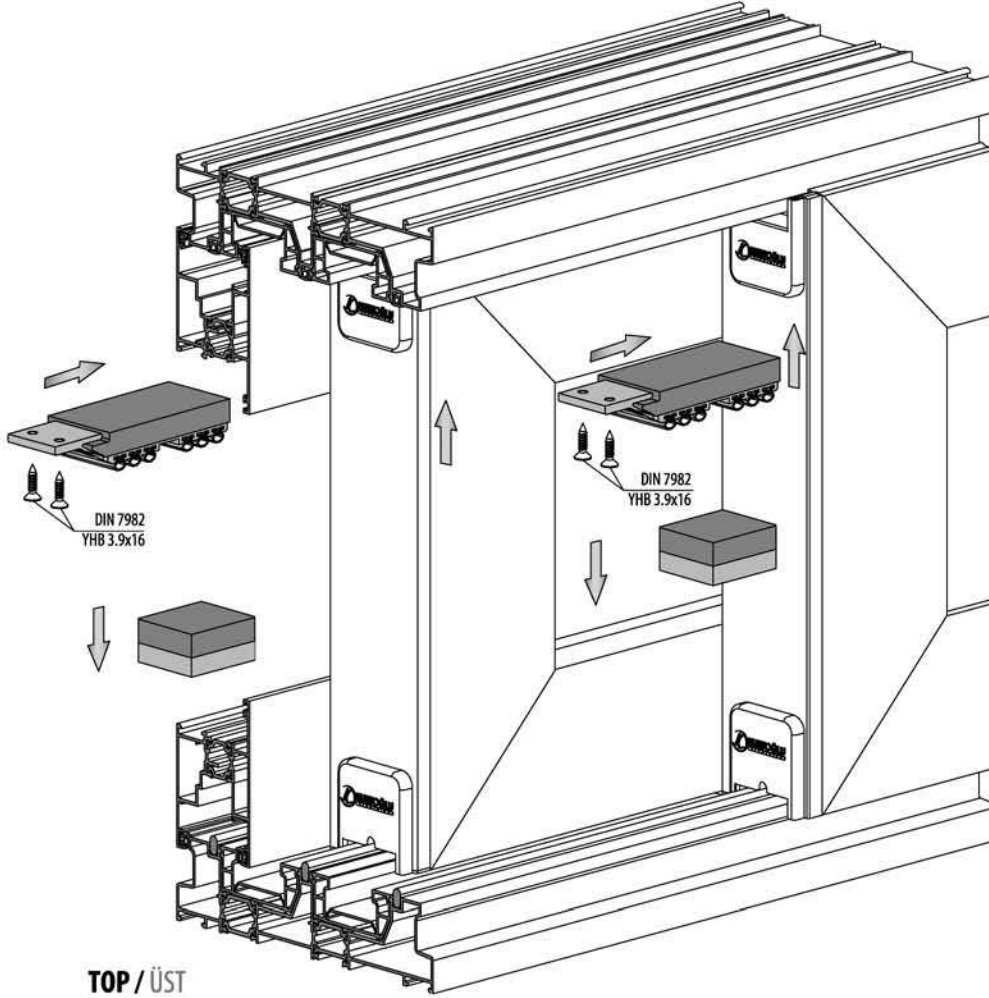


BOTTOM / ALT

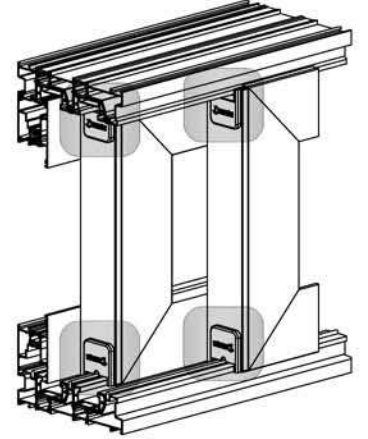


MONTAGE DIMENSION / MONTAJ ÖLÇÜLERİ

WEATHER STRIP MONTAGE / HAVA KESİCİ MONTAJI

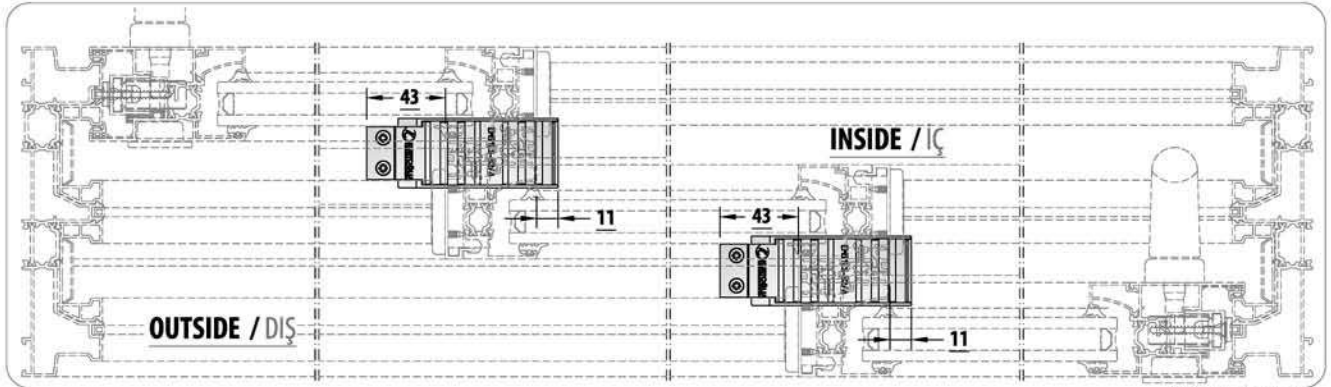


EM51LS-32DK
WEATHER STRIP SET
2'LI KASA
HAVA KESİCİ TAKIMI

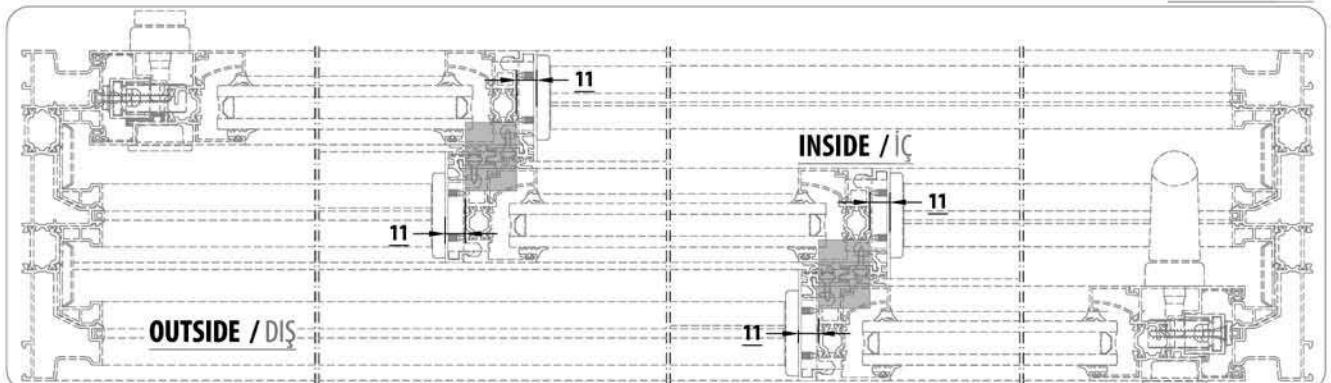


51LS-201-00

TOP / ÜST



BOTTOM / ALT



MONTAGE DIMENSION / MONTAJ ÖLÇÜLERİ

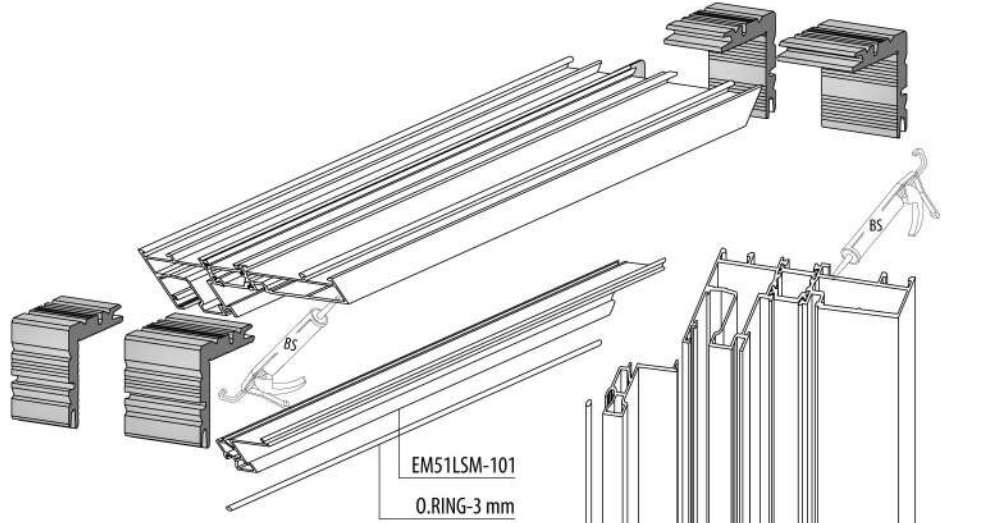
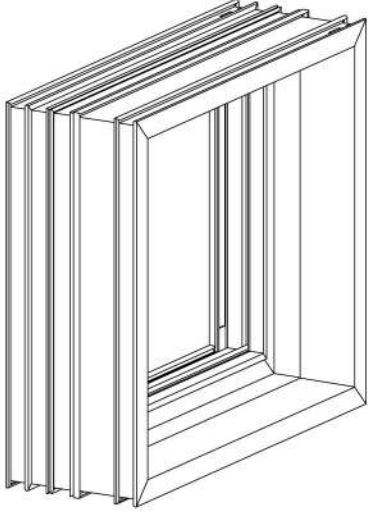
511SM

STANDARD CLAMP / STANDART KENET

ASSEMBLY DETAILS / MONTAJ DETAYLARI
LIFT & SLIDE / KALDIR SÜR

FRAME ASSEMBLY / KASA UYGULAMA
PRESS CORNER JOINT / PRES KÖŞE BAĞLANTI

51LSM-101-00

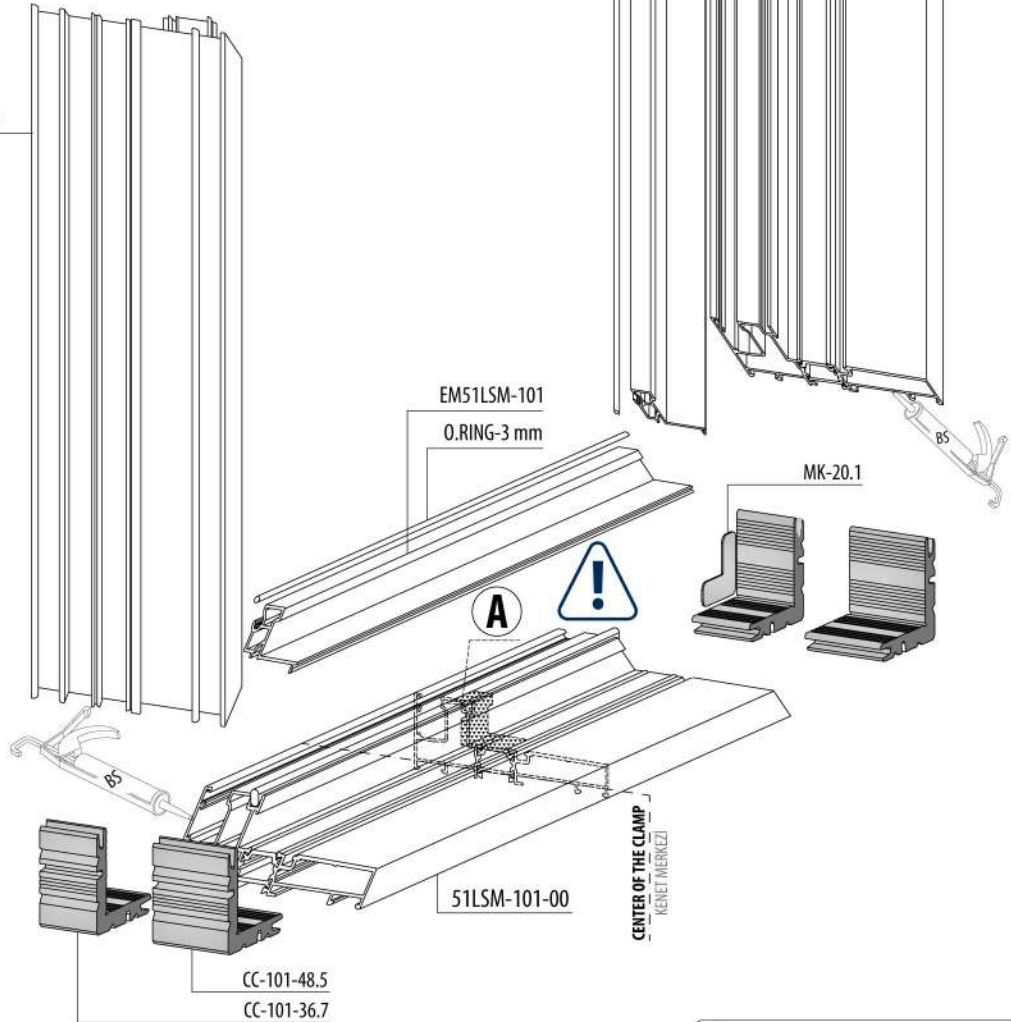
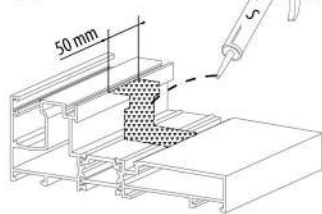


51LSM-101-00

Before installing the EM51LSM-101 Plastic profile, the space between the frame and the plastic profile must be insulated with silicone.

EM51-101 Plastik profil montajından önce, kasa ile plastik profil arası silikon ile izole edilmelidir.

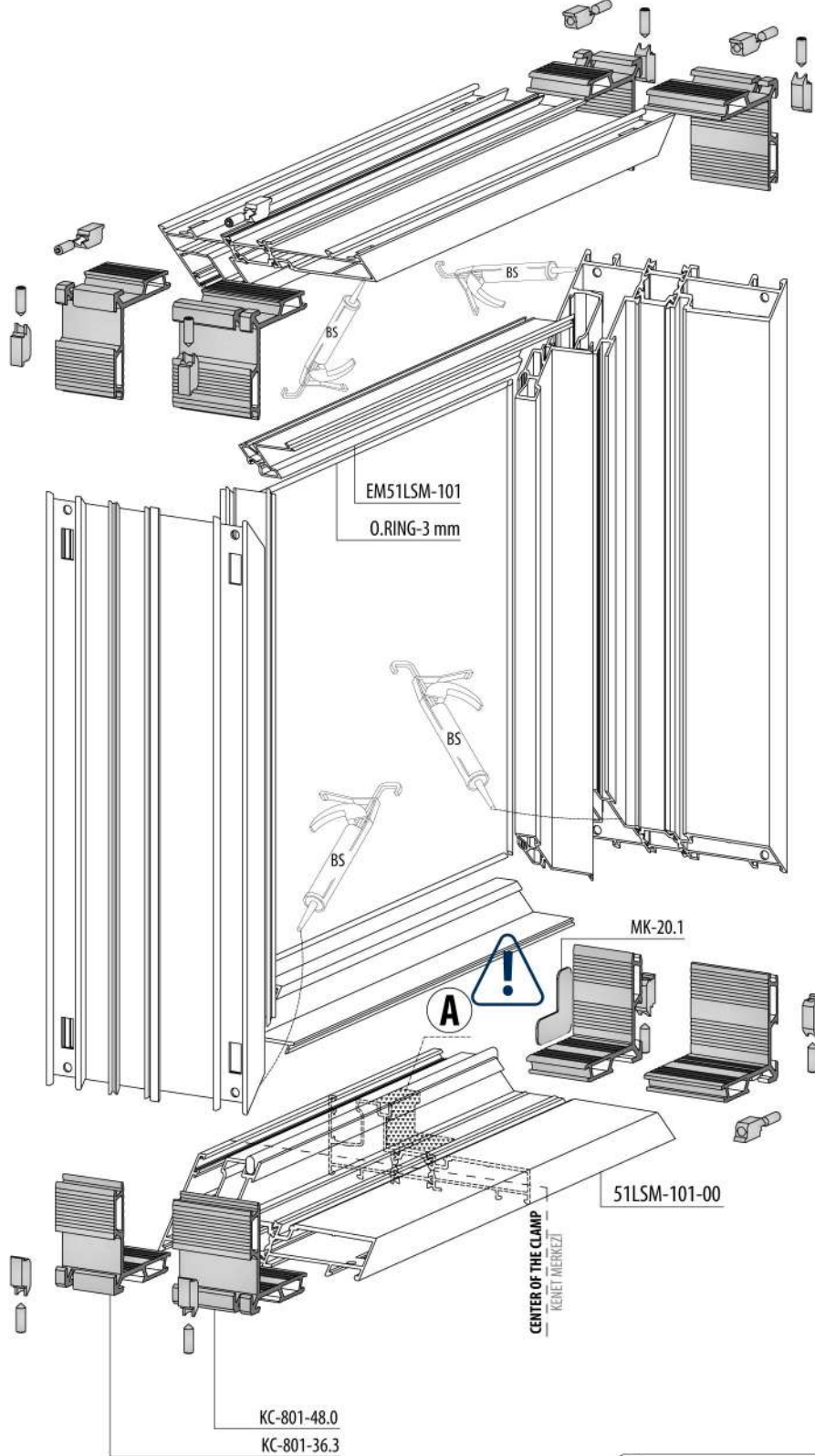
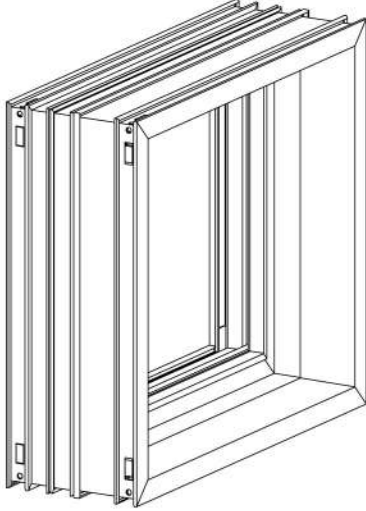
A FILLING WITH SILICONE
SİLİKON İLE DOLDUR



S = SILICONE SİLİKON
ES = EPDM BOND / EPDM YAPIŞTICI
BS = BOND AND SEAL / YAPIŞTIRICI VE SIZDIRMAZ

FRAME ASSEMBLY / KASA UYGULAMA
MECHANICAL CORNER JOINT / MEKANİK KÖŞE BAĞLANTI

51LSM-101-00



Before installing the EM51LSM-101 Plastic profile, the space between the frame and the plastic profile must be insulated with silicone.

EM51-101 Plastik profil montajından önce, kasa ile plastik profil arası silikon ile izole edilmelidir.

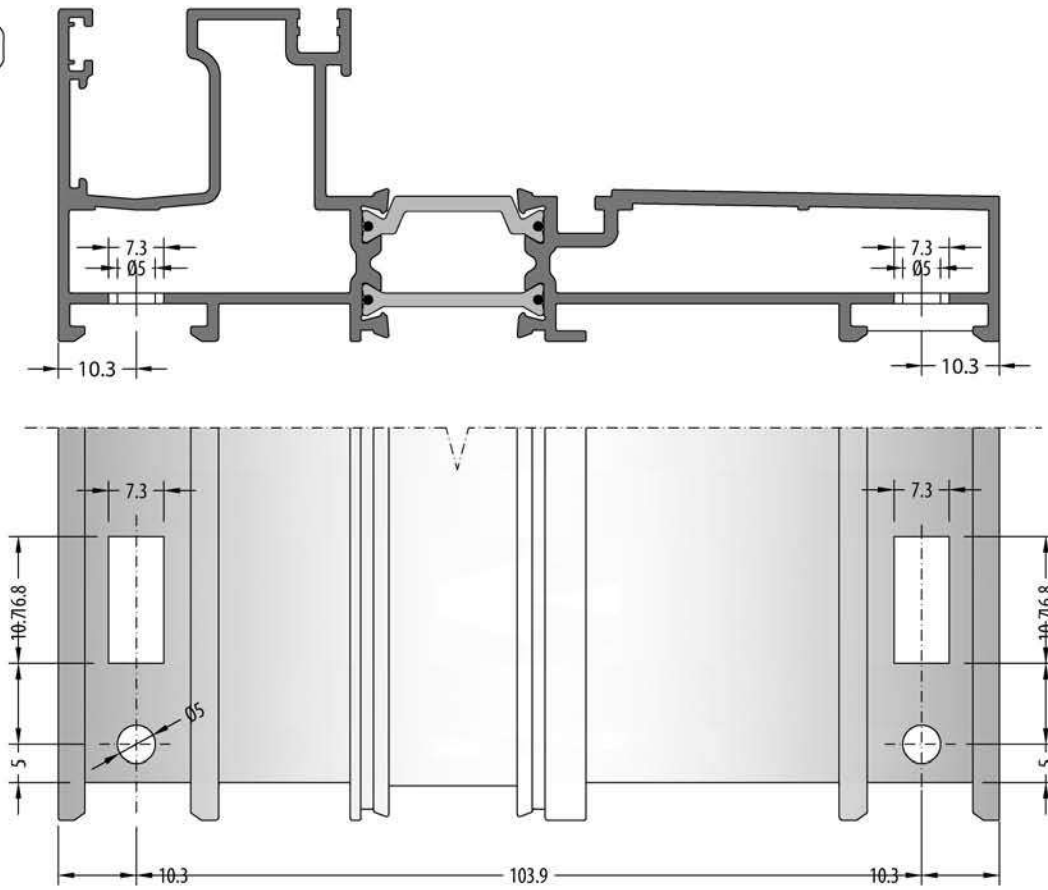


S = SILICONE SİLİKON
ES = EPDM BOND / EPDM YAPIŞTIRICI
BS = BOND AND SEAL / YAPIŞTIRICI VE SIZDIRMAZ

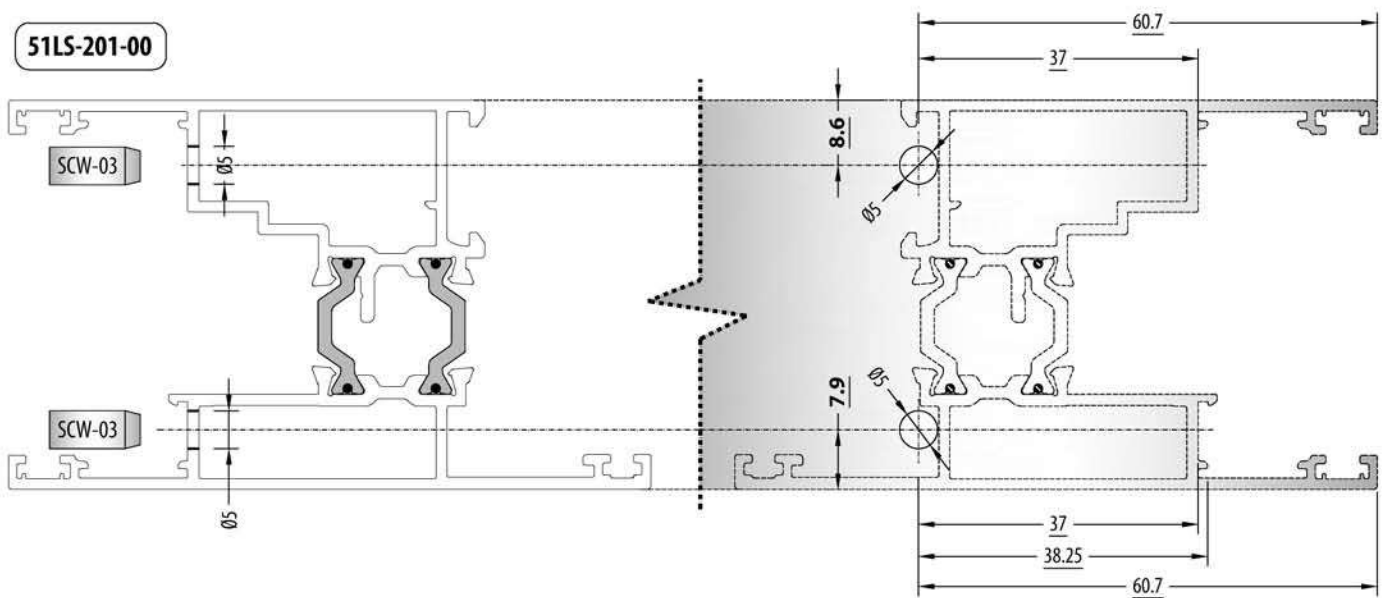
SASH ON INSIDE / KANAT İÇTE

MECHANICAL CORNER JOINT HOLES DIEMENSION
 MEKANİK KÖŞE BAĞLANTI DELİK ÖLÇÜLERİ

51LSM-101-00

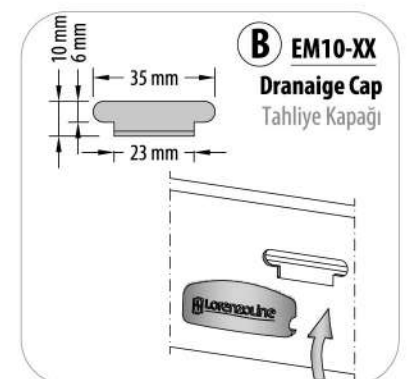
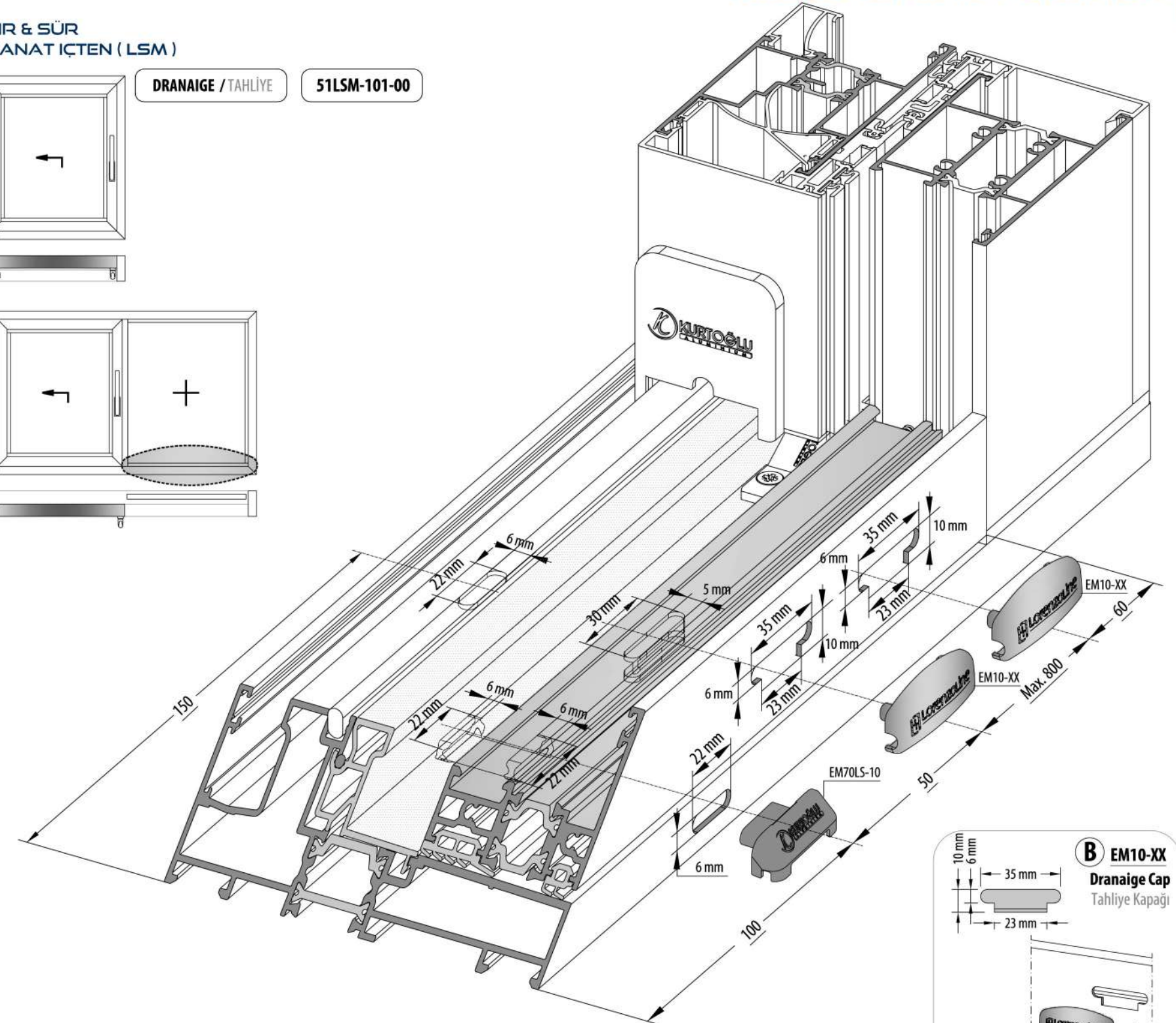
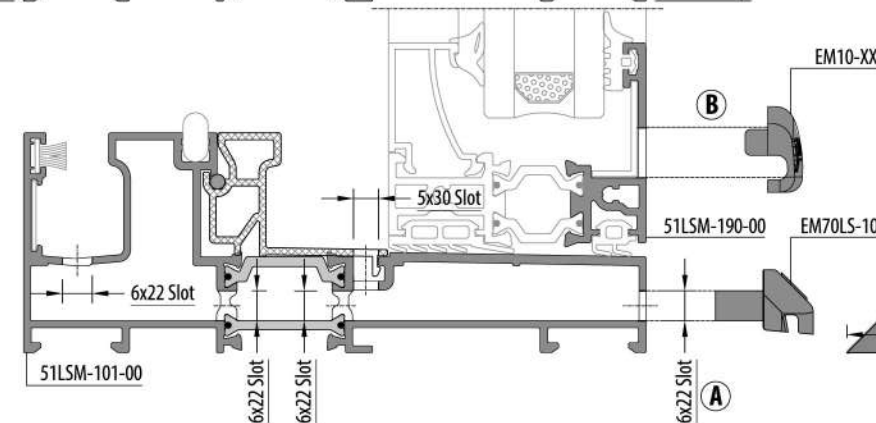
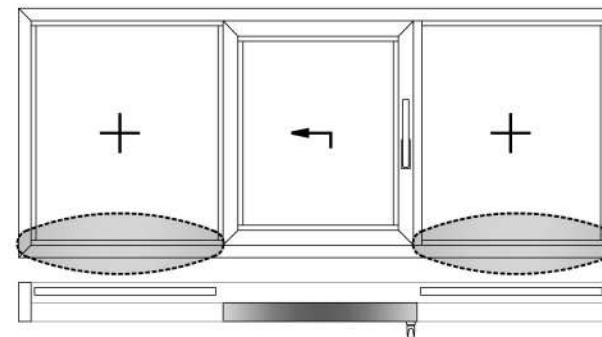


51LS-201-00



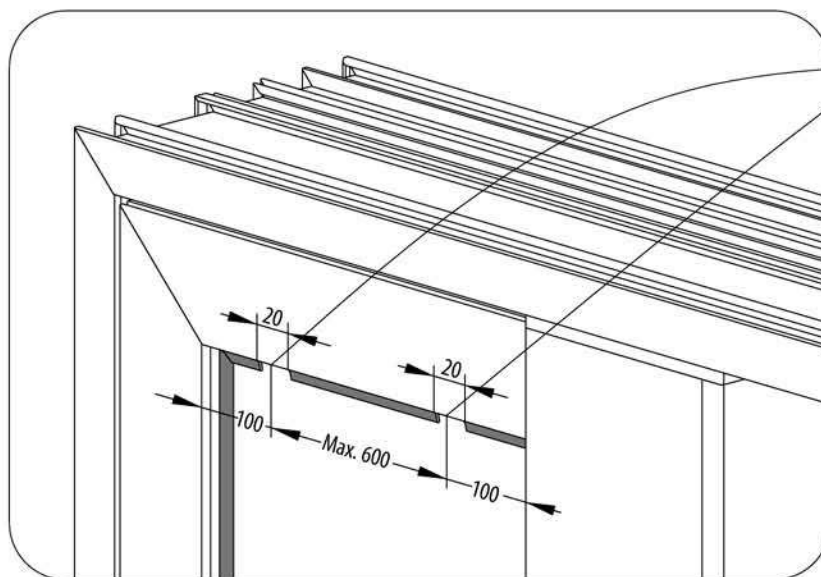
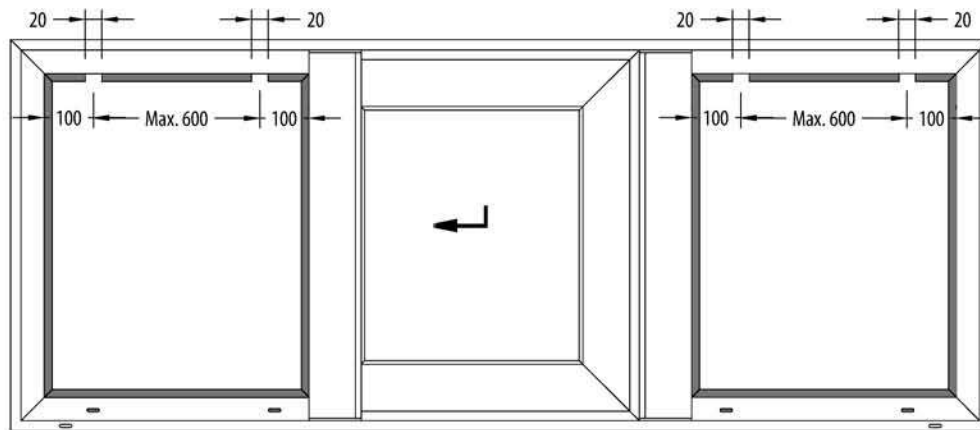
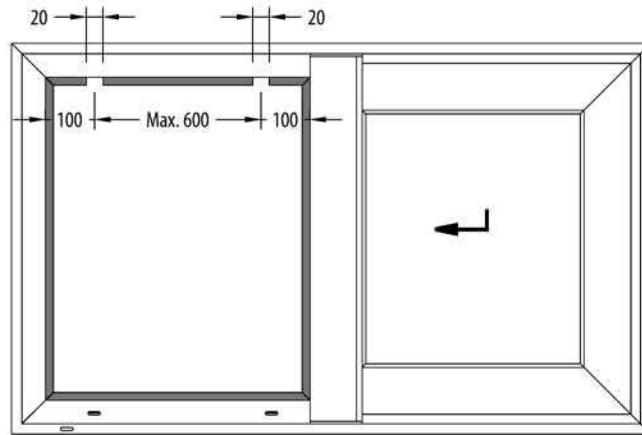
DRANAIGE / TAHLİYE

51LSM-101-00



SASH ON INSIDE / KANAT İÇTE

PRESSURE EQUALIZER / BASINÇ DENGELİYİCİ

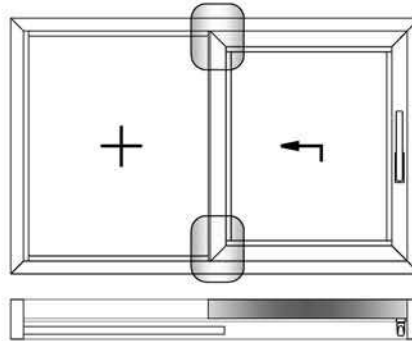


EM2-03



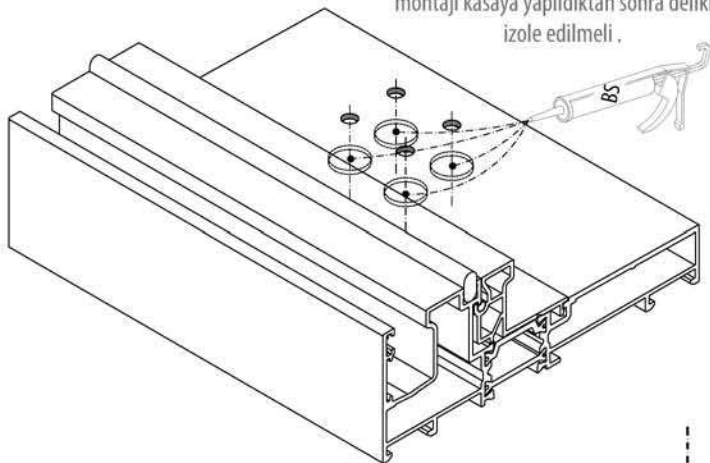
SASH ON INSIDE / KANAT İÇTE

FRAME MONTAGE HOLES / KASA MONTAJ DELİKLERİ

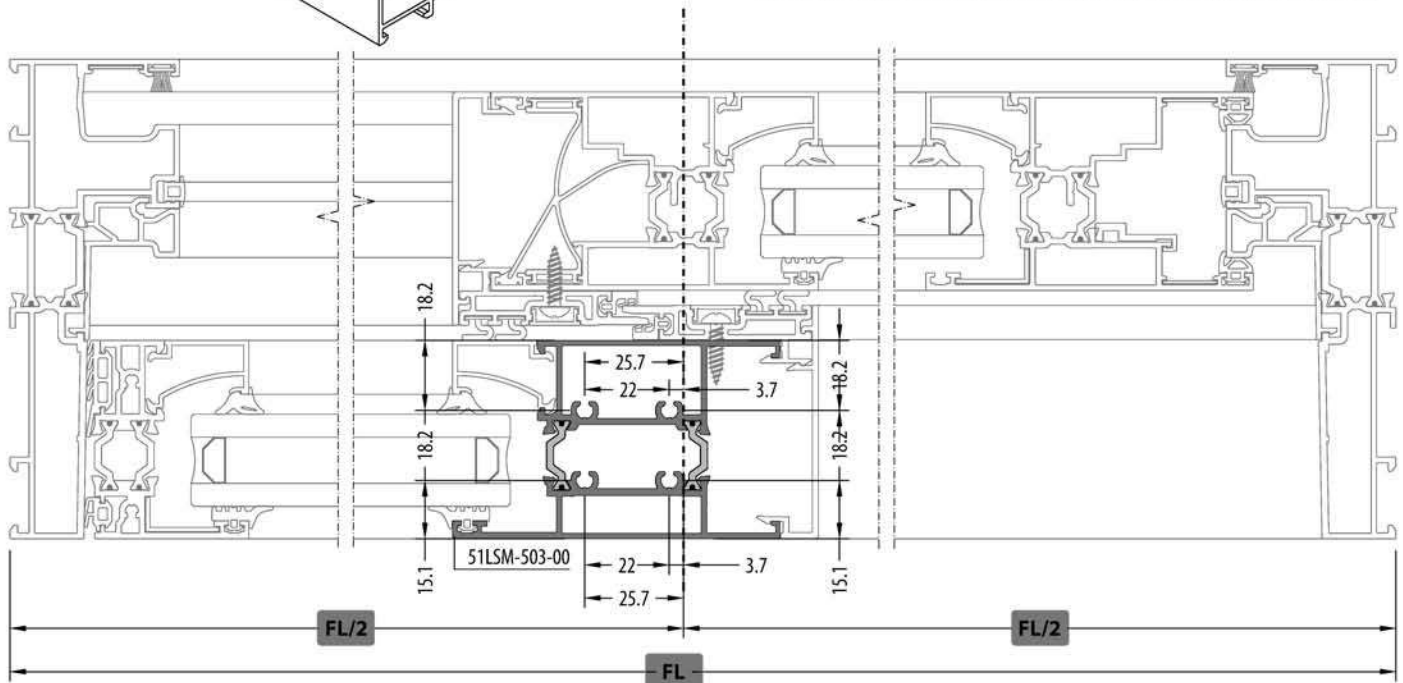
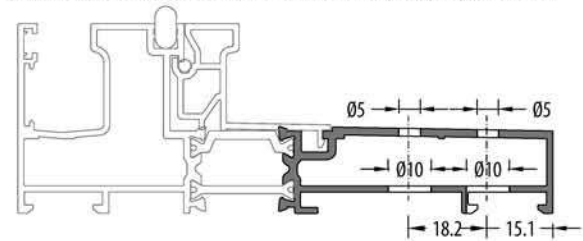
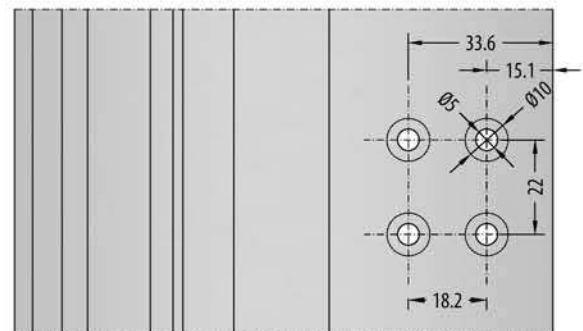


The holes must be isolated after 51LSM-503-00 and 51LS-190-00 module is assembled to the frame.

51LS-503-00 ve 51LS-190-00 modülünün montajı kasaya yapıldıktan sonra delikler izole edilmeli .

**HOLES / DELİK**

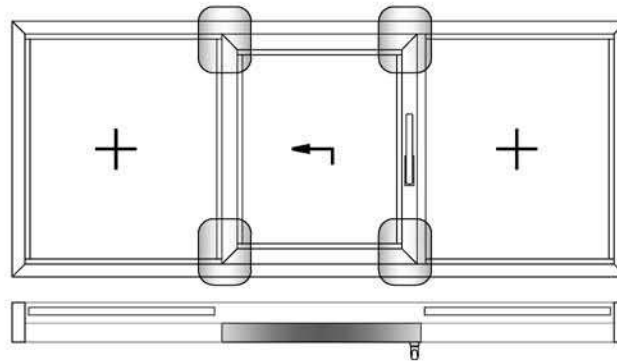
51LSM-101-00



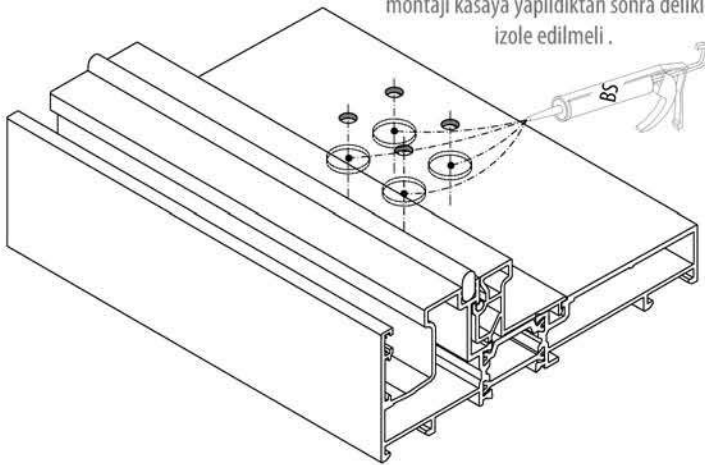
BS = BOND AND SEAL / YAPIŞTIRICI VE SIZDIRMAZ

SASH ON INSIDE / KANAT İÇTE

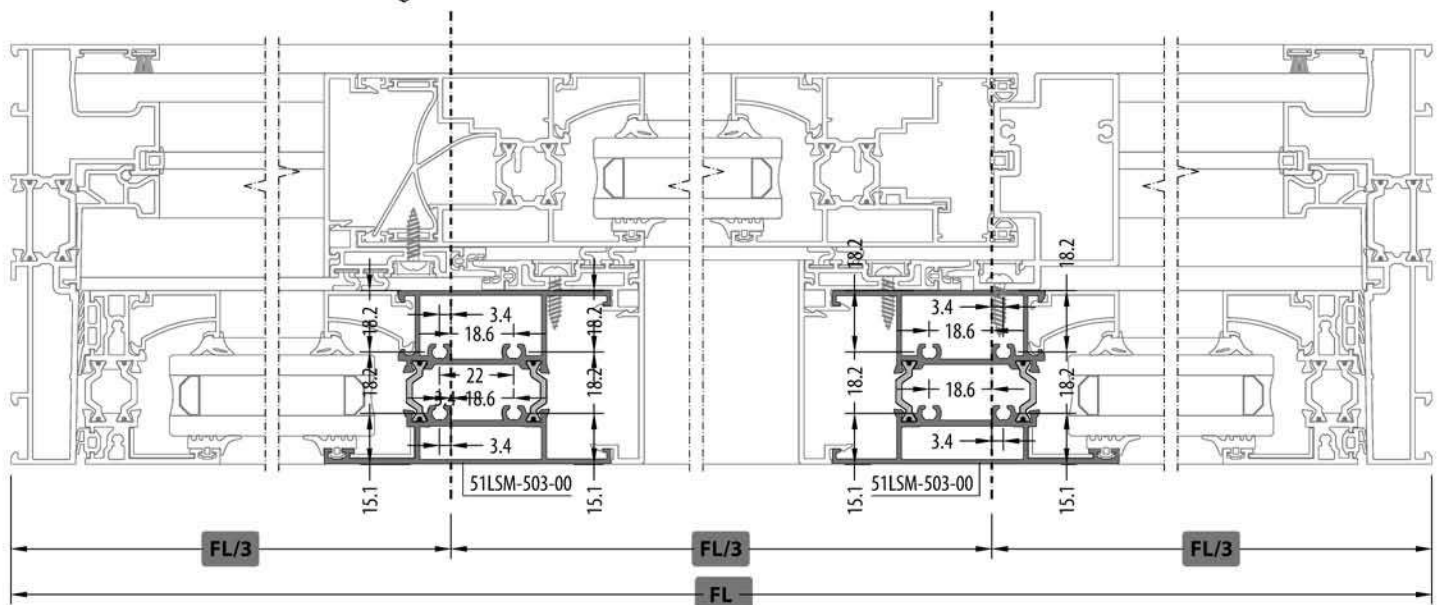
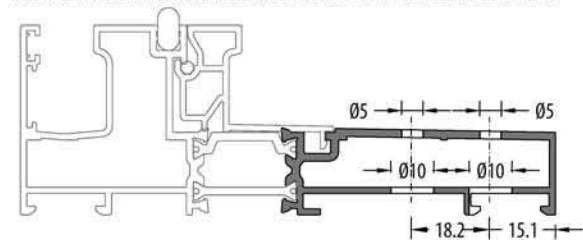
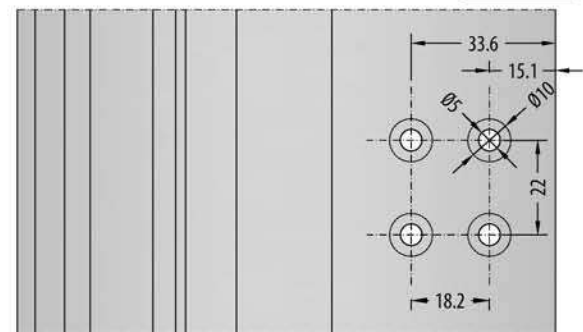
FRAME MONTAGE HOLES / KASA MONTAJ DELİKLERİ



The holes must be isolated after 51LSM-503-00 and 51LS-190-00 module is assembled to the frame.
51LS-503-00 ve 51LS-190-00 modülünün montajı kasaya yapıldıktan sonra delikler izole edilmeli.

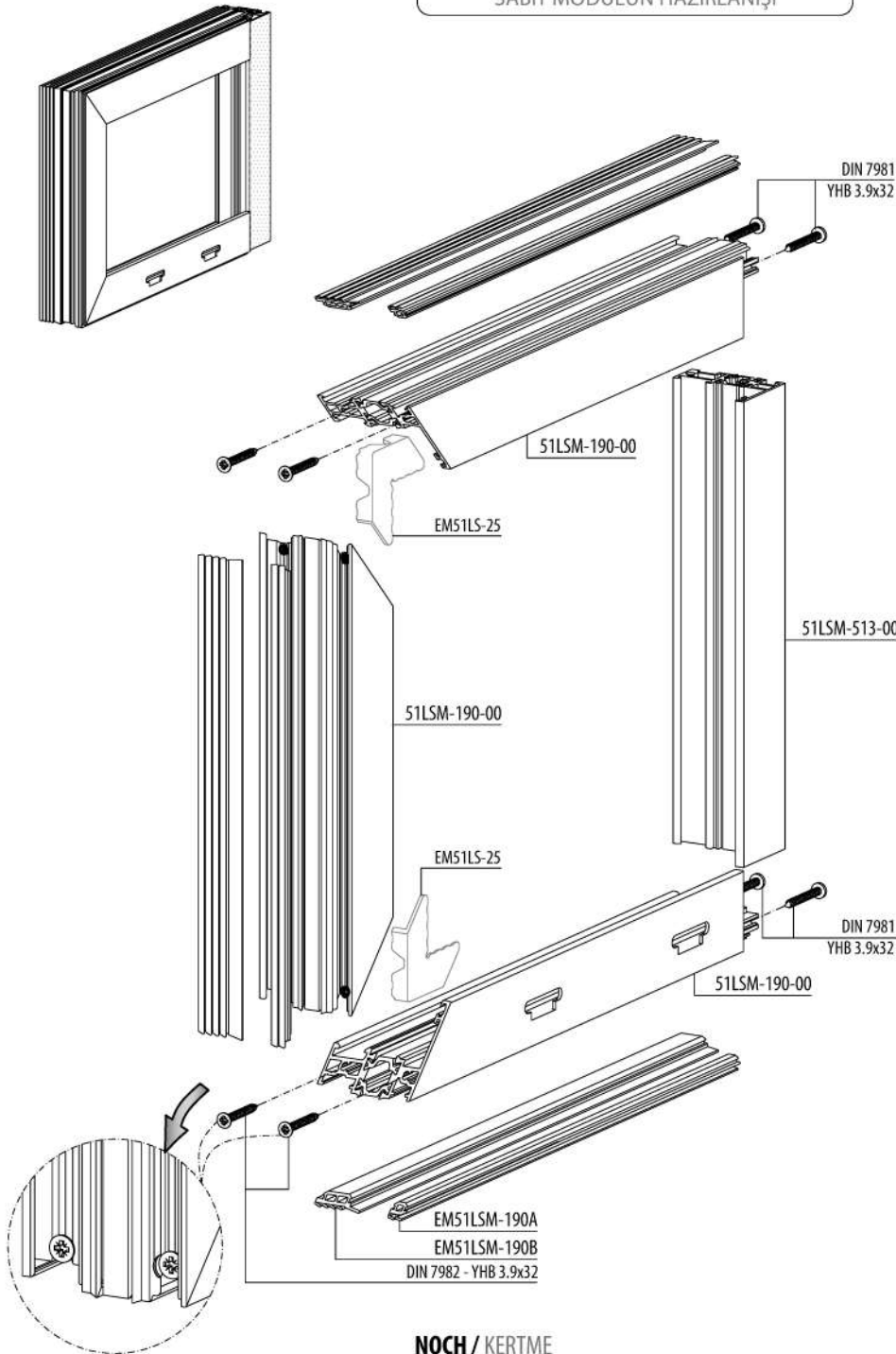
**HOLES / DELİK**

51LSM-101-00

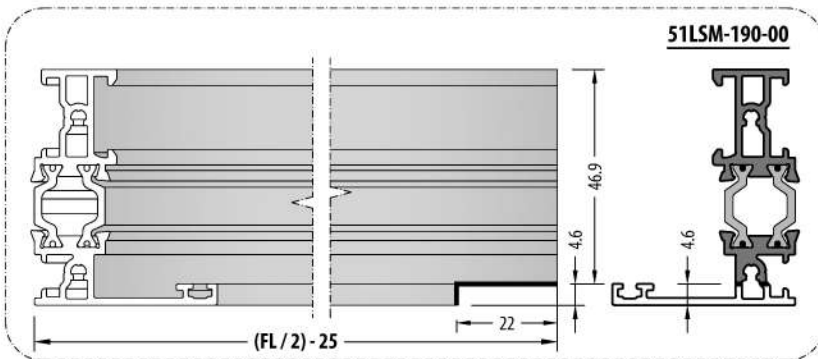


BS = BOND AND SEAL / YAPIŞTIRICI VE SIZDIRMAZ

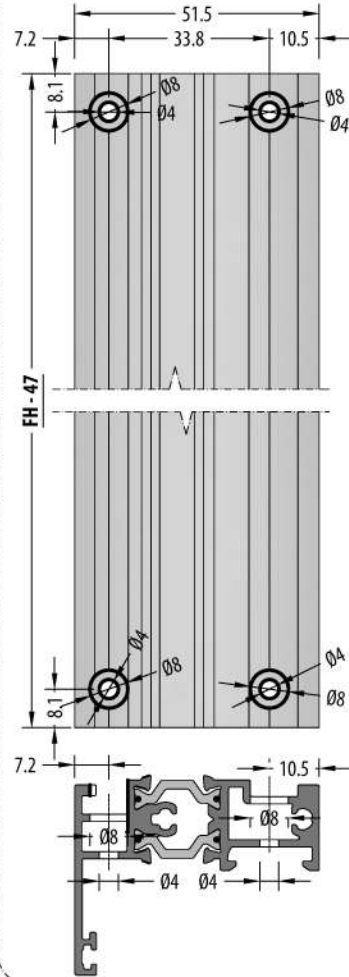
PREPARATION OF THE FIXED MODULE
SABİT MODÜLÜN HAZIRLANIŞI



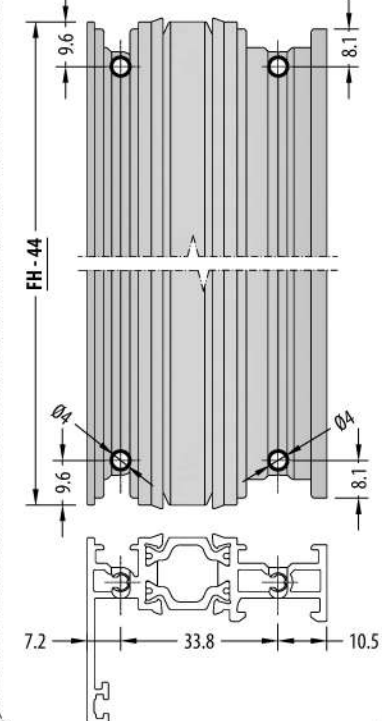
NOCH / KERTME

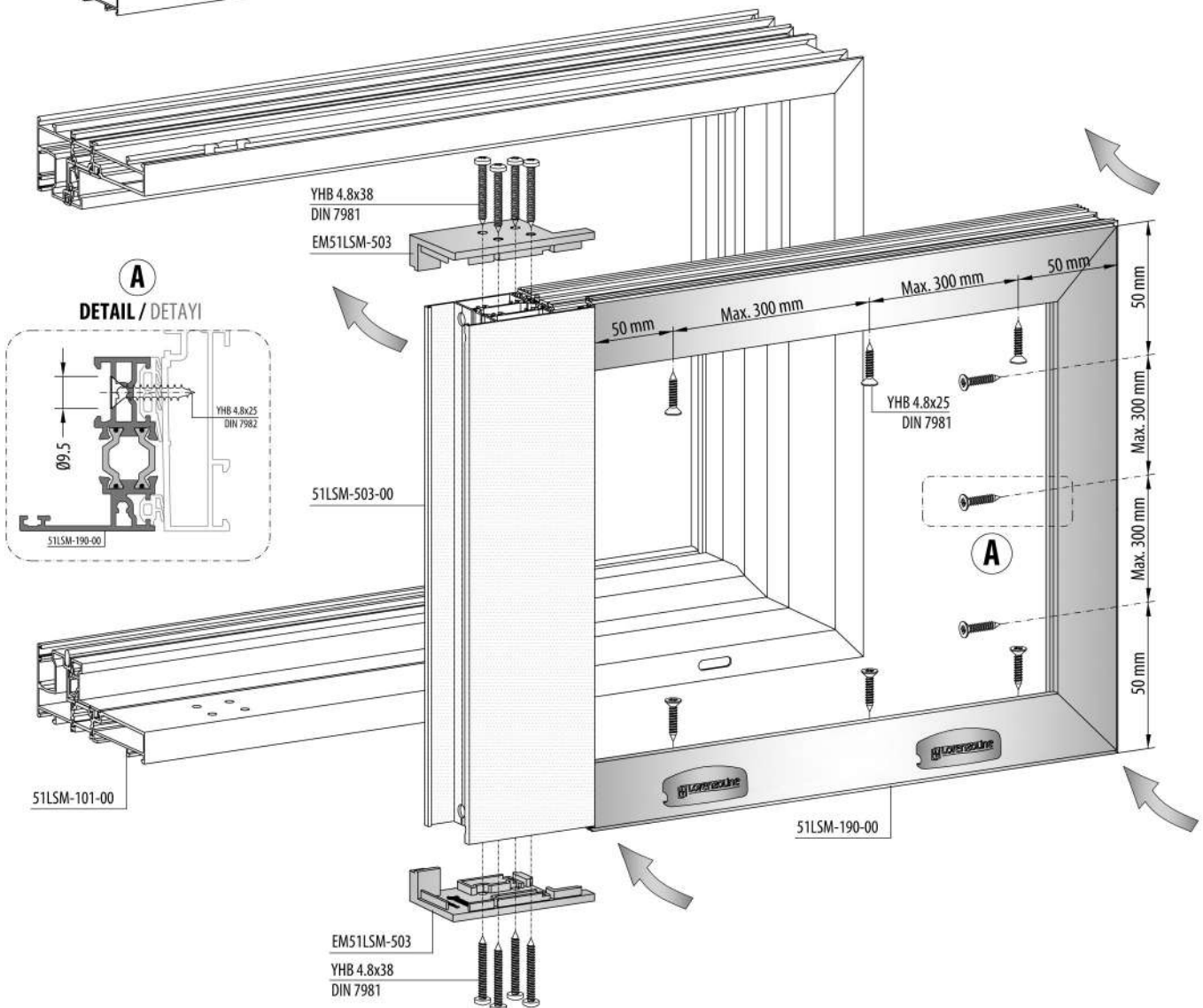


51LSM-513-00 HOLES / DELİK

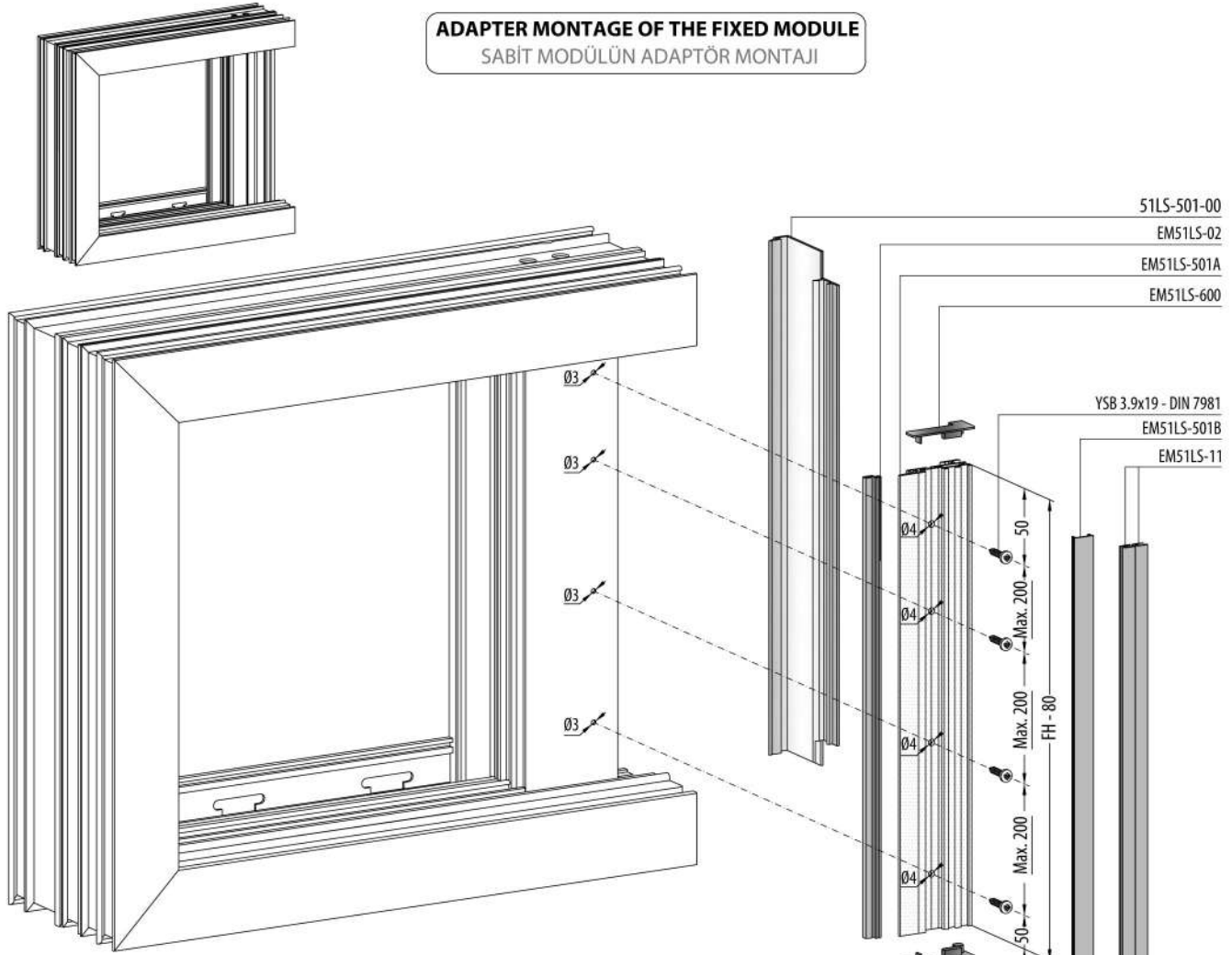


51LSM-190-00 HOLES / DELİK





ADAPTER MONTAGE OF THE FIXED MODULE
SABİT MODÜLÜN ADAPTÖR MONTAJI

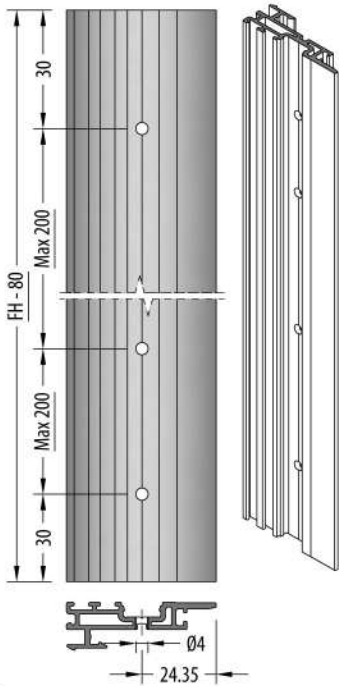


51LS-501-00
EM51LS-02
EM51LS-501A
EM51LS-600

YSB 3.9x19 - DIN 7981
EM51LS-501B
EM51LS-11

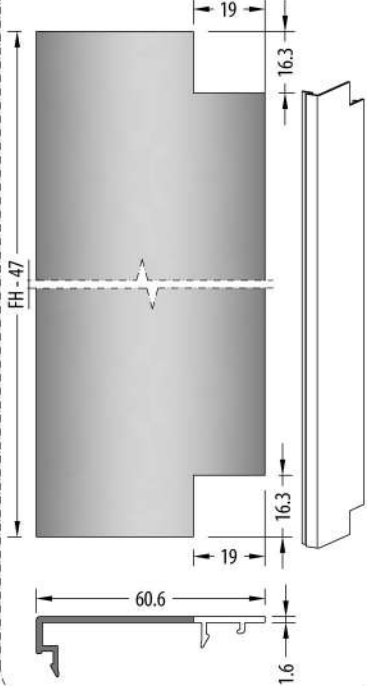
NOCH / KERTME

EM51LS-501A



NOCH / KERTME

51LS-501-00

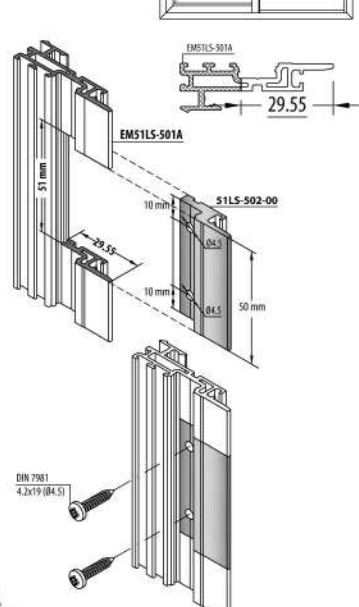


*** OPSİYONEL REINFORCE PART**
OPSİYONEL GÜÇLENDİRME PARÇASI

EM51LS-501A

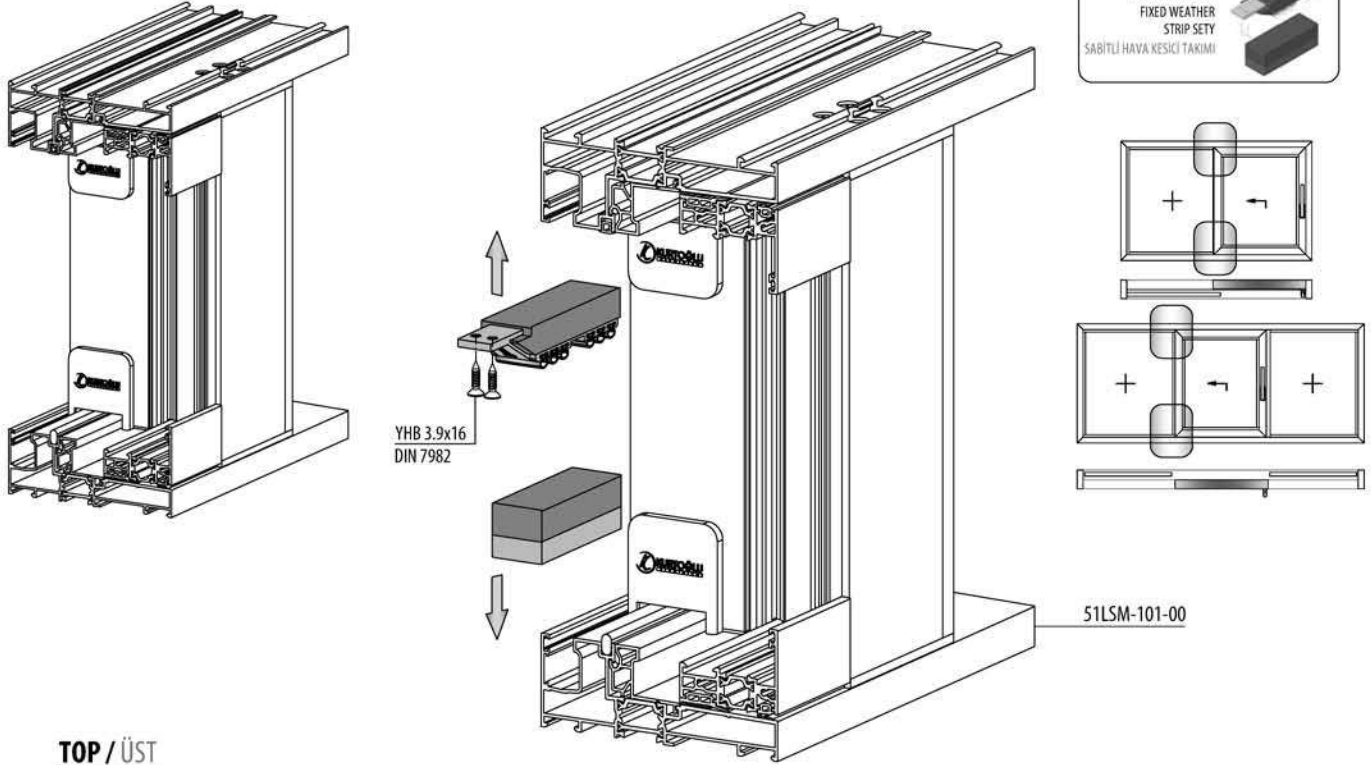
51LS-502-00

CENTER OF THE SASH
KANAT MERKEZİ

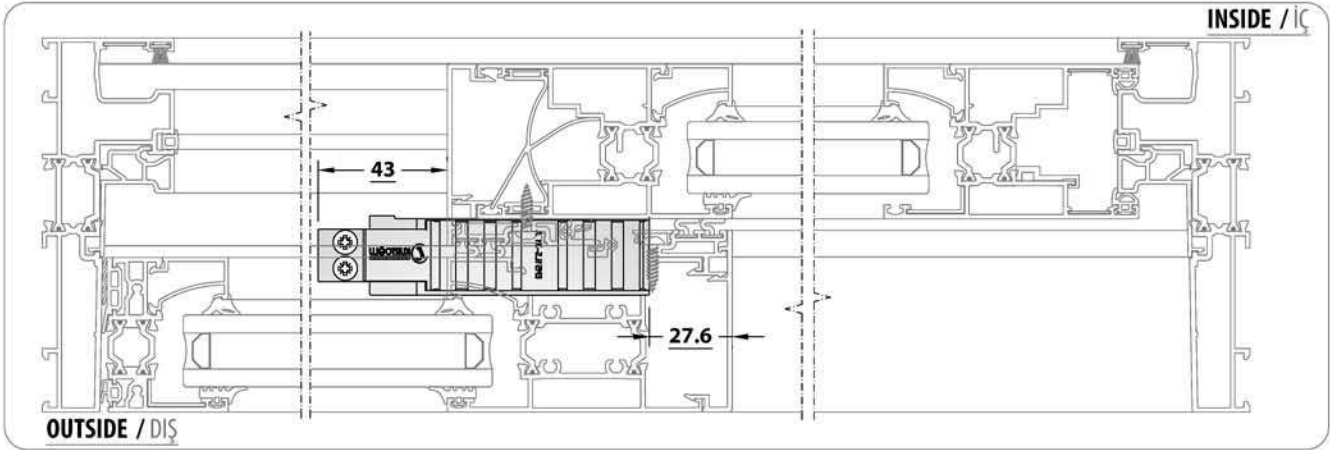


SASH ON INSIDE / KANAT İÇTE

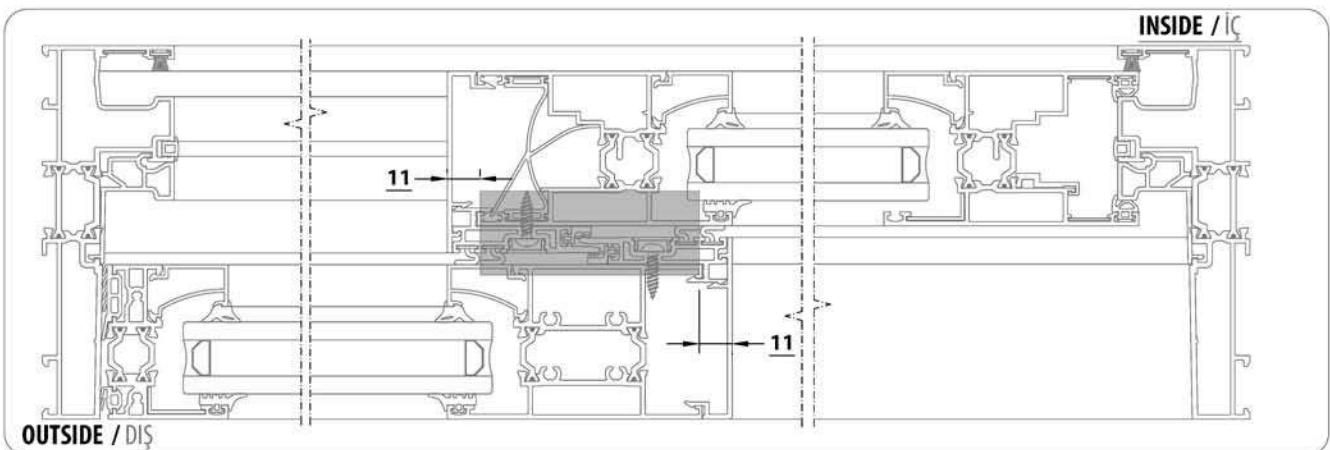
WEATHER STRIP MONTAGE / HAVA KESİCİ MONTAJI



TOP / ÜST

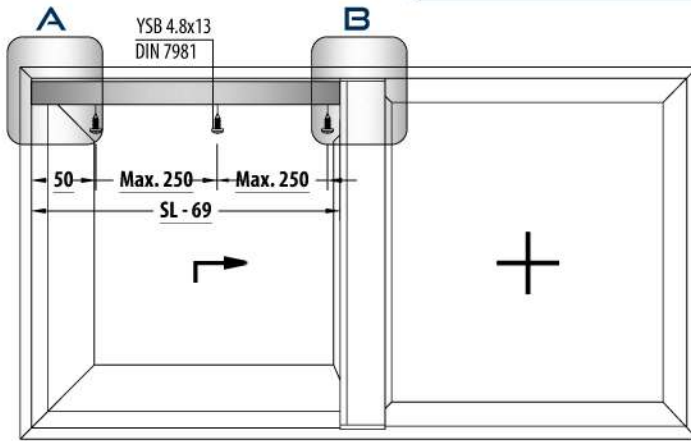


BOTTOM / ALT

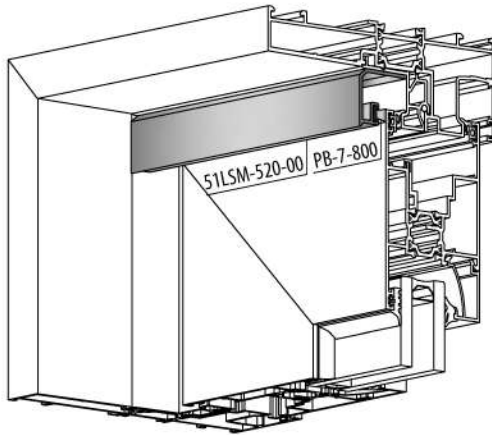


MONTAGE DIMENSION / MONTAJ ÖLÇÜLERİ

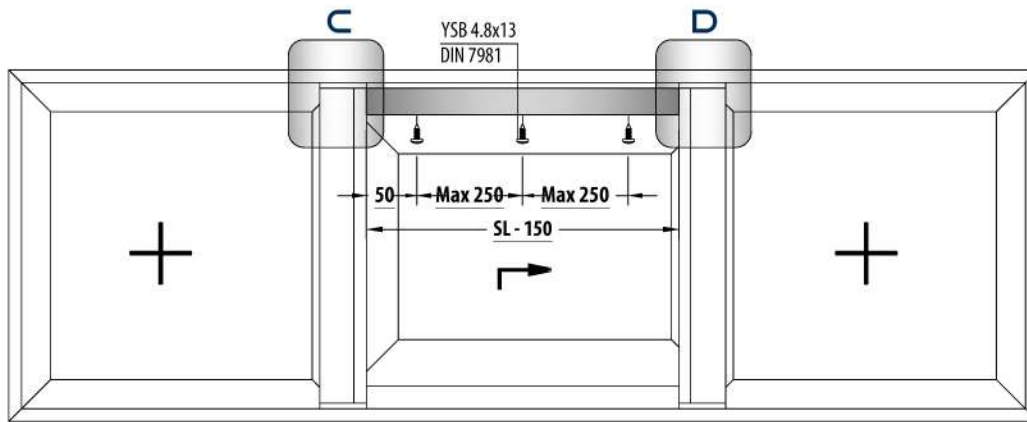
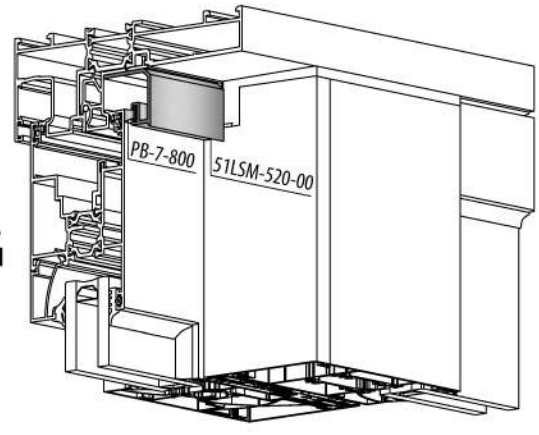
51LSM-520-00 APPLICATION / UYGULAMA



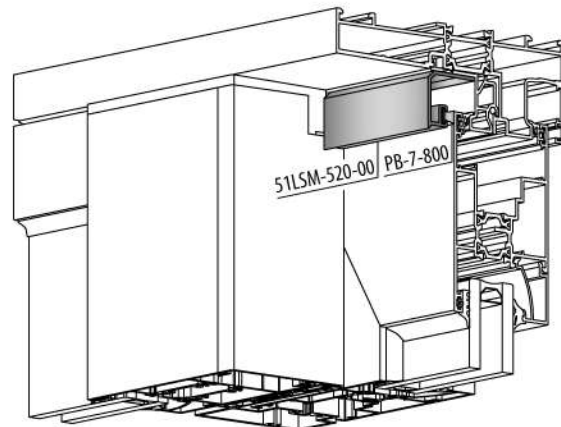
A
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DETAYI



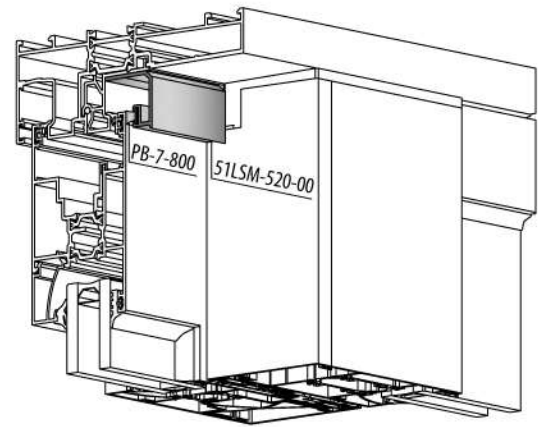
B
DETAIL
DETAYI



C
DETAIL
DETAYI



D
DETAIL
DETAYI

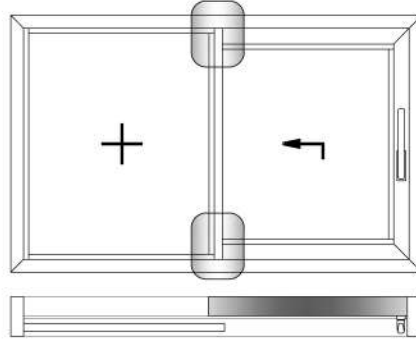


511 S M

NARROW CLAMP / DAR KENET

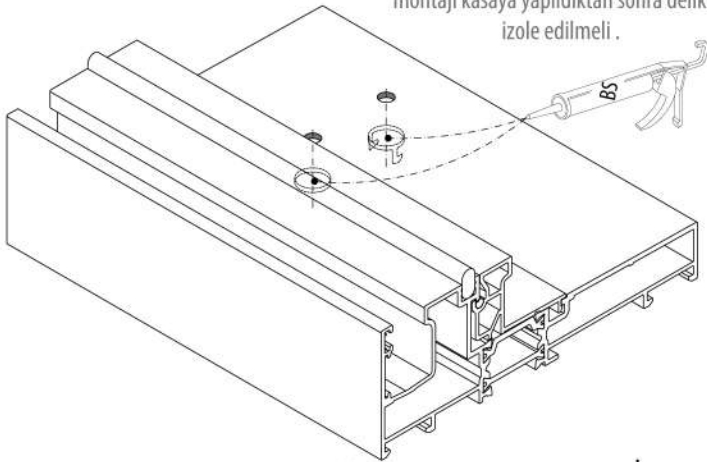
ASSEMBLY DETAILS / MONTAJ DETAYLARI
LIFT & SLIDE / KALDIR SÜR

FRAME MONTAGE HOLES / KASA MONTAJ DELİKLERİ

NARROW CLAMP
DAR KENET

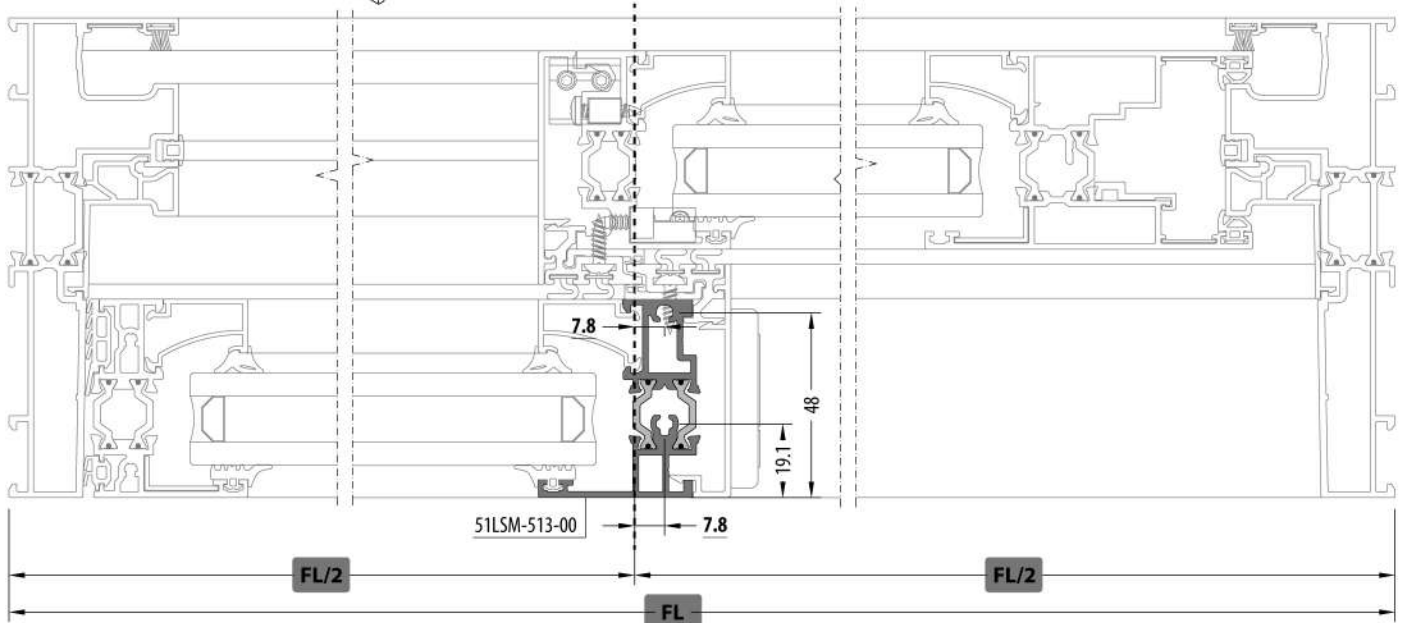
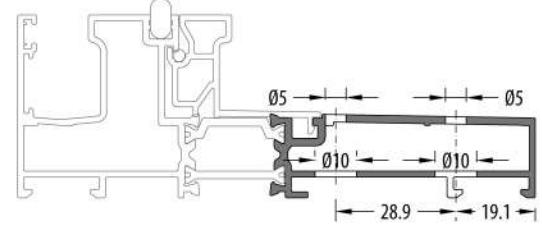
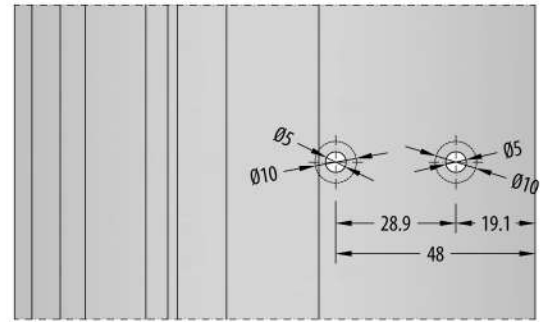
The holes must be isolated after
51LS-513-00 and 51LS-190-00
module is assembled to the frame.

51LS-513-00 ve 51LS-190-00 modülünün
montajı kasaya yapıldıktan sonra delikler
izole edilmeli.



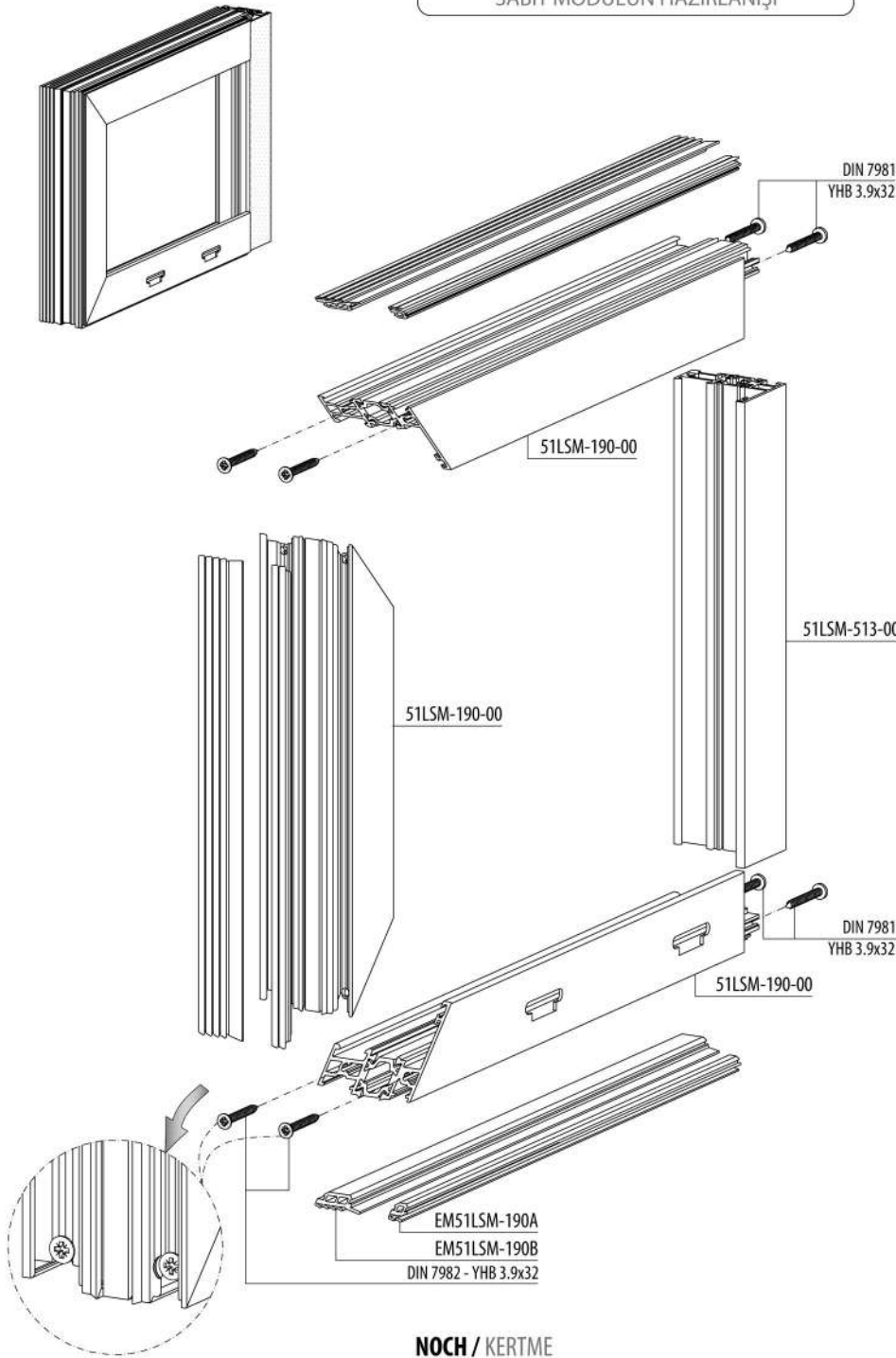
HOLES / DELİK

51LSM-101-00

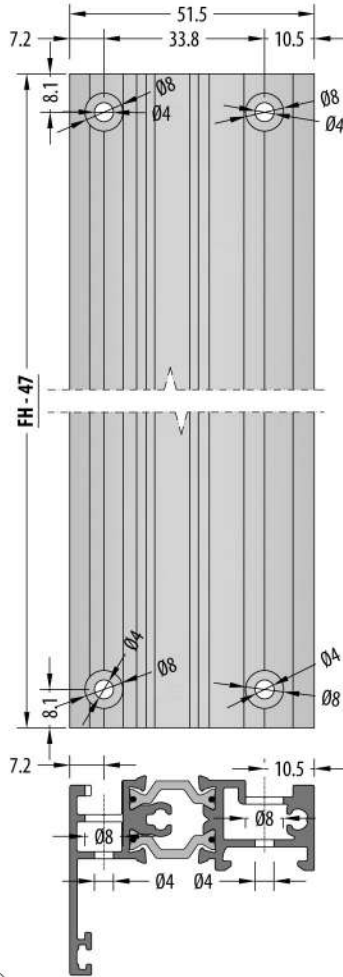


BS = BOND AND SEAL / YAPIŞTIRICI VE SIZDIRMAZ

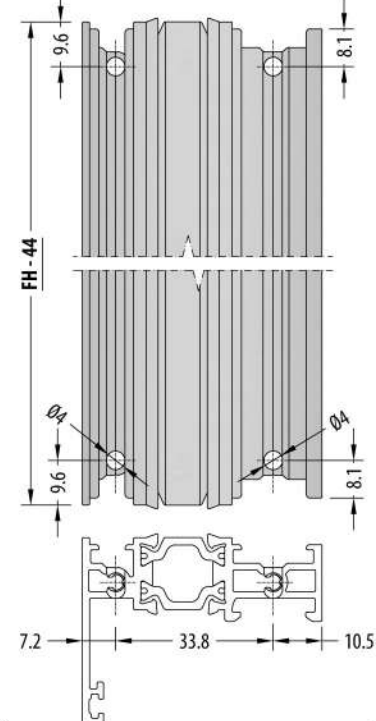
PREPARATION OF THE FIXED MODULE
SABİT MODÜLÜN HAZIRLANIŞI



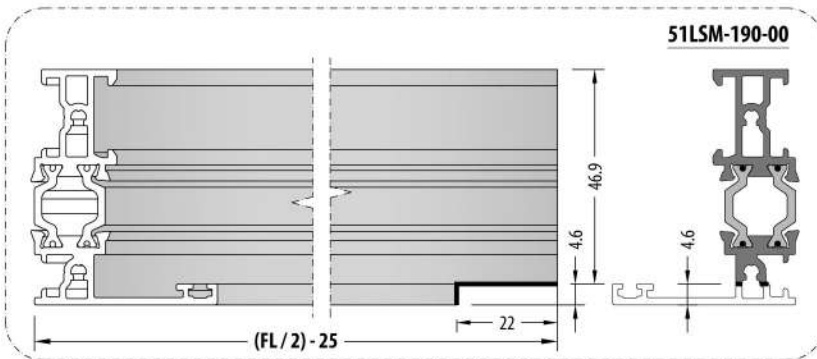
51LSM-513-00 HOLES / DELİK

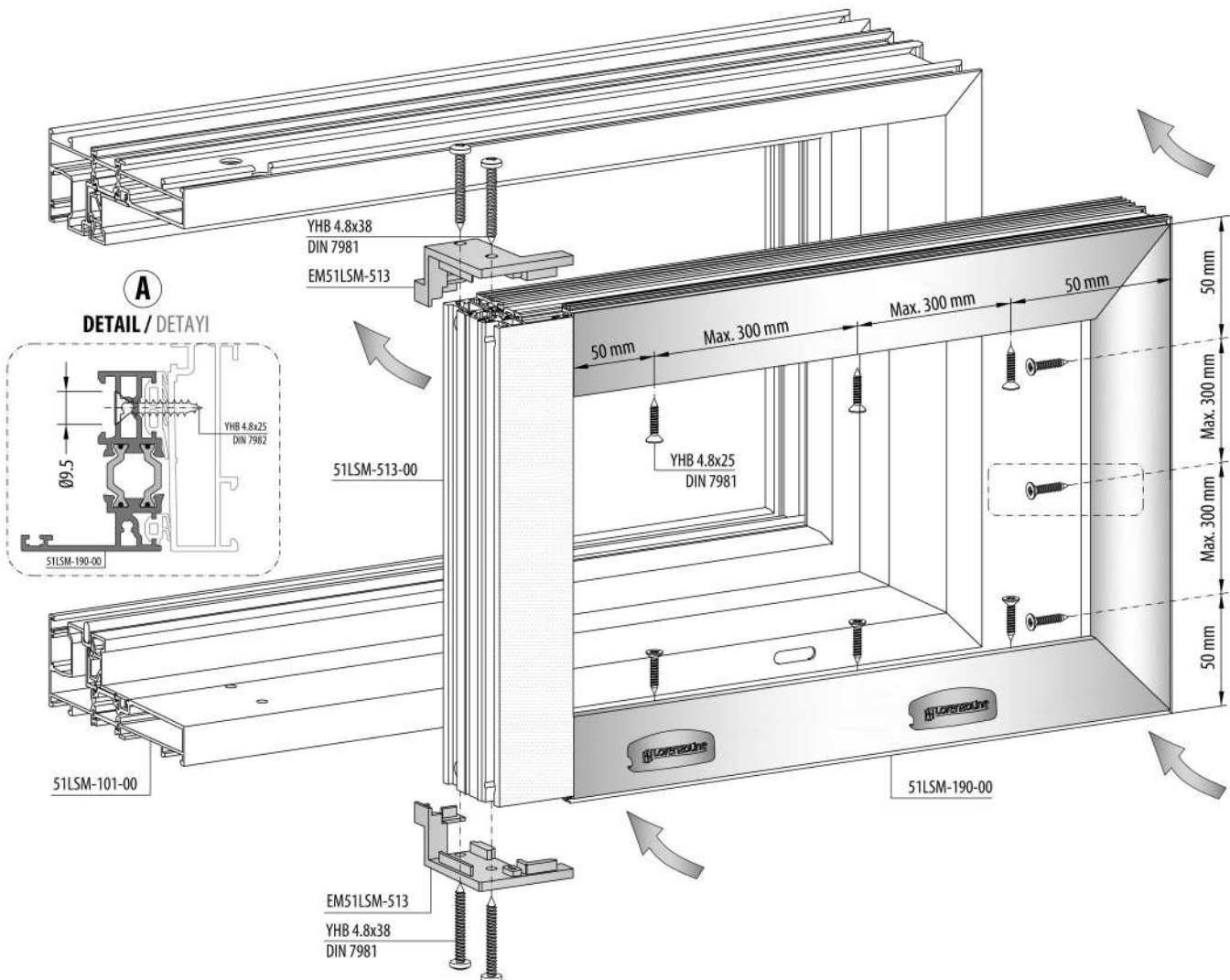


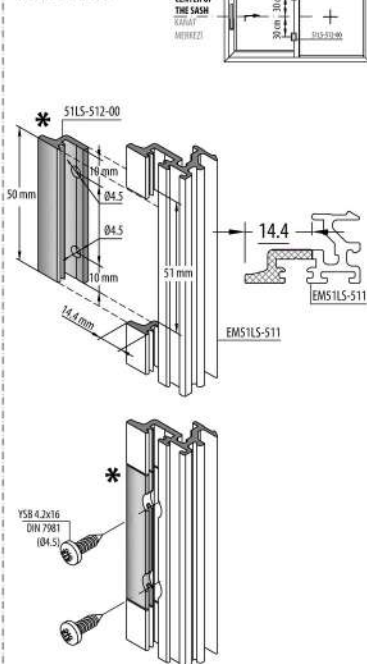
51LSM-190-00 HOLES / DELİK



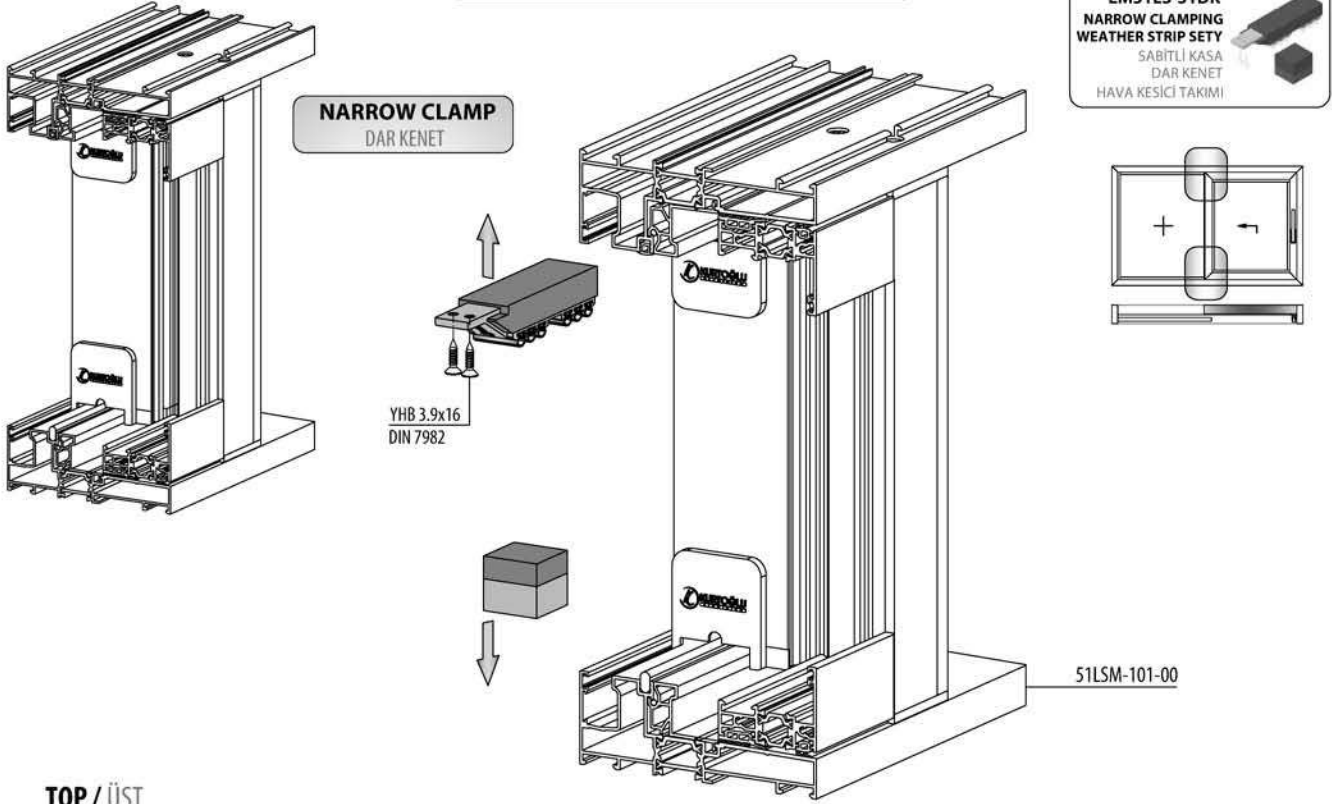
NOCH / KERTME



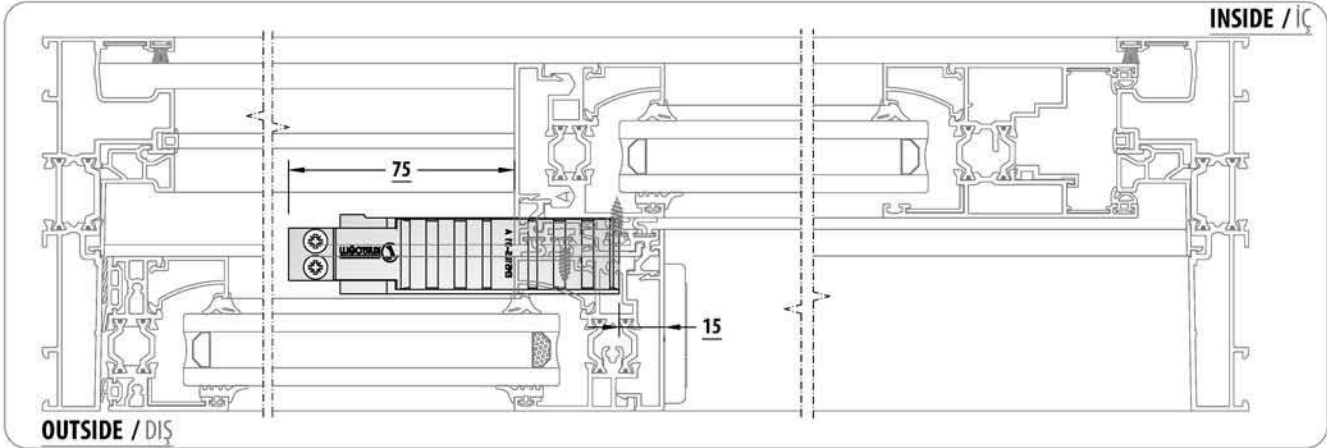




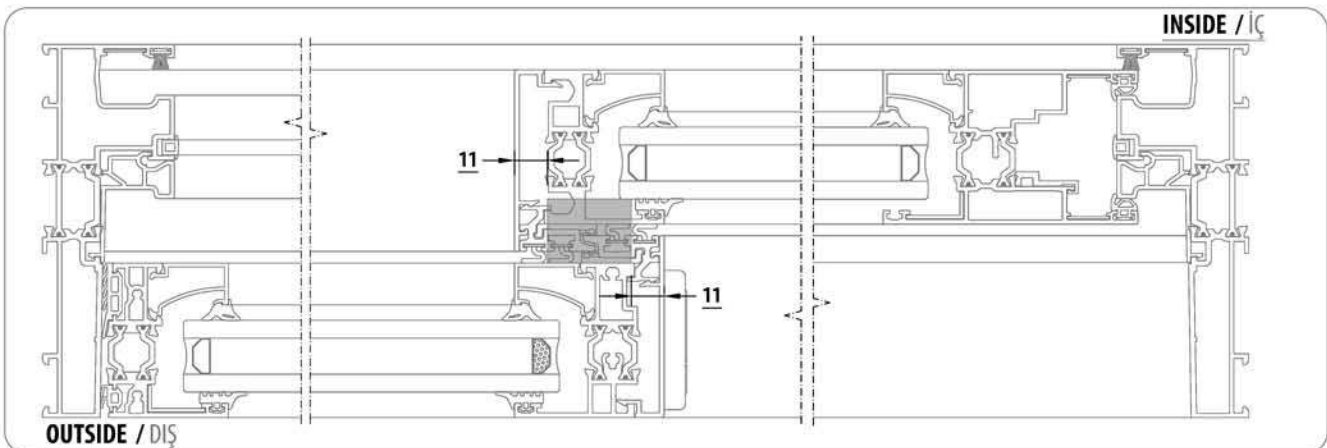
WEATHER STRIP MONTAGE / HAVA KESİCİ MONTAJI



TOP / ÜST

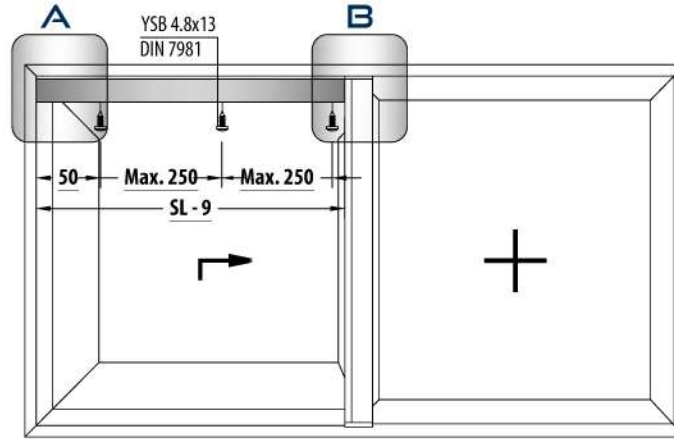


BOTTOM / ALT

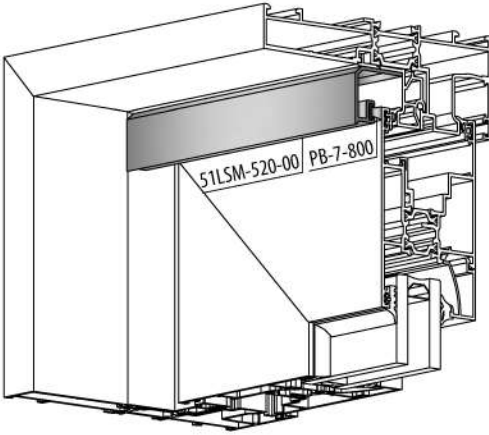


MONTAGE DIMENSION / MONTAJ ÖLÇÜLERİ

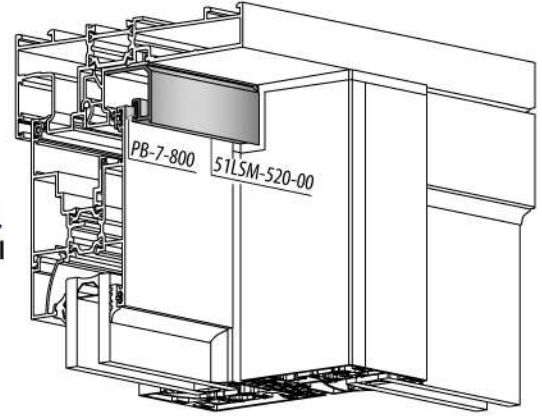
51LSM-520-00 APPLICATION / UYGULAMA



A
DETAIL
DETAYI



B
DETAIL
DETAYI



51LS

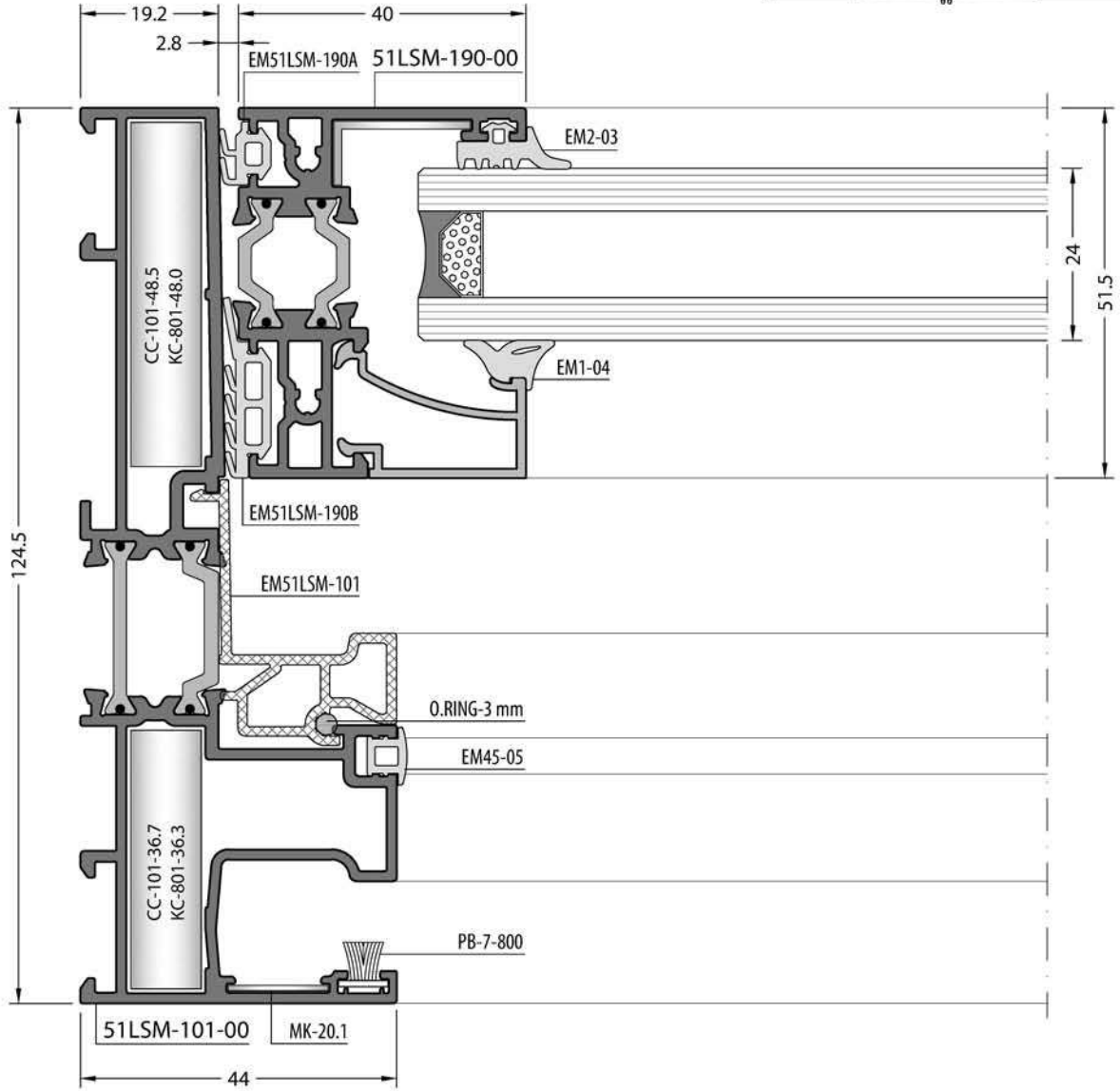
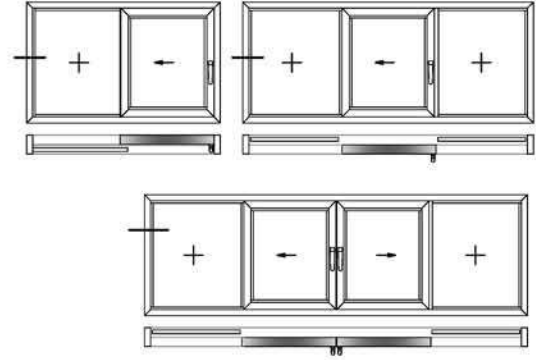
SLIDING / SÜRME

511S

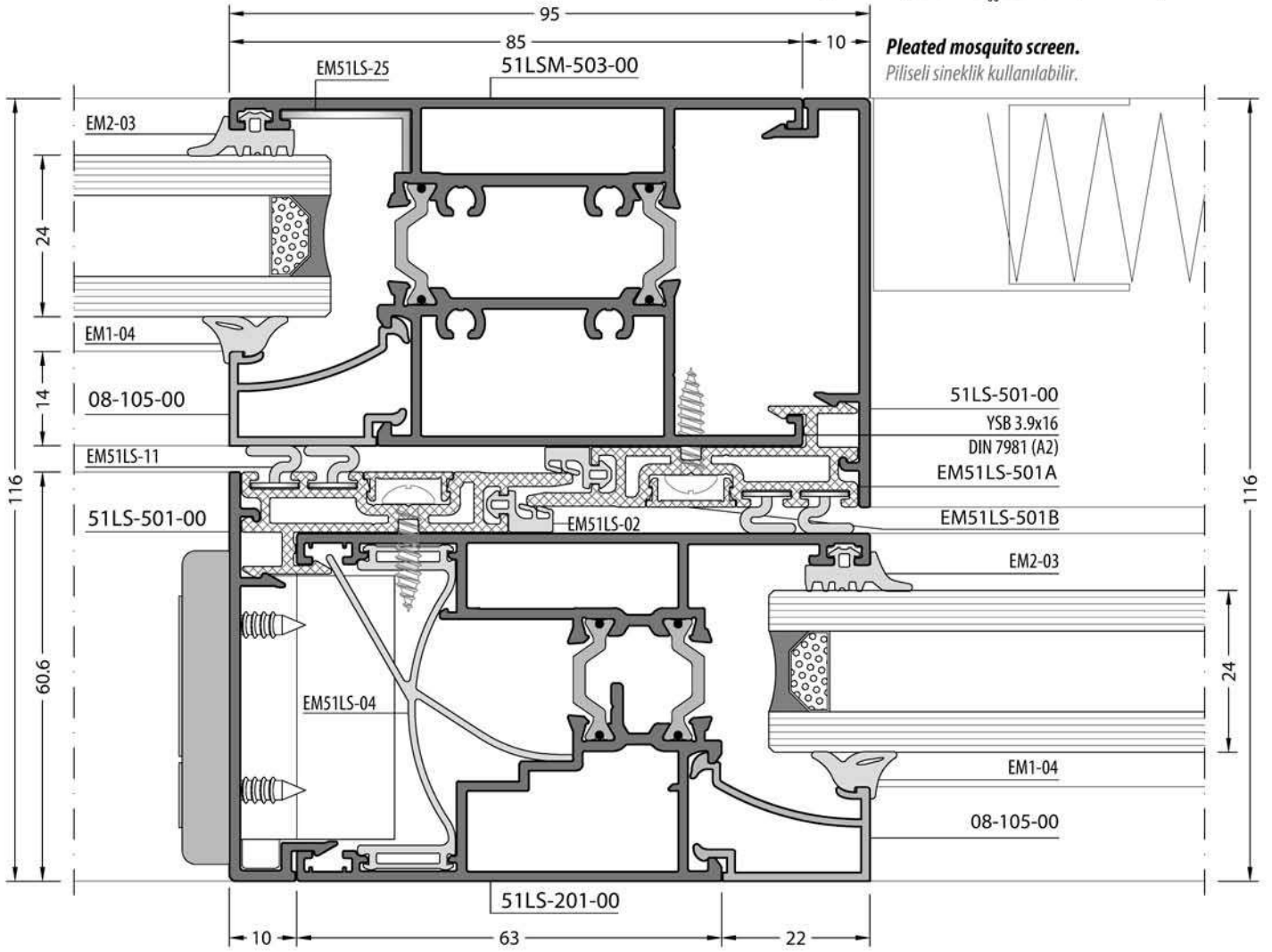
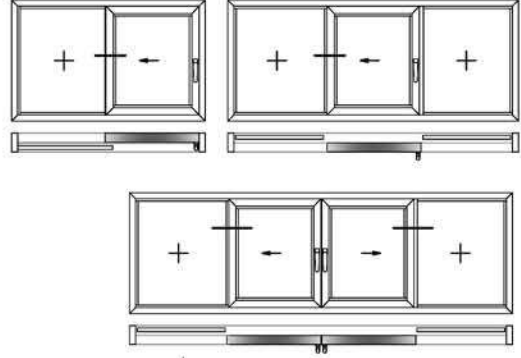
DETAILS / DETAYLAR

SLIDING / SÜRME

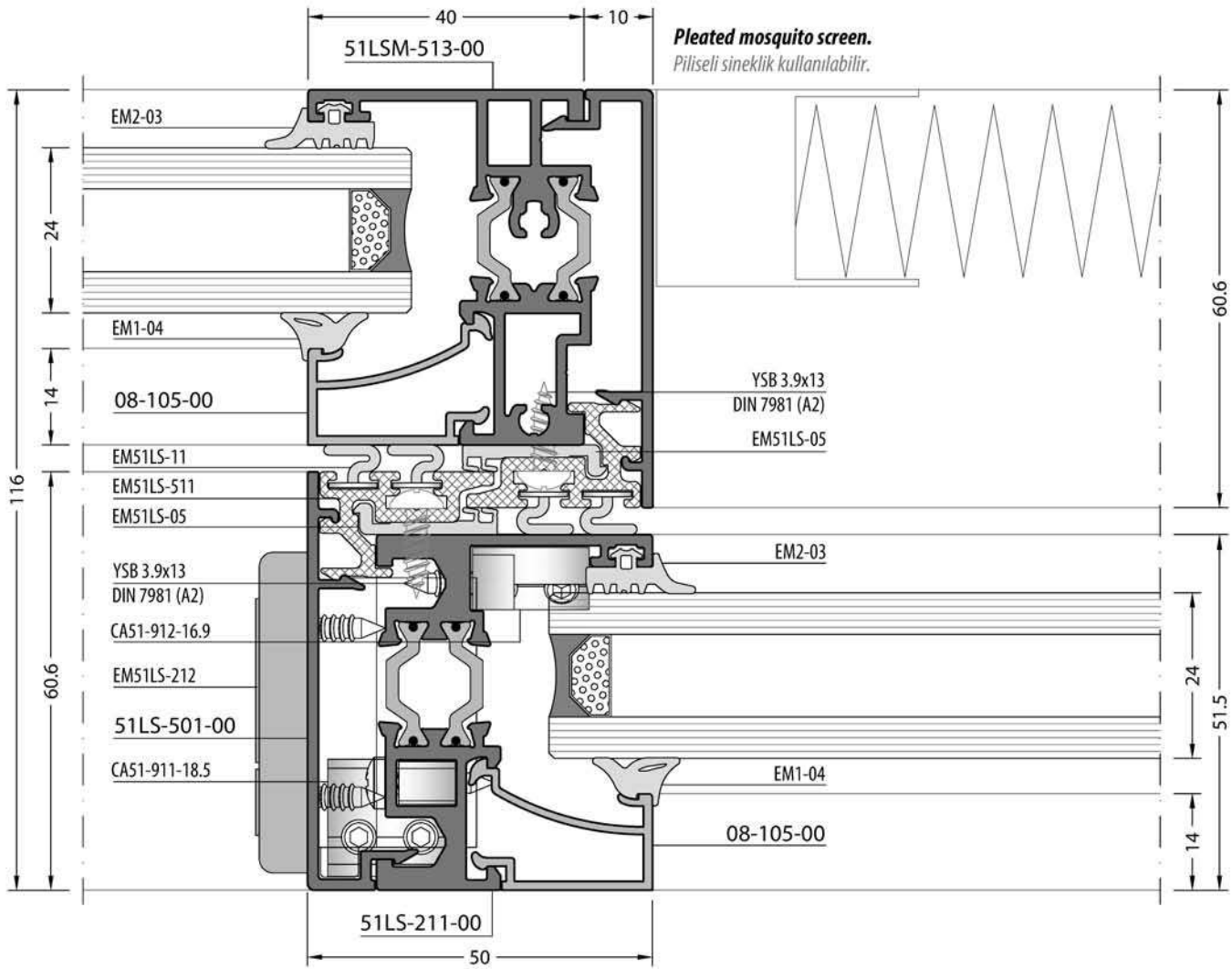
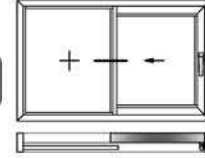
SASH ON INSIDE / KANAT İÇTE



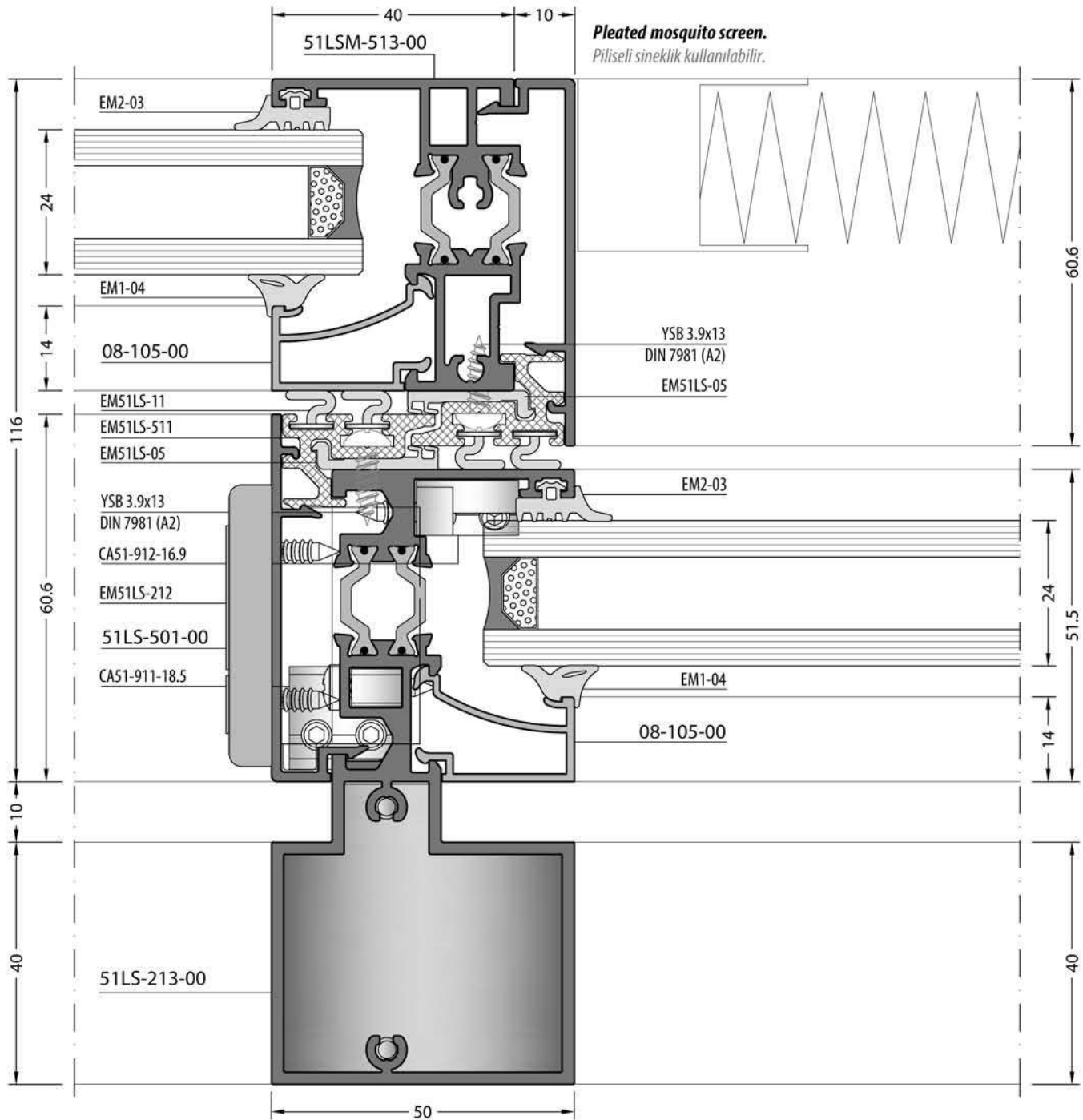
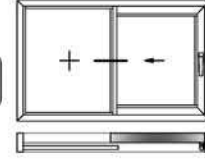
SASH ON INSIDE / KANAT İÇTE

STANDARD CLAMP
STANDART KENET

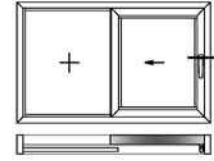
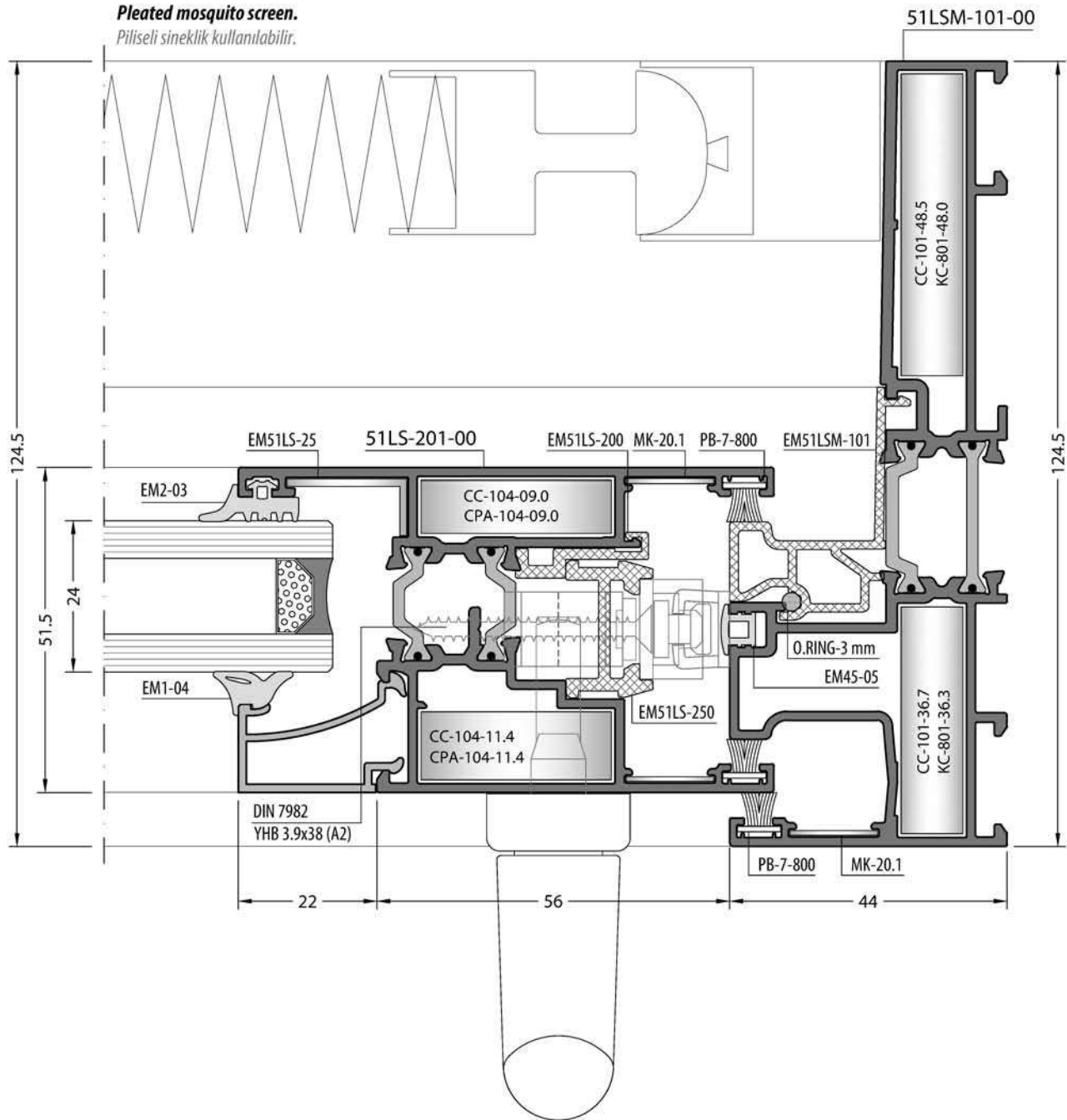
SASH ON INSIDE / KANAT İÇTE

NARROW CLAMP
DAR KENET

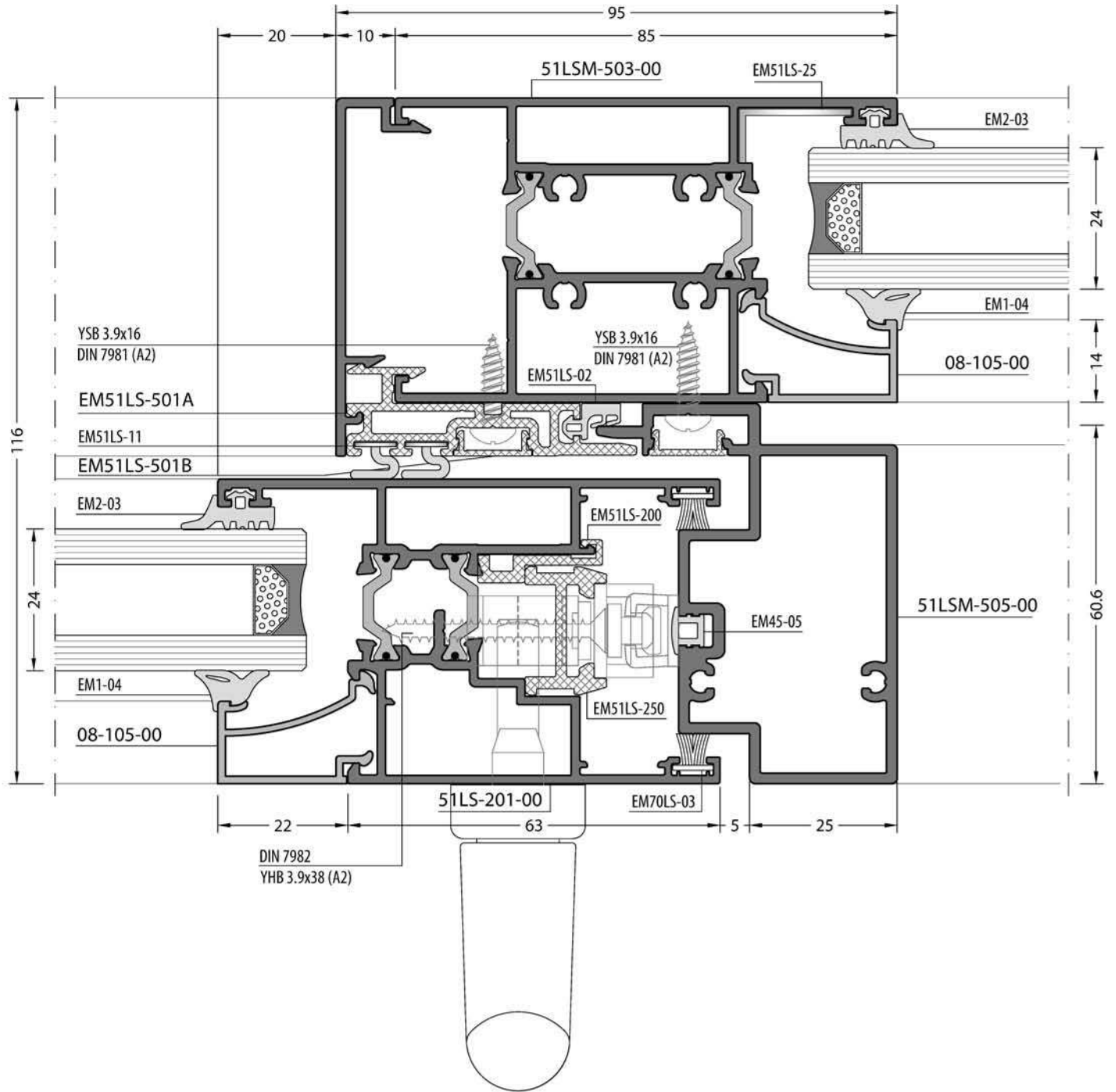
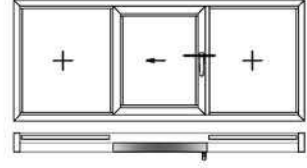
SASH ON INSIDE / KANAT İÇTE

NARROW CLAMP
DAR KENET

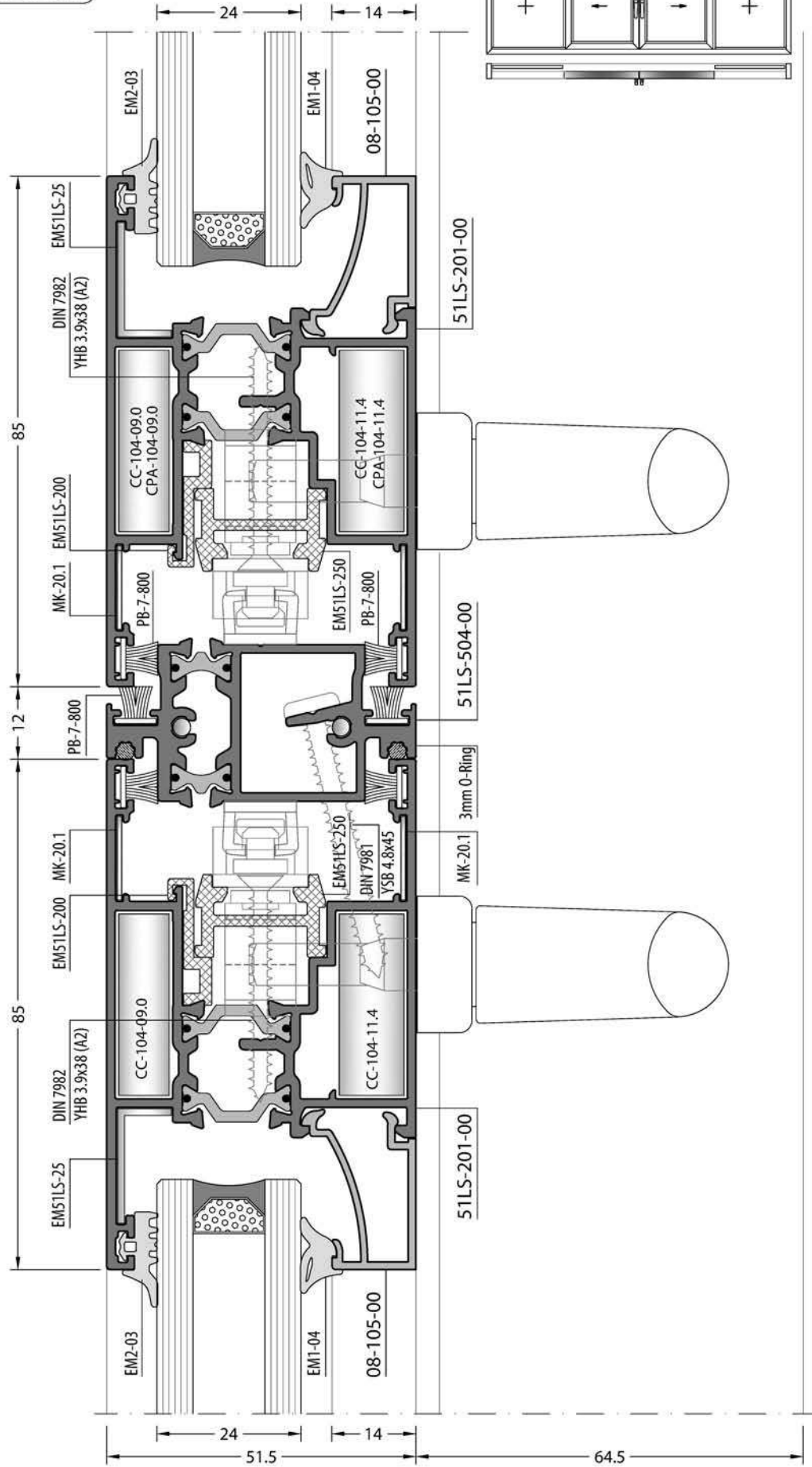
SASH ON INSIDE / KANAT İÇTE

**Pleated mosquito screen.***Pilisel sineklik kullanılabilir.*

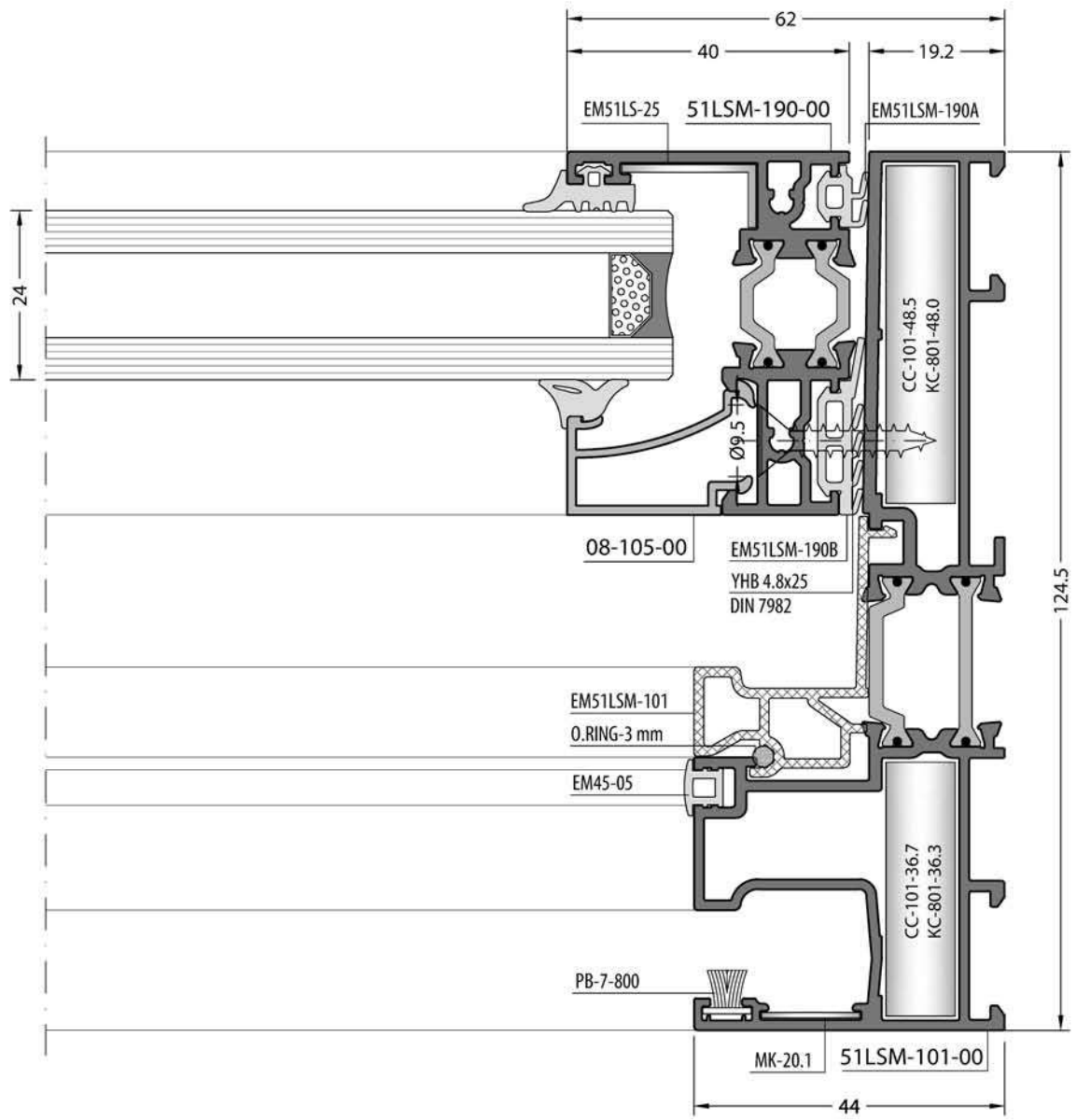
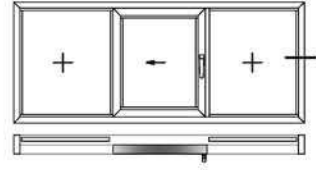
SASH ON INSIDE / KANAT İÇTE



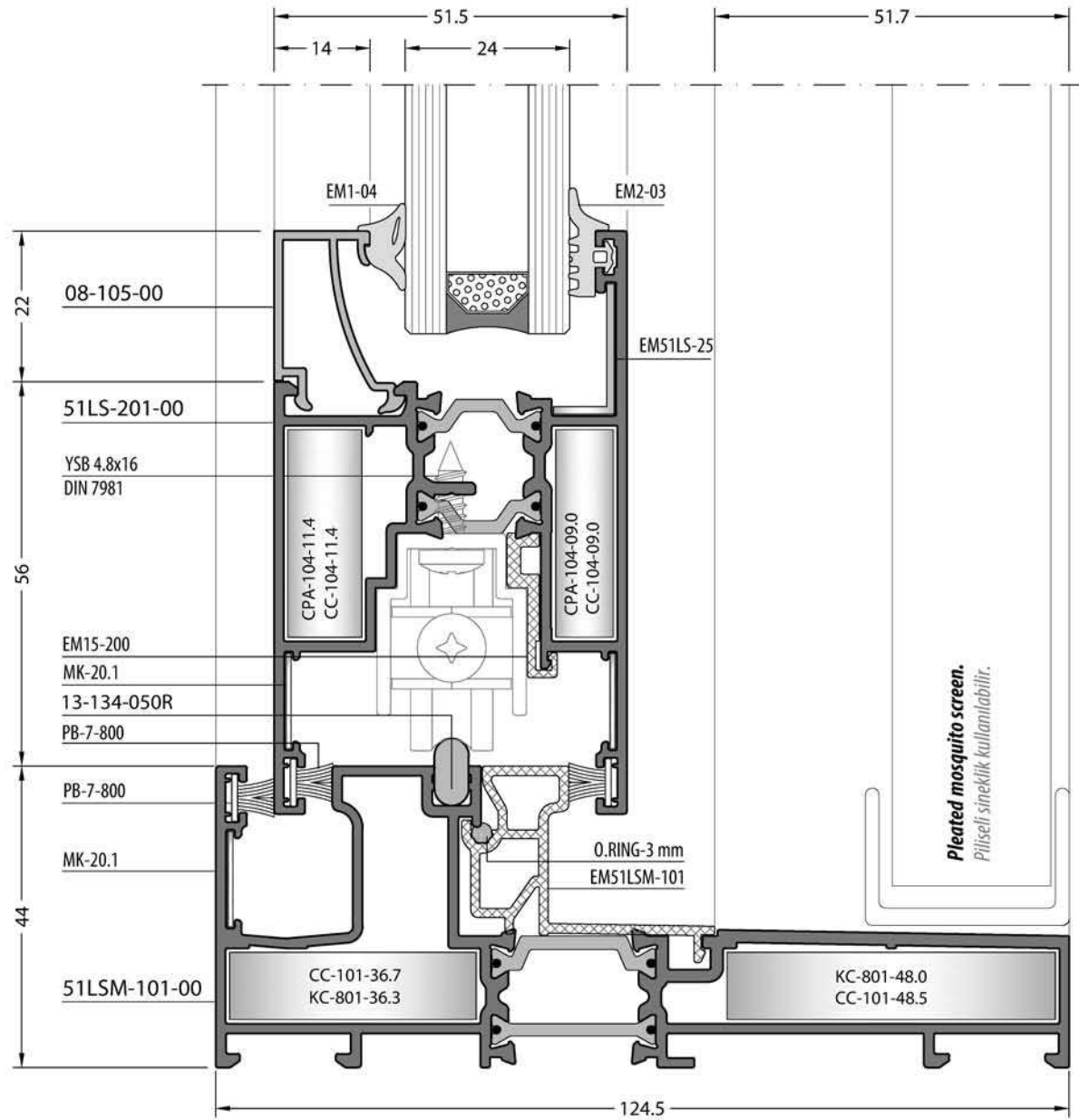
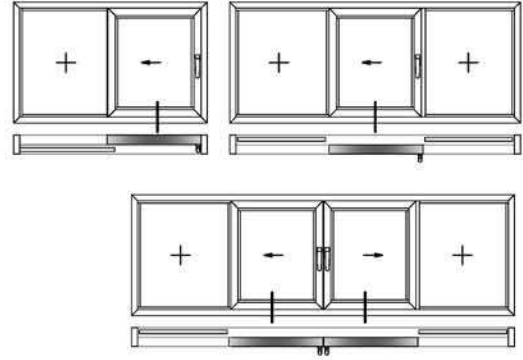
SASH ON INSIDE / KANAT İÇTE



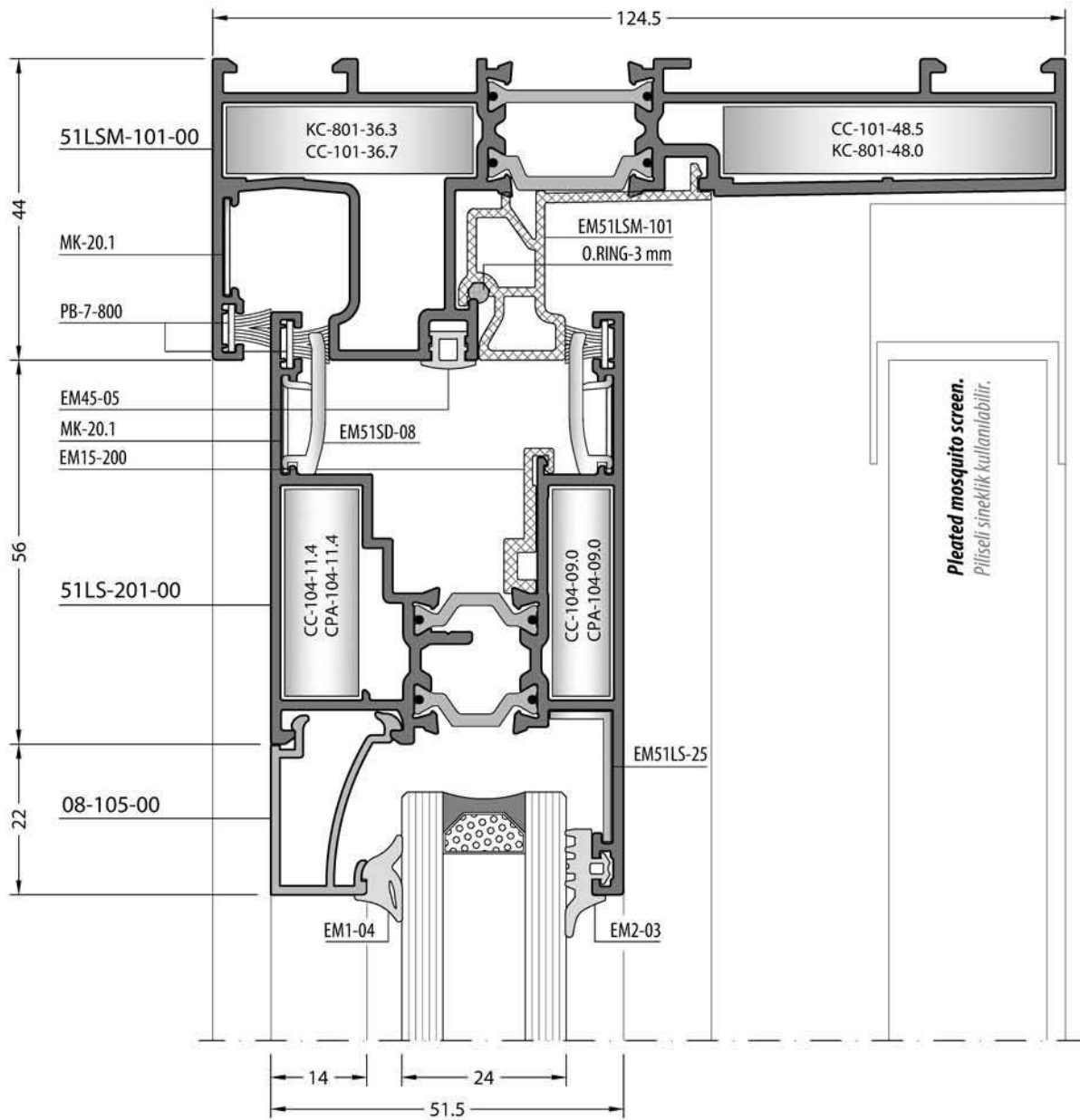
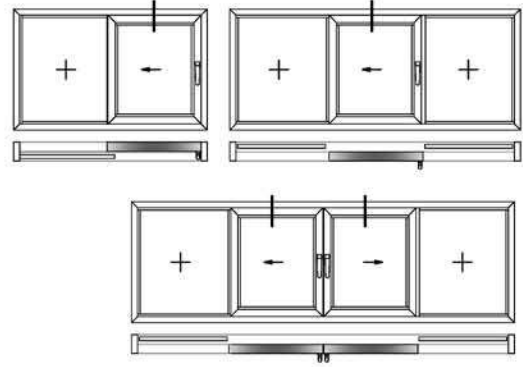
SASH ON INSIDE / KANAT İÇTE



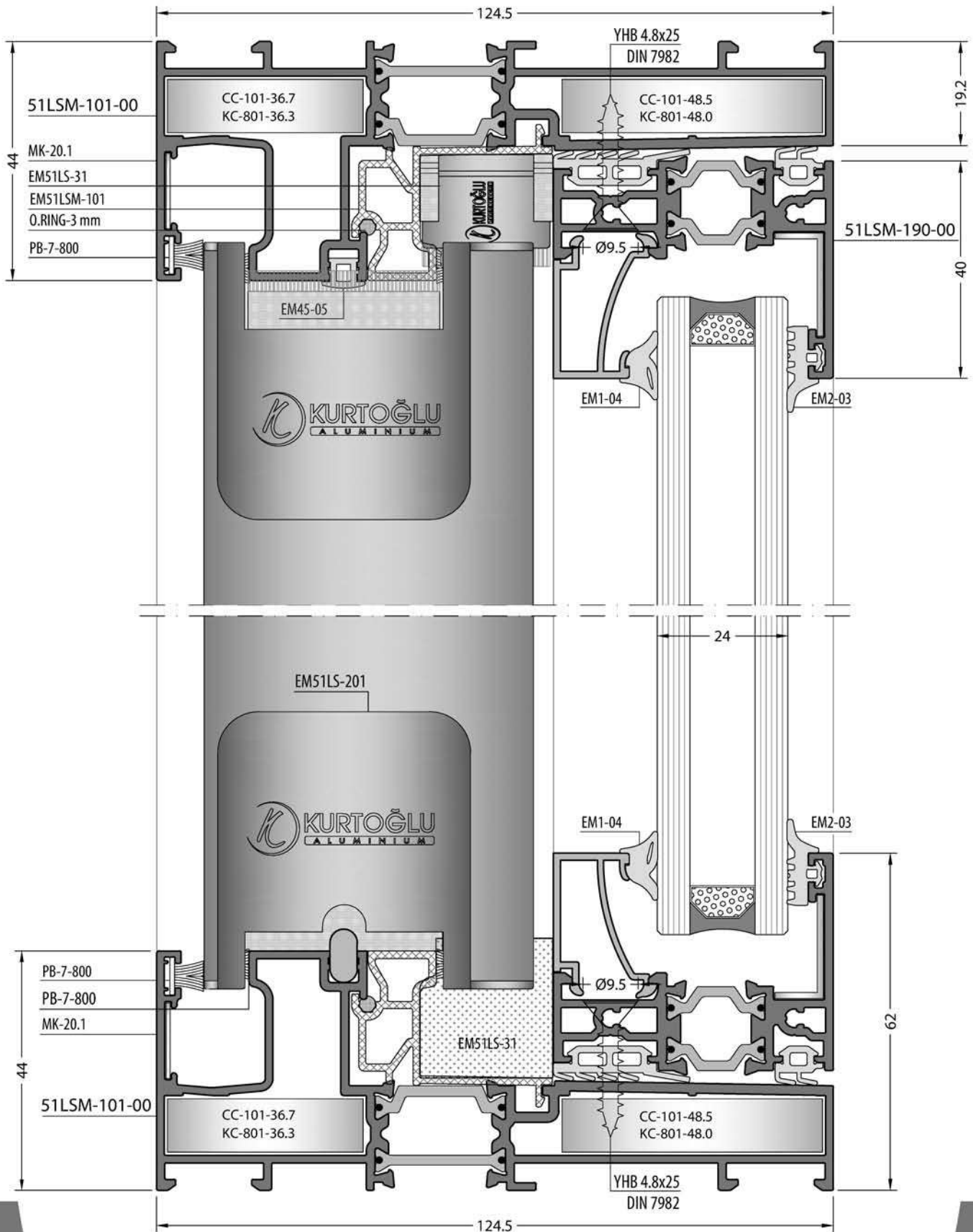
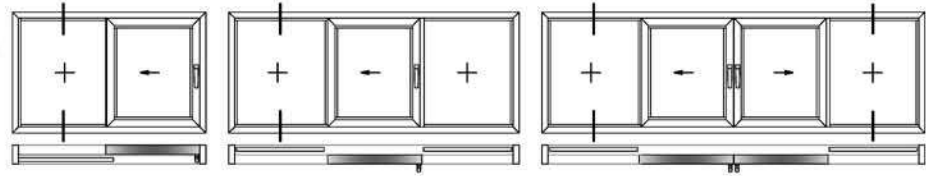
SASH ON INSIDE / KANAT İÇTE



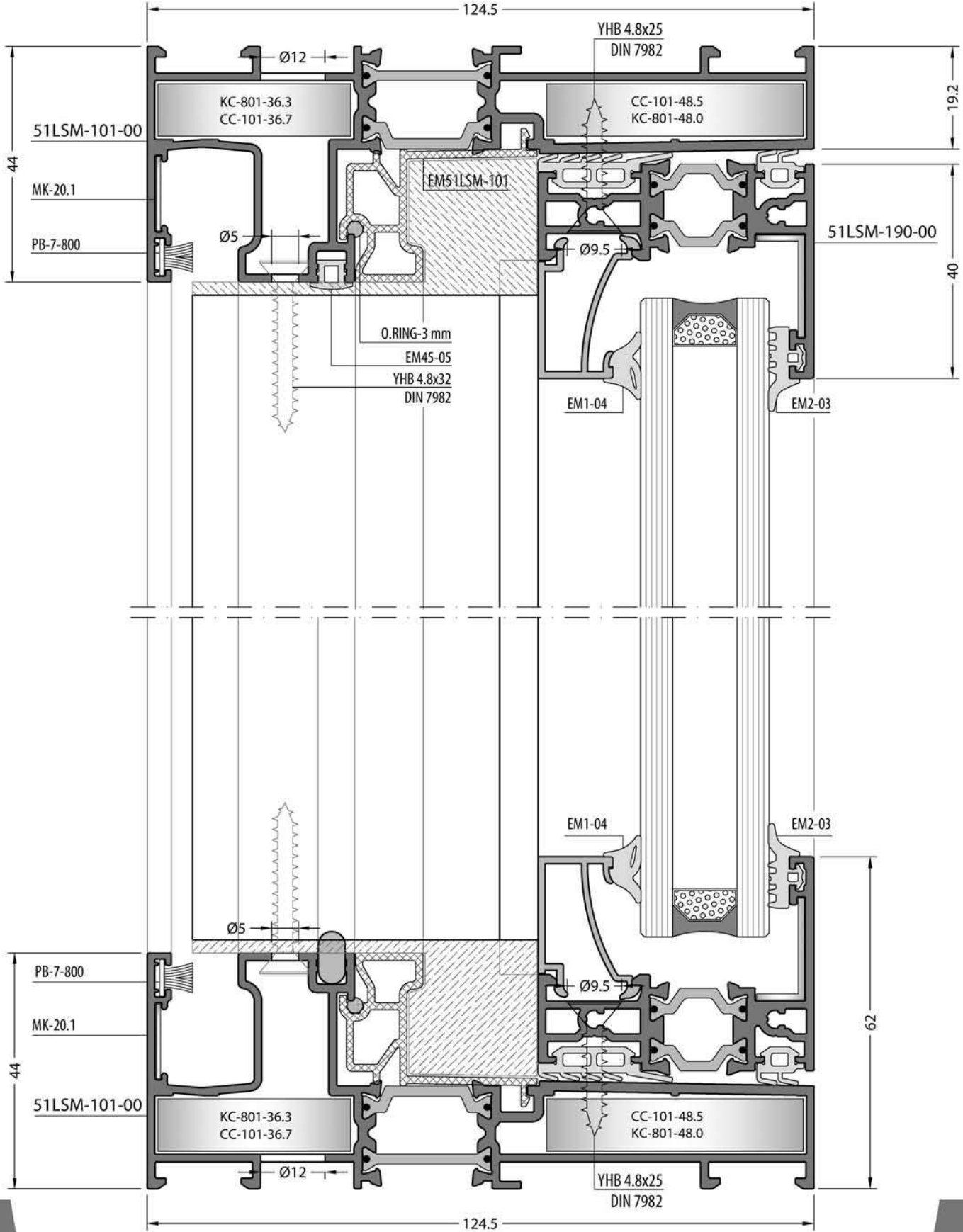
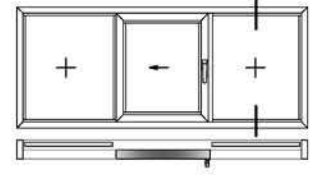
SASH ON INSIDE / KANAT İÇTE



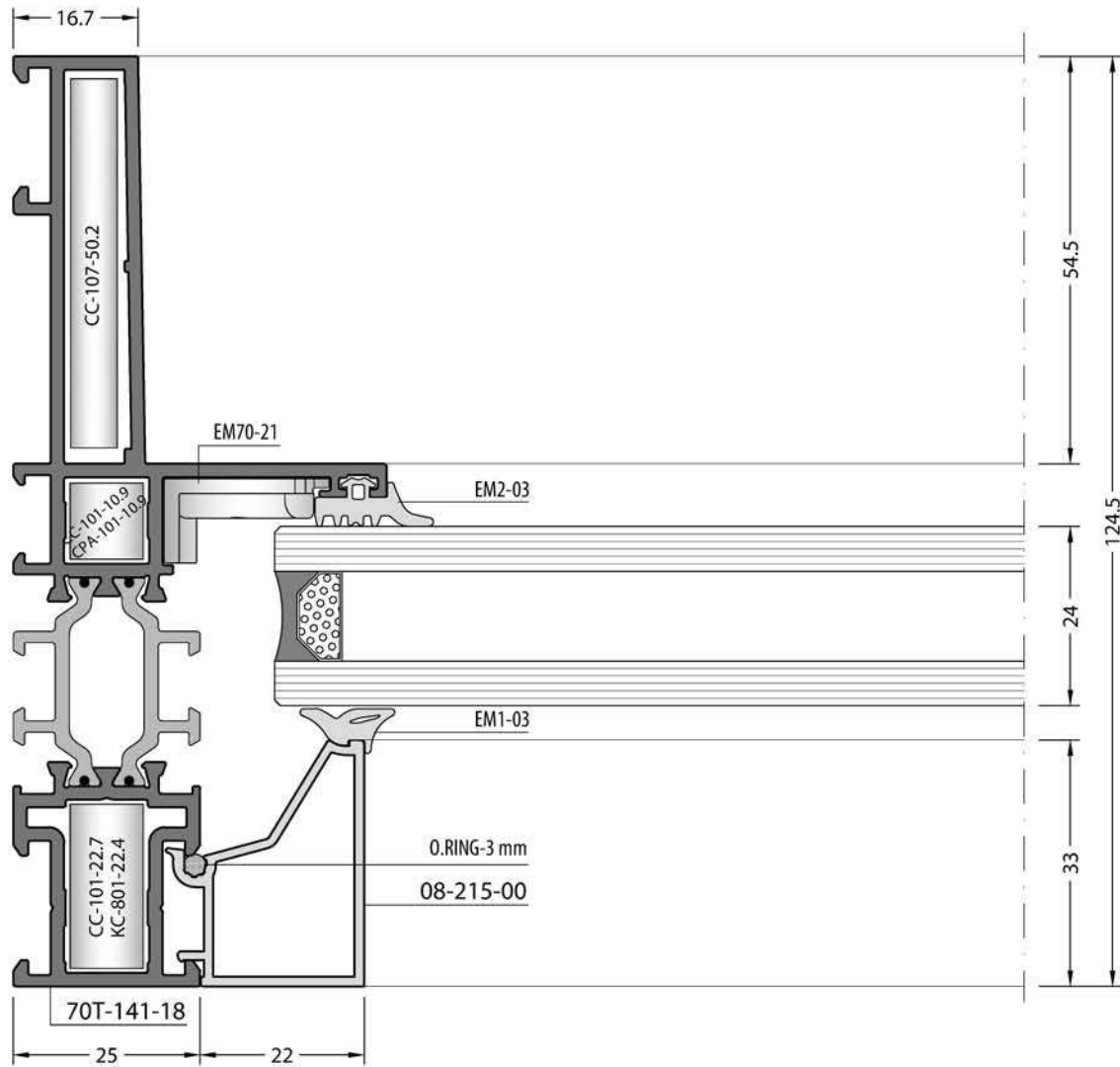
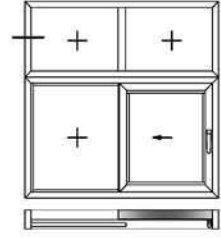
SASH ON INSIDE / KANAT İÇTE



SASH ON INSIDE / KANAT İÇTE

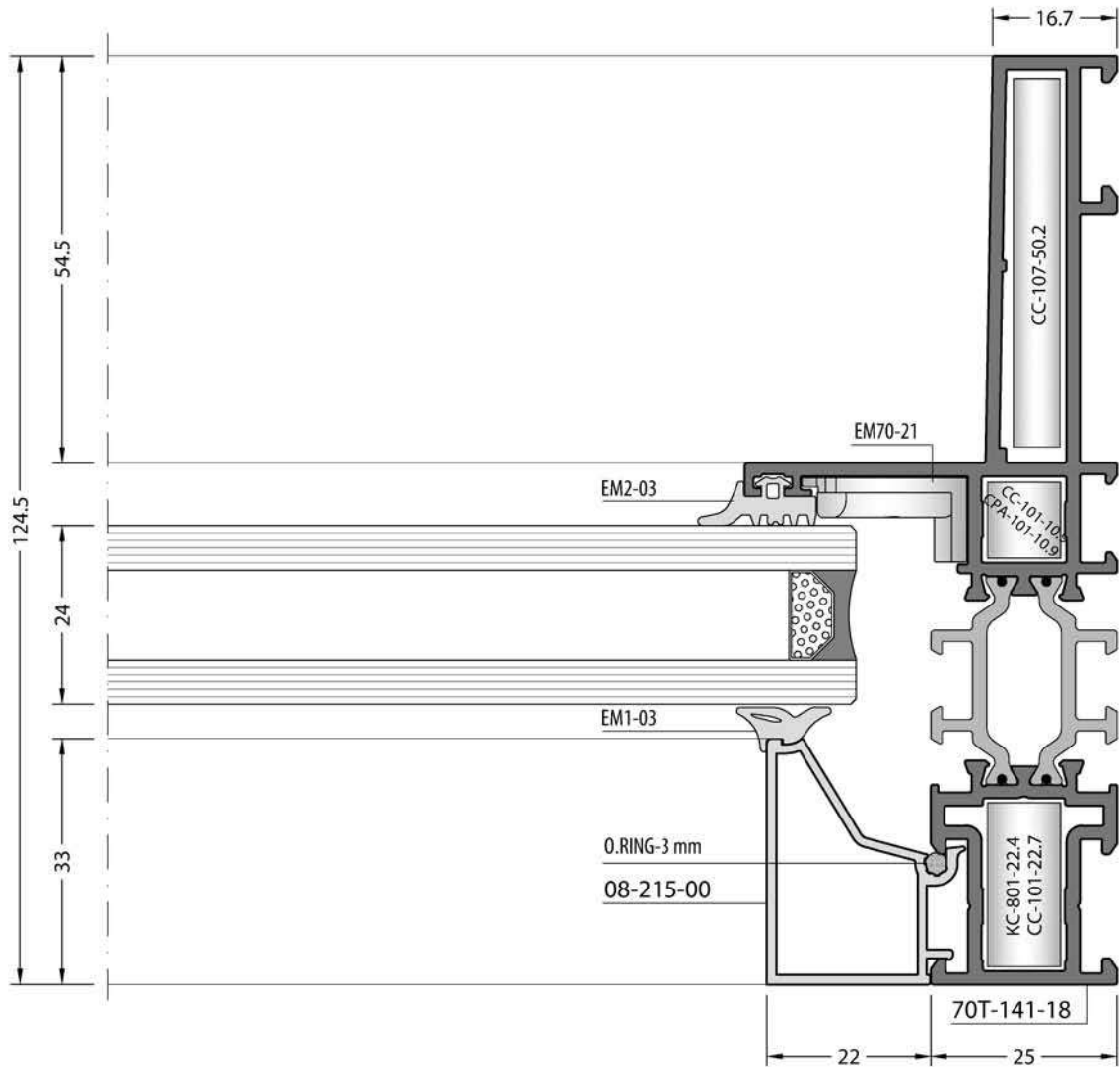
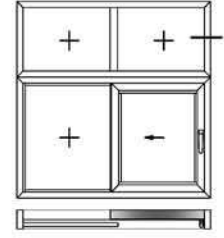


SASH ON INSIDE / KANAT İÇTE



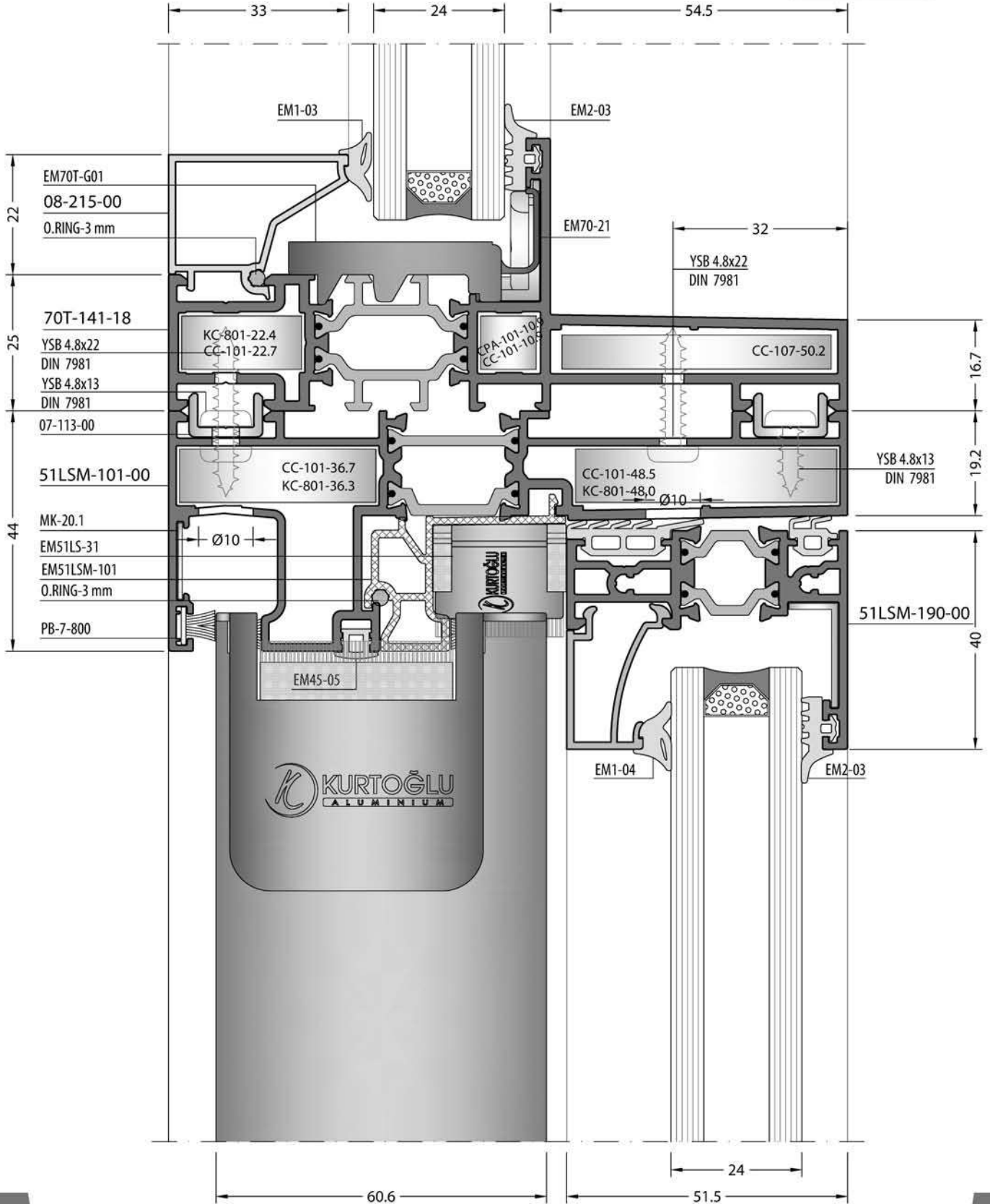
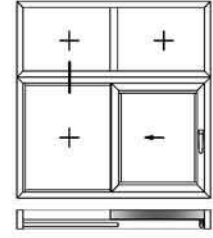


SASH ON INSIDE / KANAT İÇTE

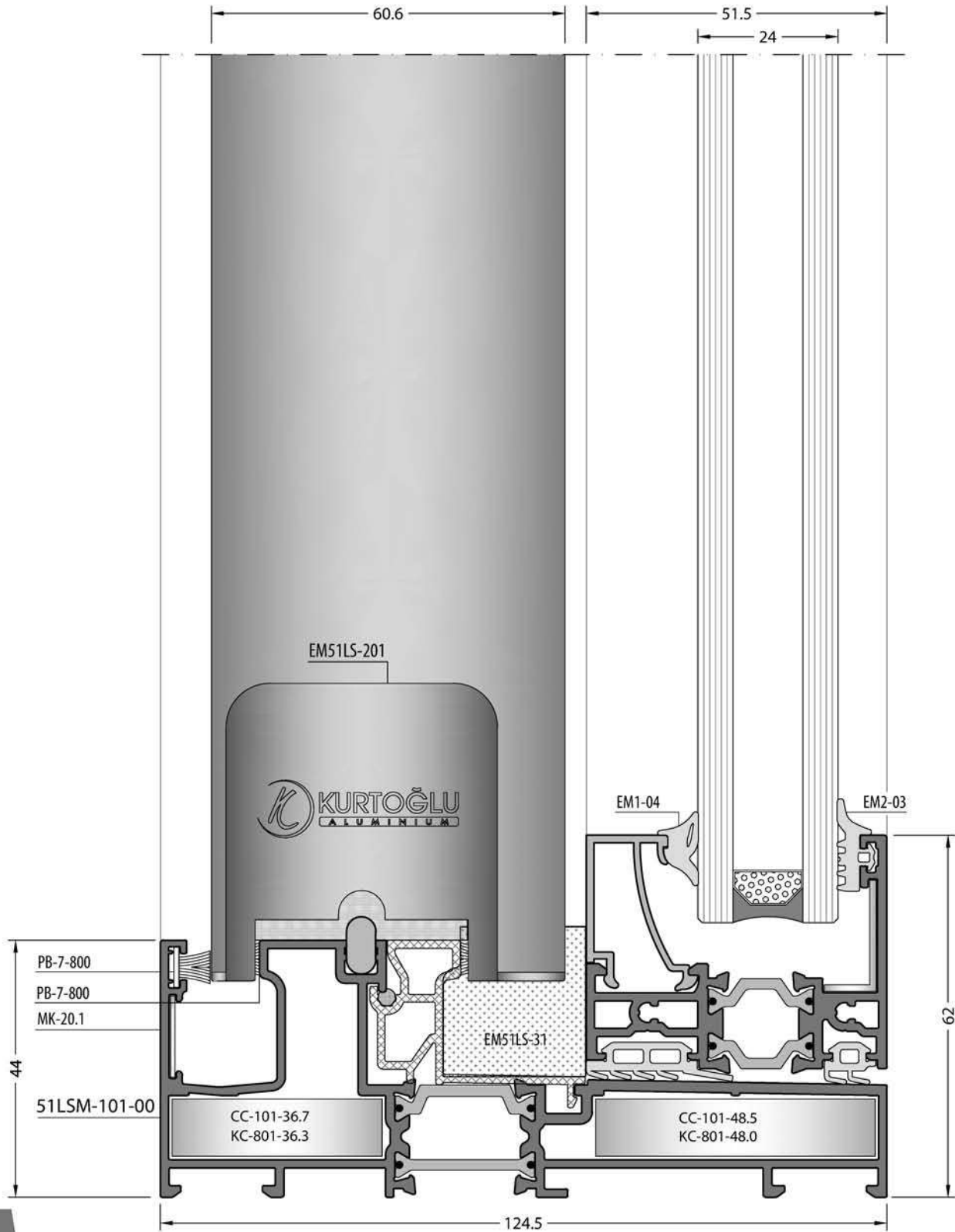
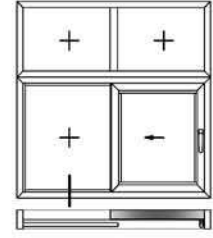




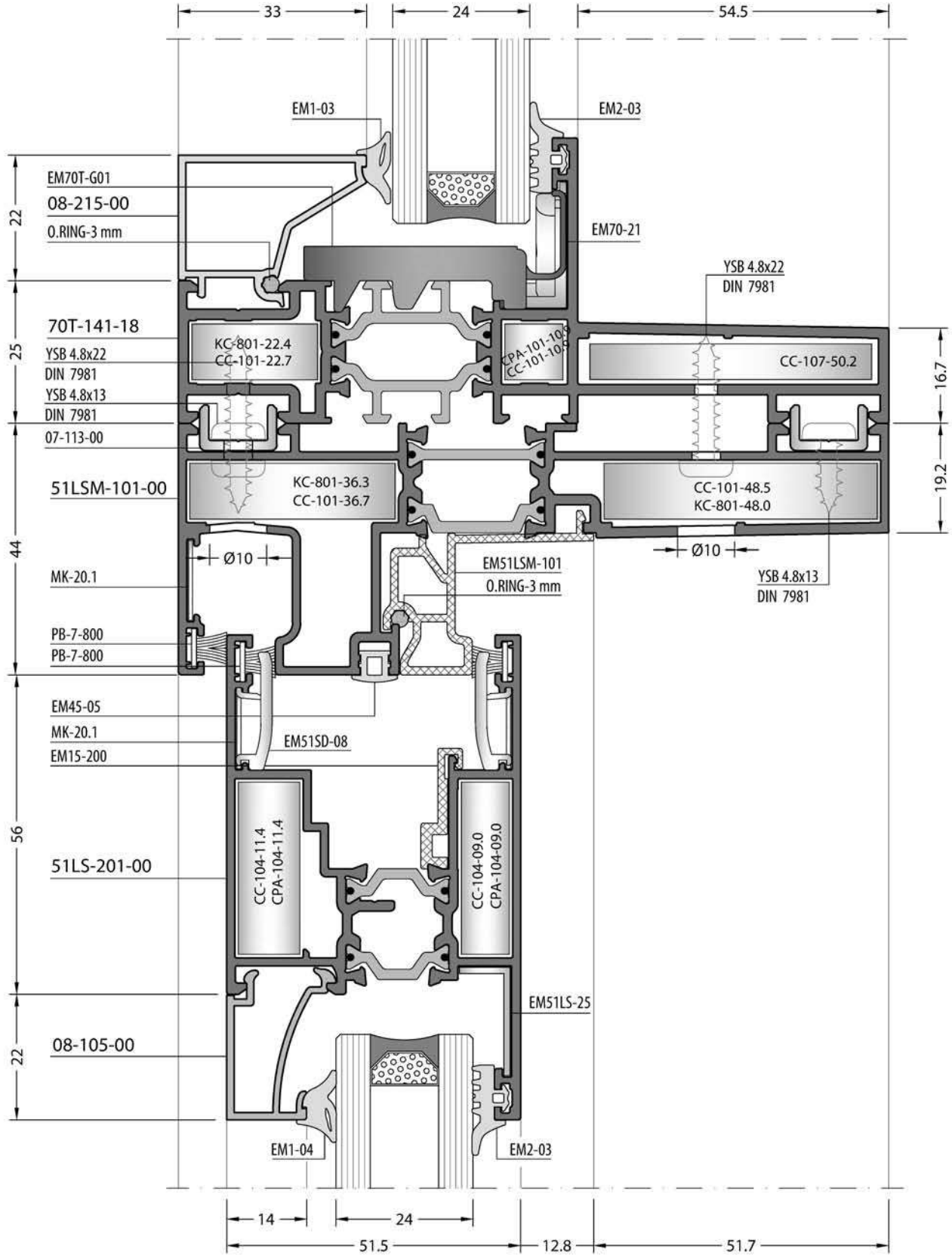
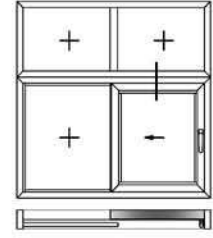
SASH ON INSIDE / KANAT İÇTE



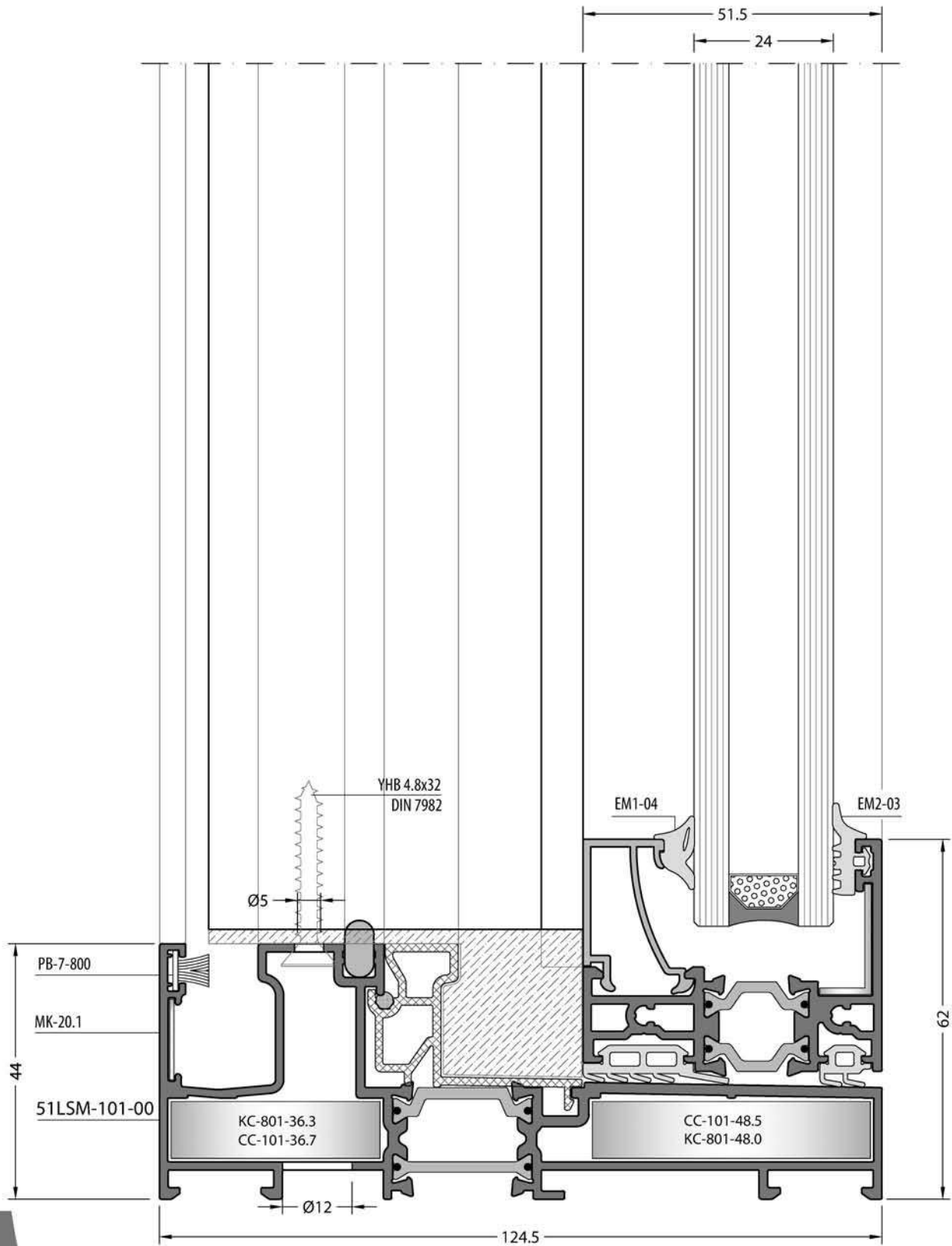
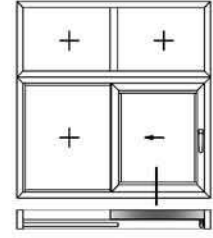
SASH ON INSIDE / KANAT İÇTE



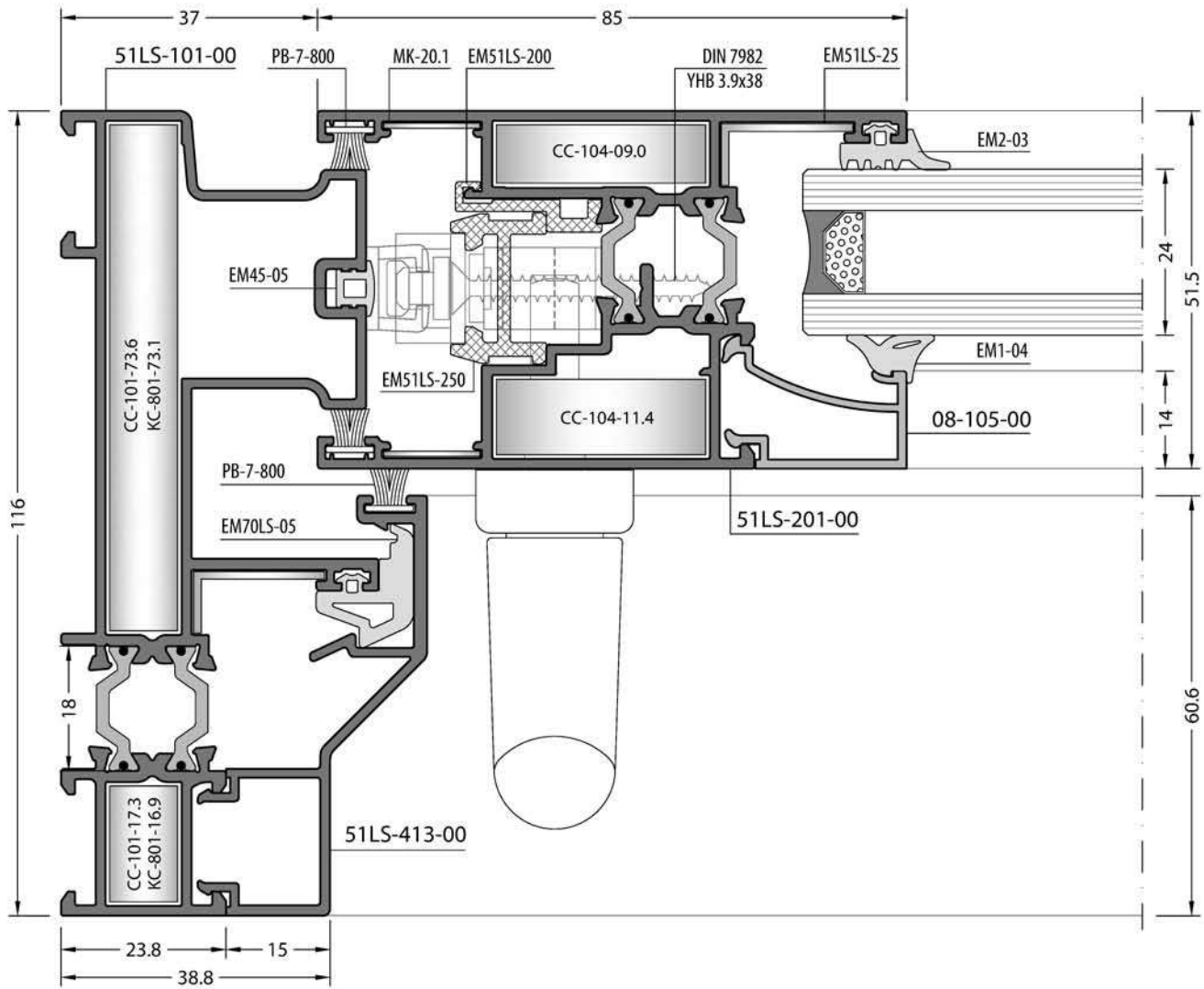
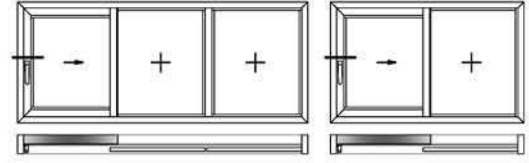
SASH ON INSIDE / KANAT İÇTE



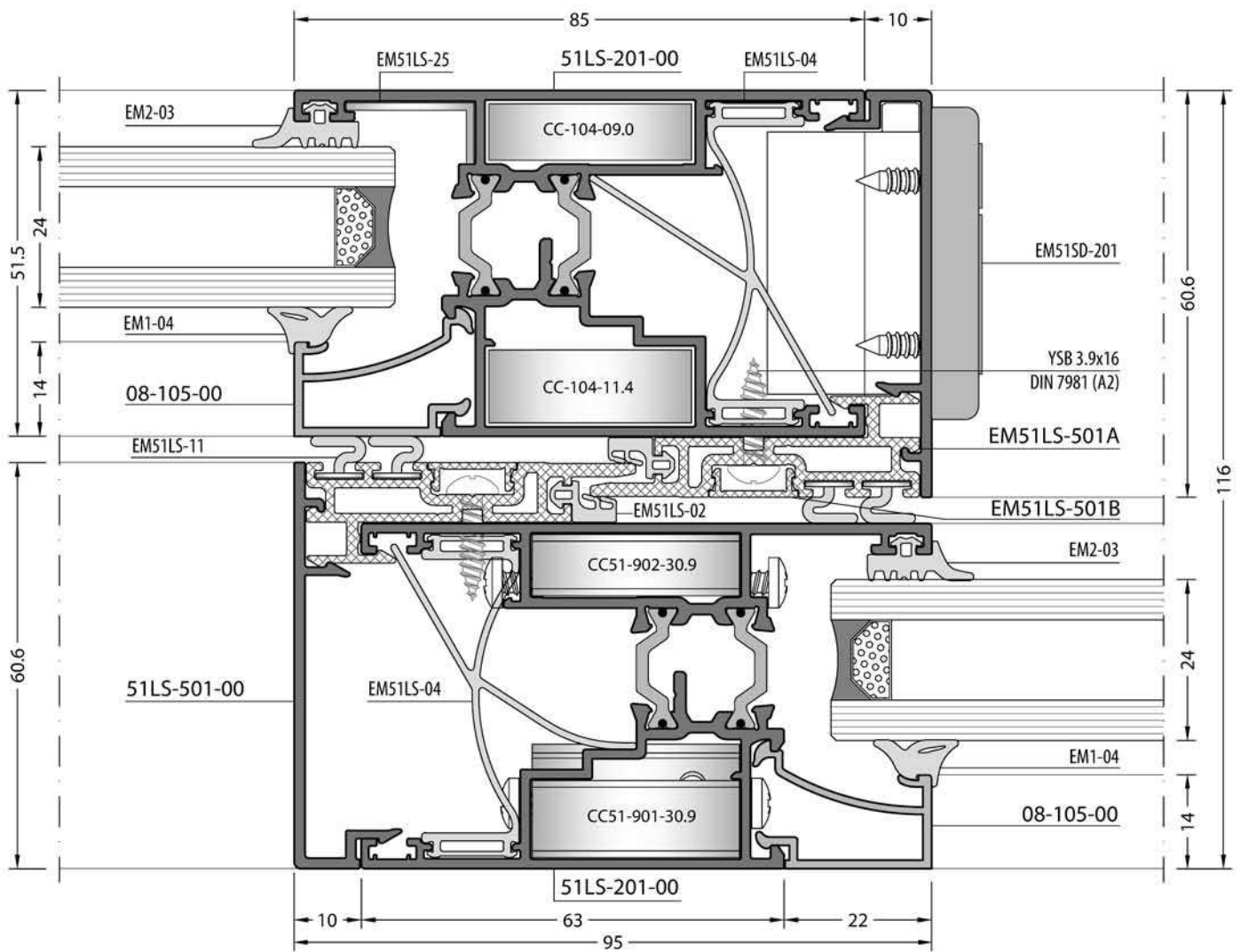
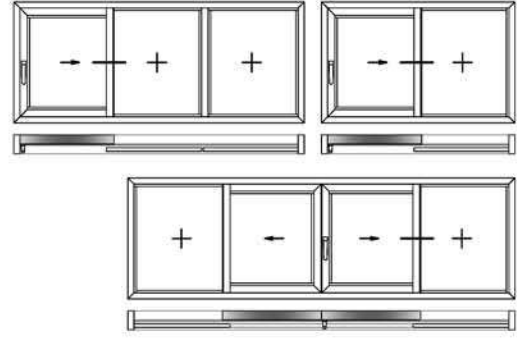
SASH ON INSIDE / KANAT İÇTE

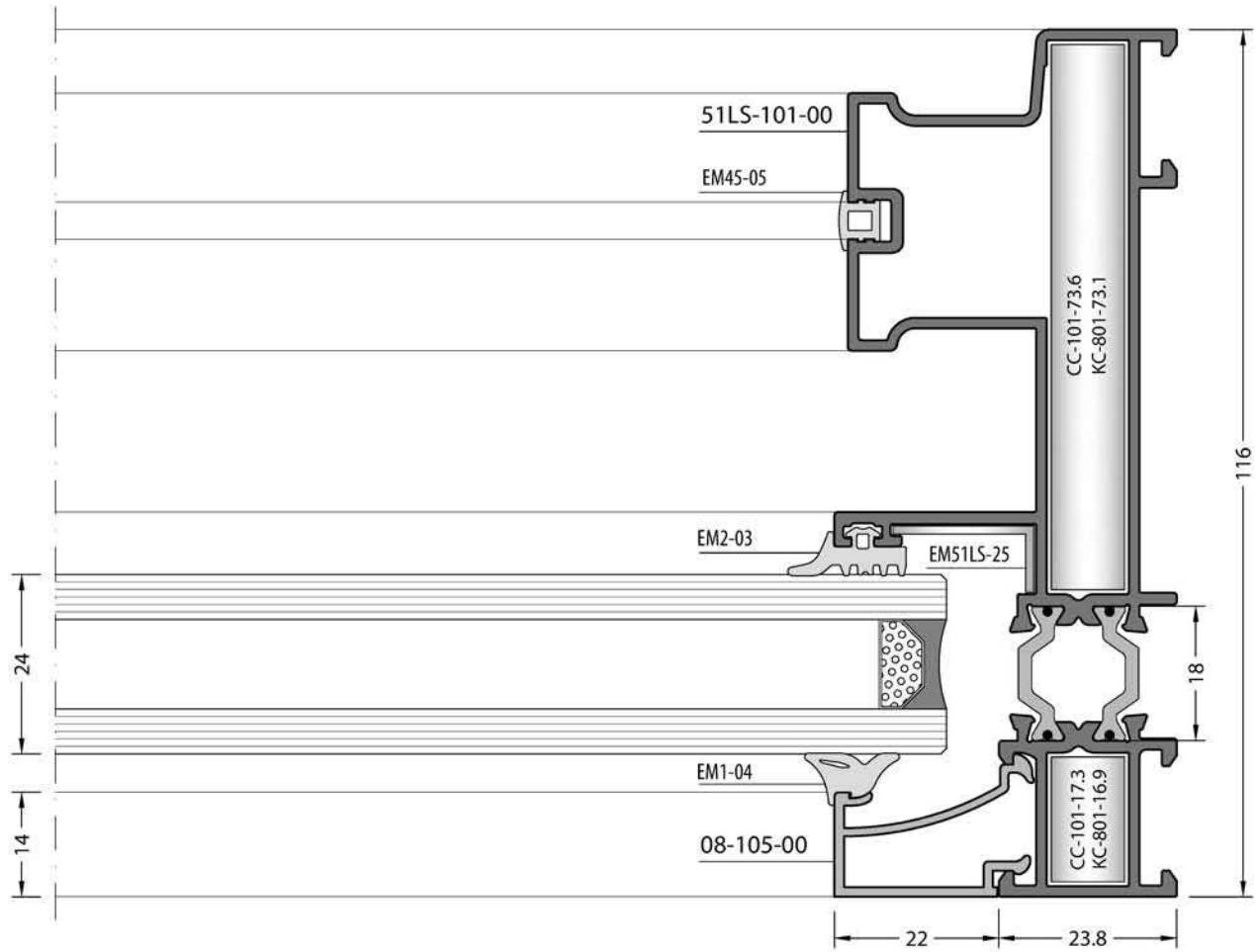
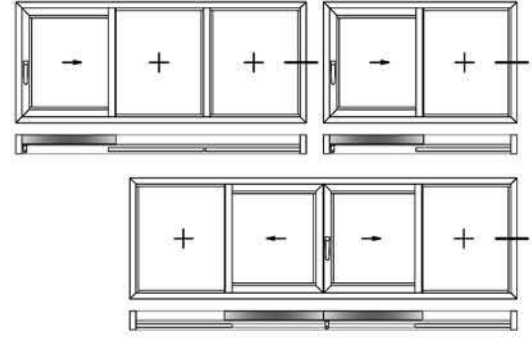


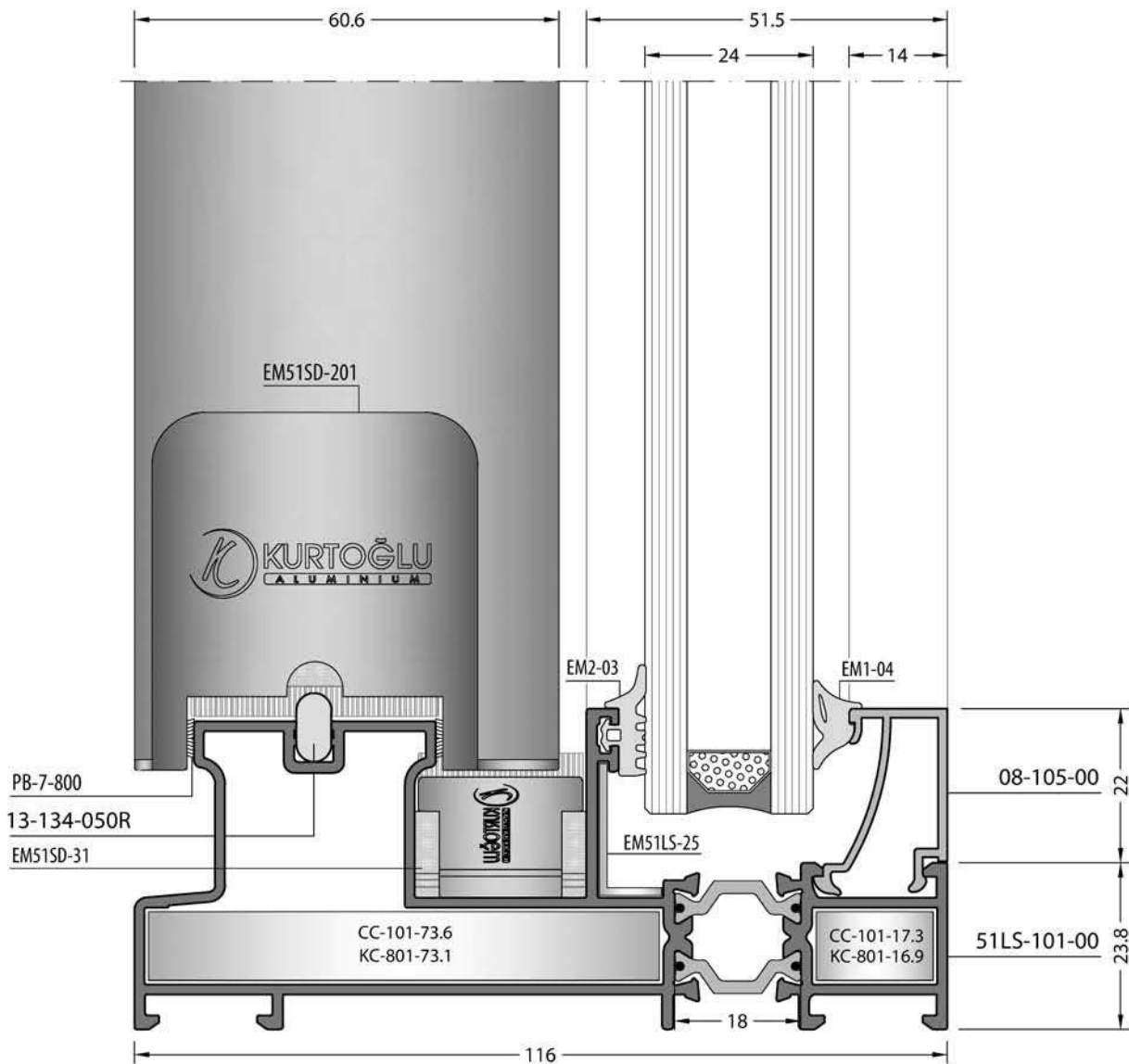
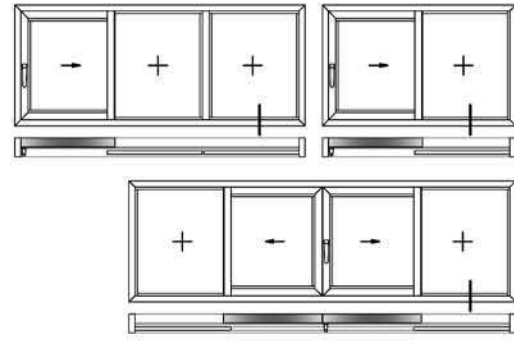
SASH ON OUTSIDE / KANAT DIŞTA

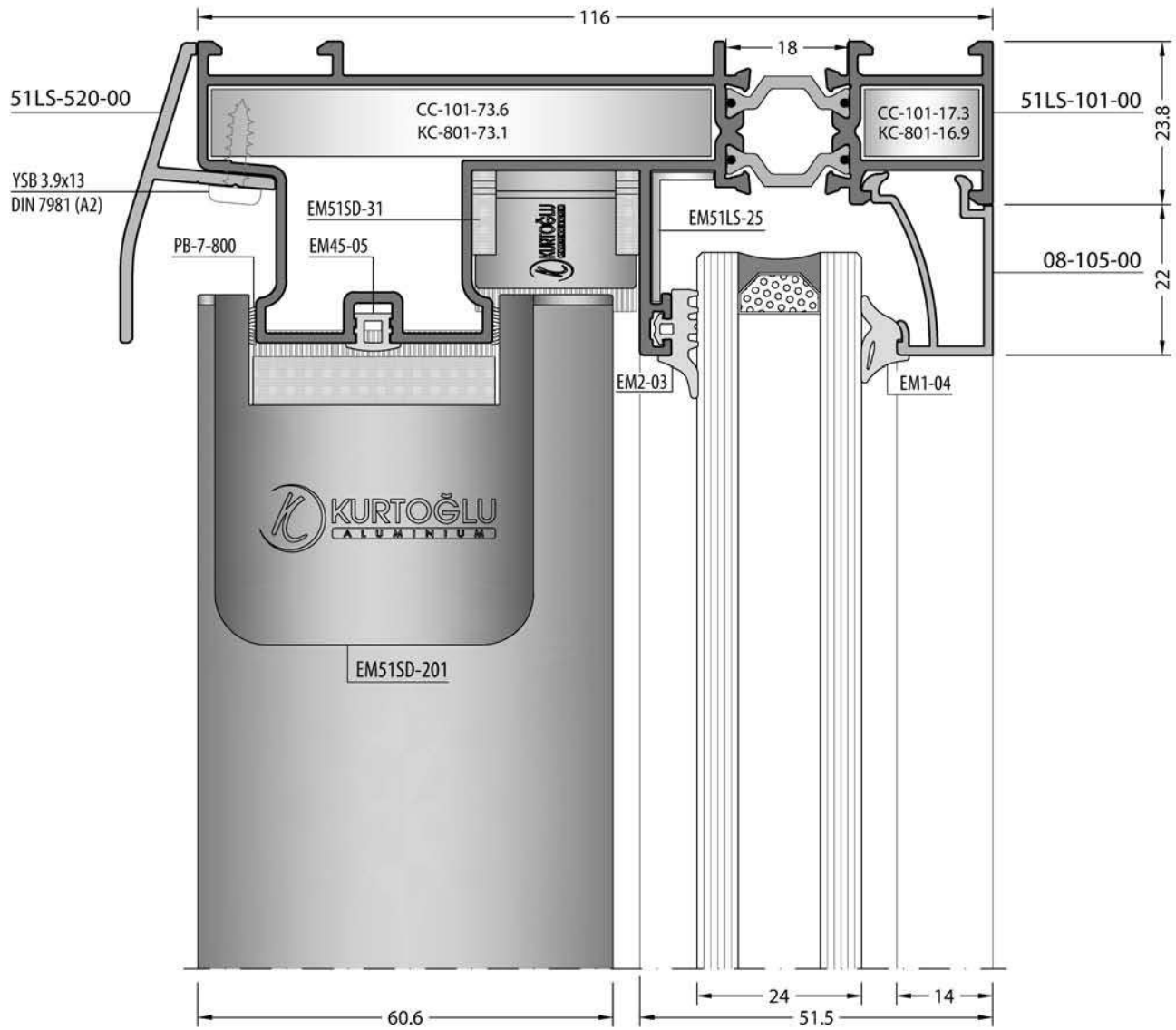
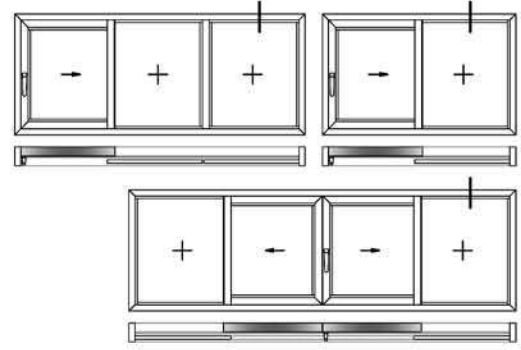


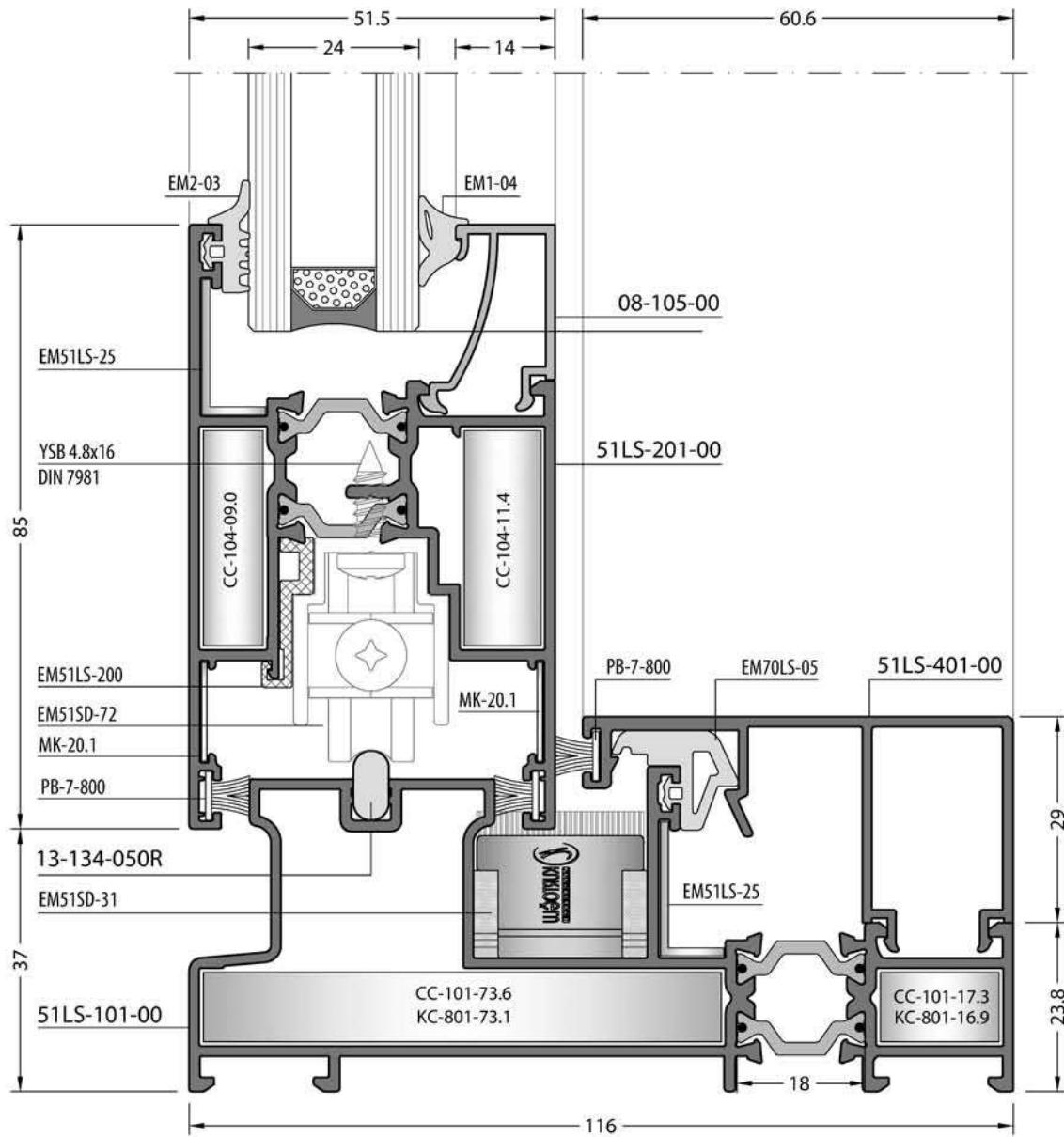
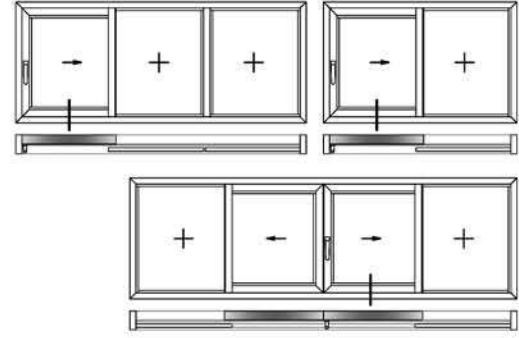
SASH ON OUTSIDE / KANAT DIŞTA

STANDARD CLAMP
STANDART KENET

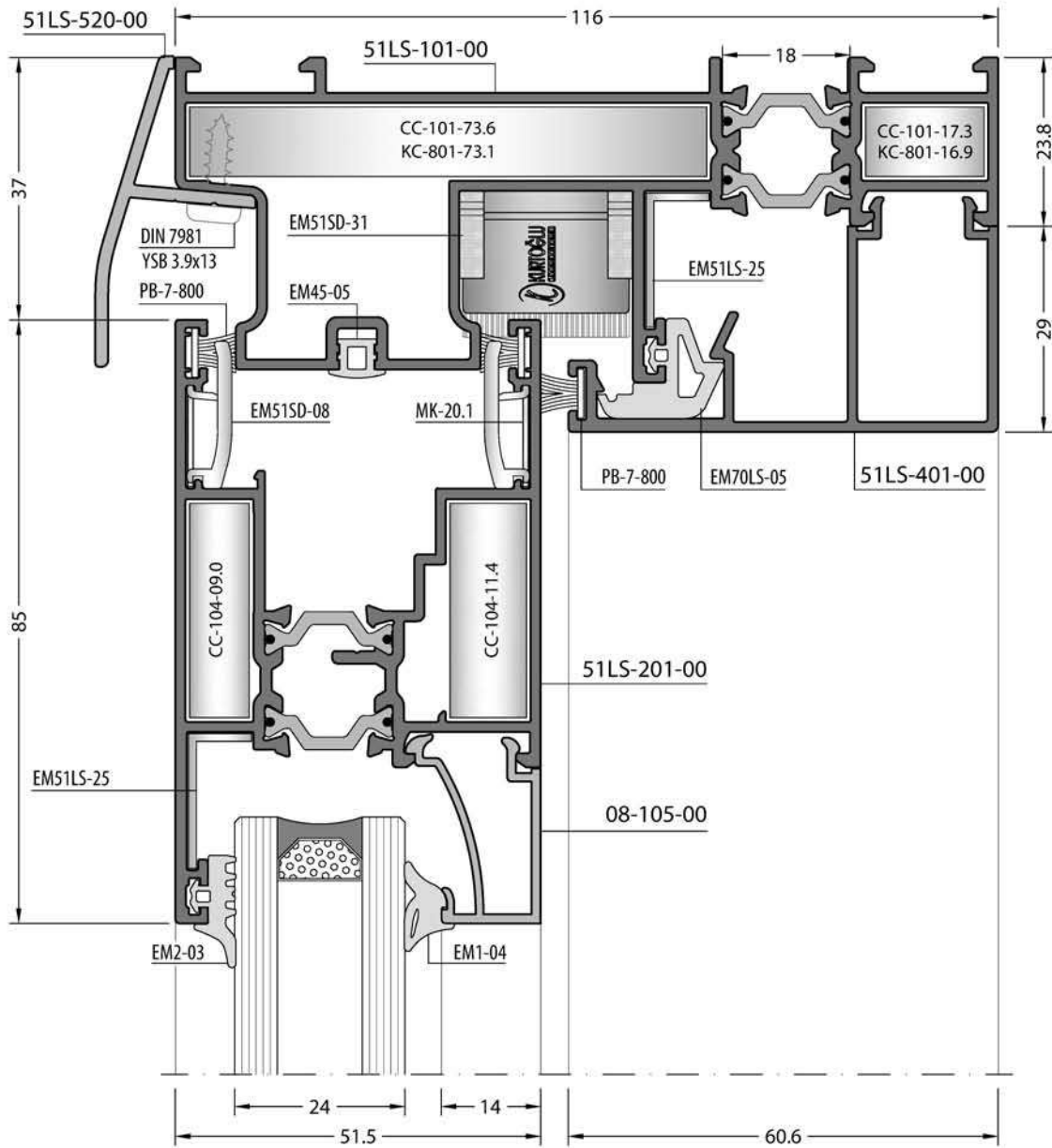
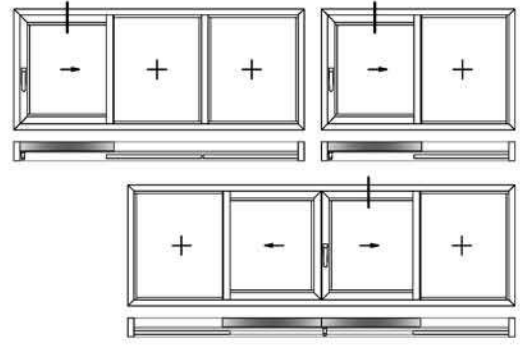






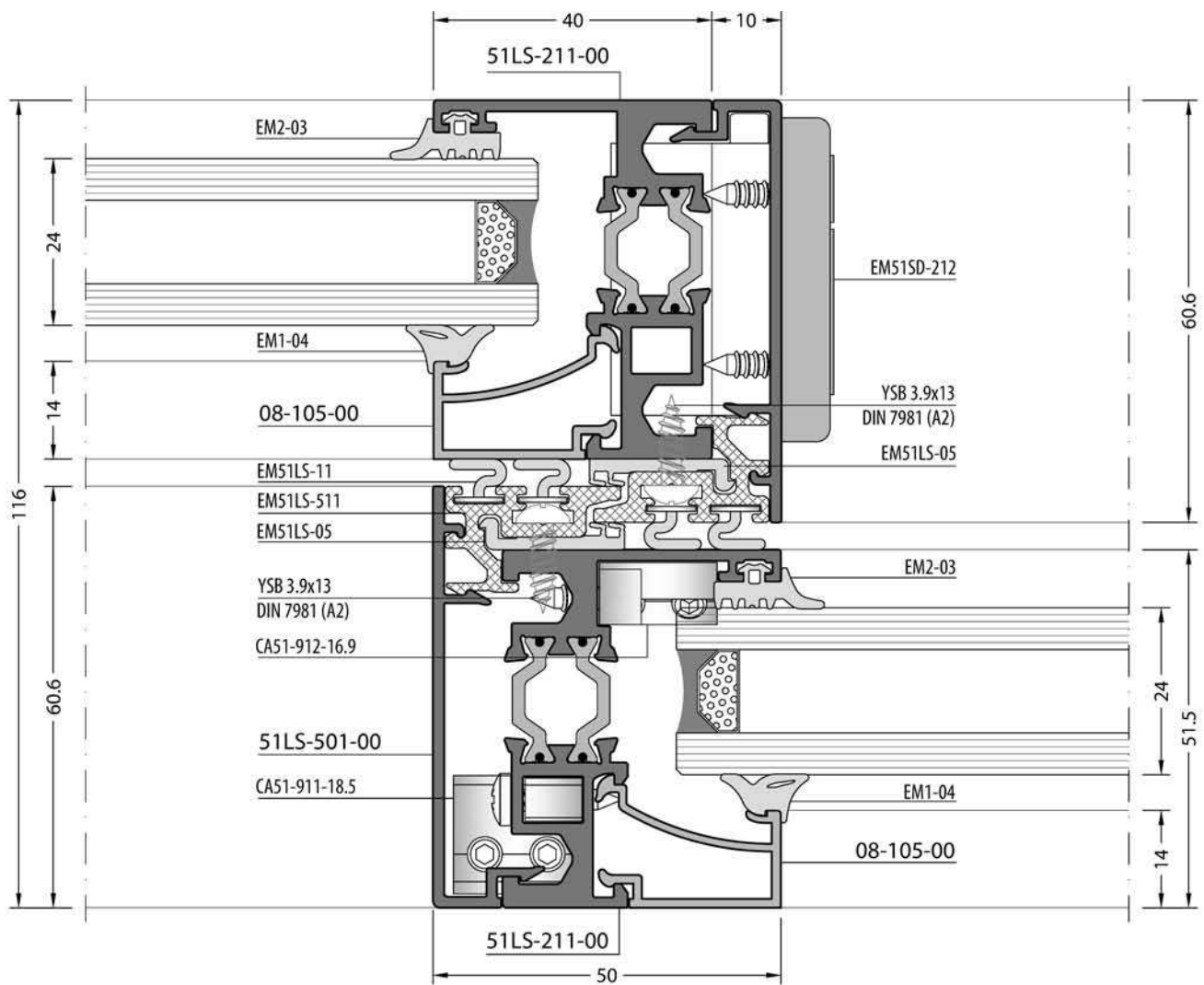
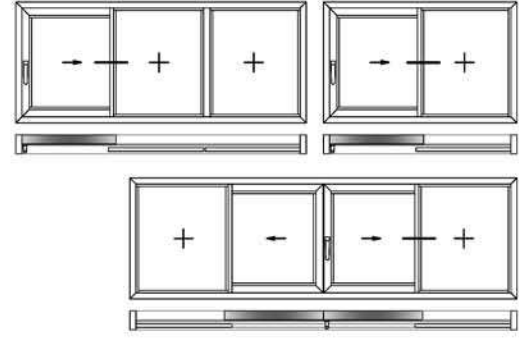


SASH ON OUTSIDE / KANAT DIŞTA



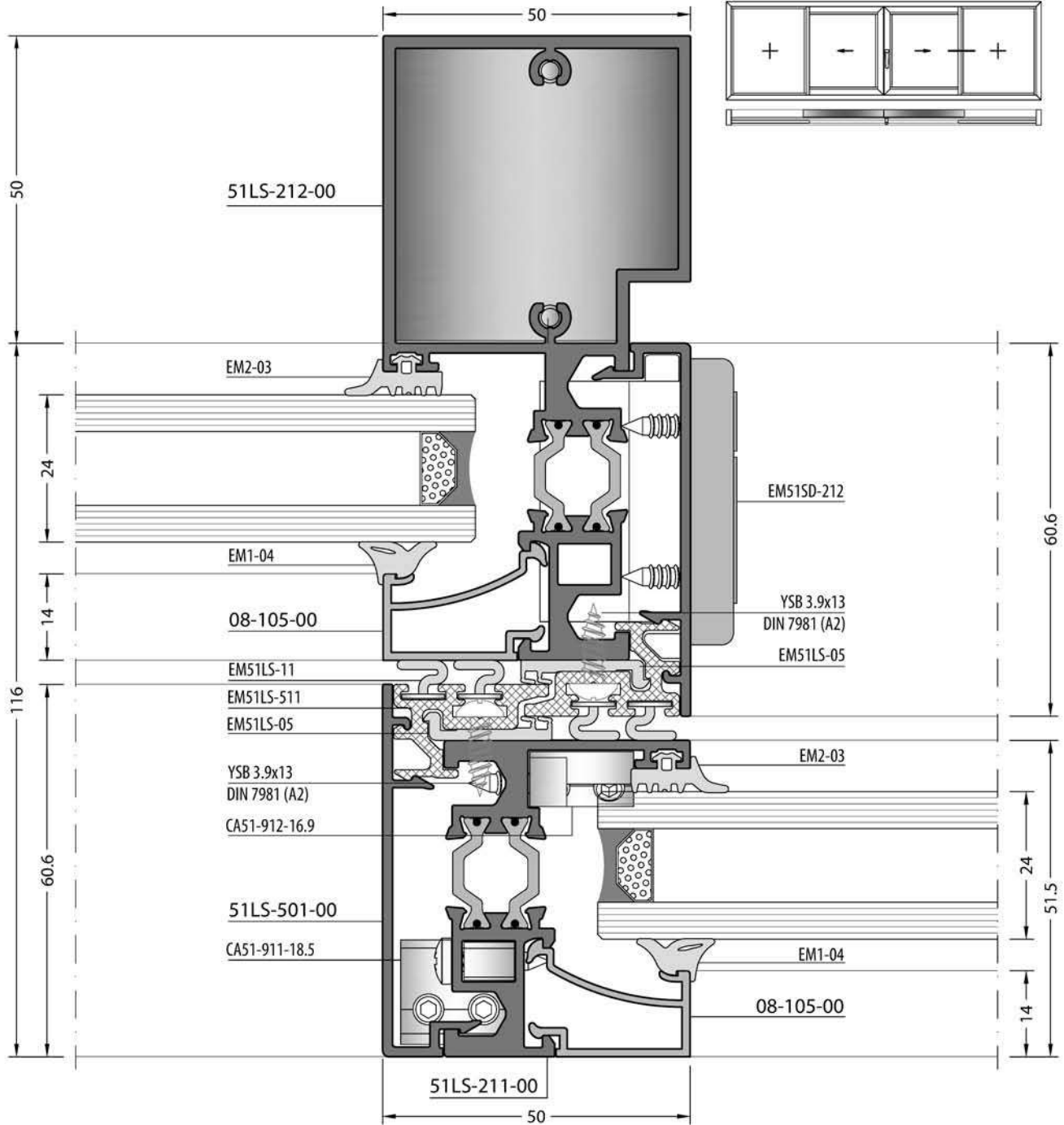
SASH ON OUTSIDE / KANAT DIŞTA

NARROW CLAMP / DAR KENET



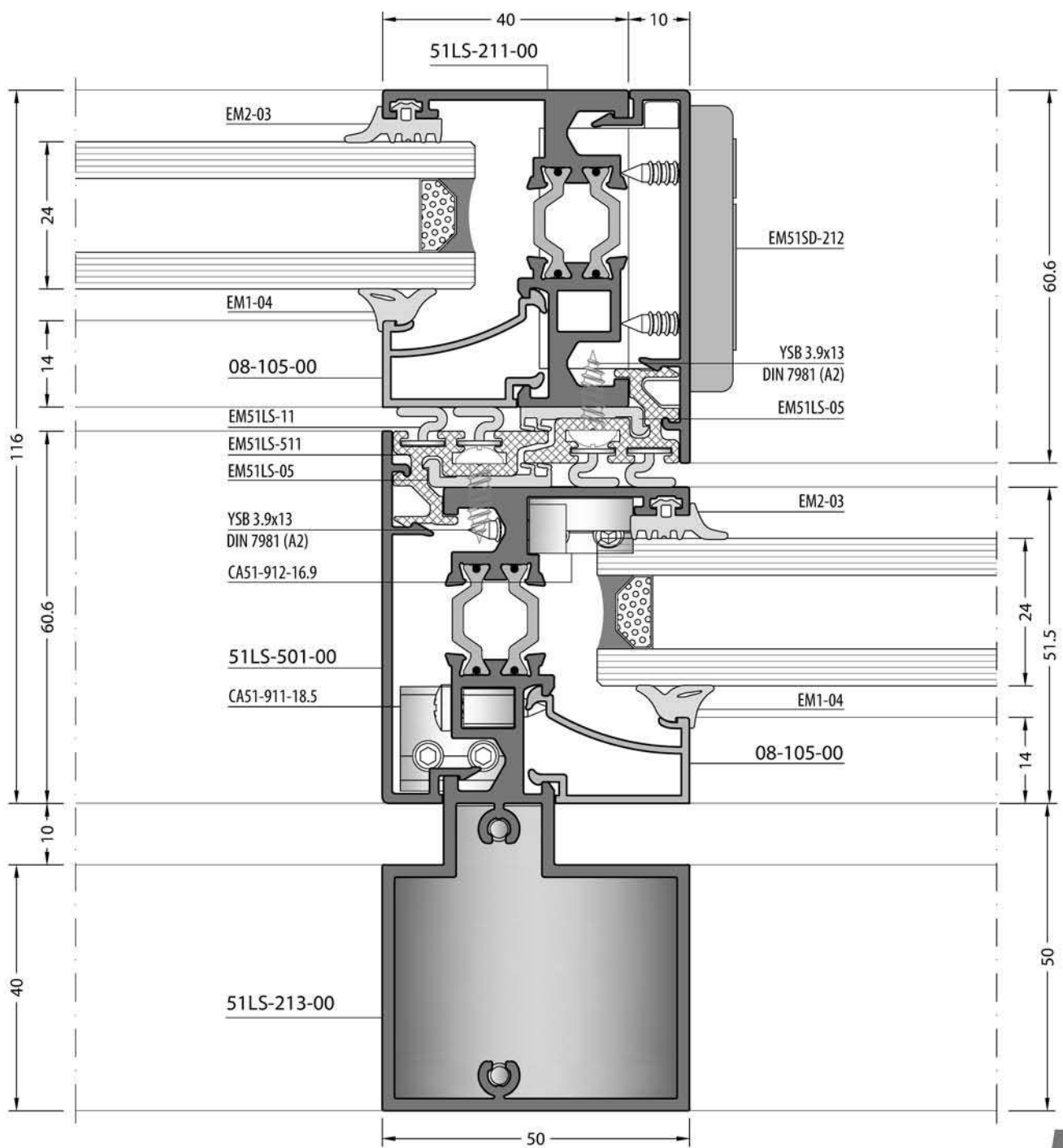
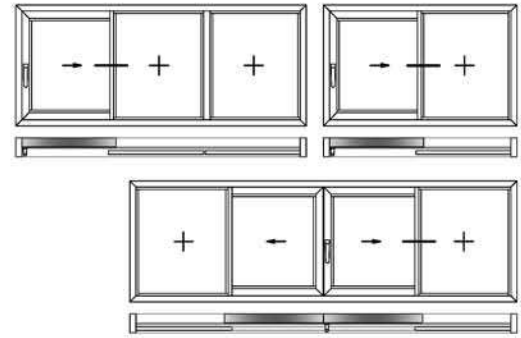
SASH ON OUTSIDE / KANAT DIŞTA

NARROW CLAMP / DAR KENET



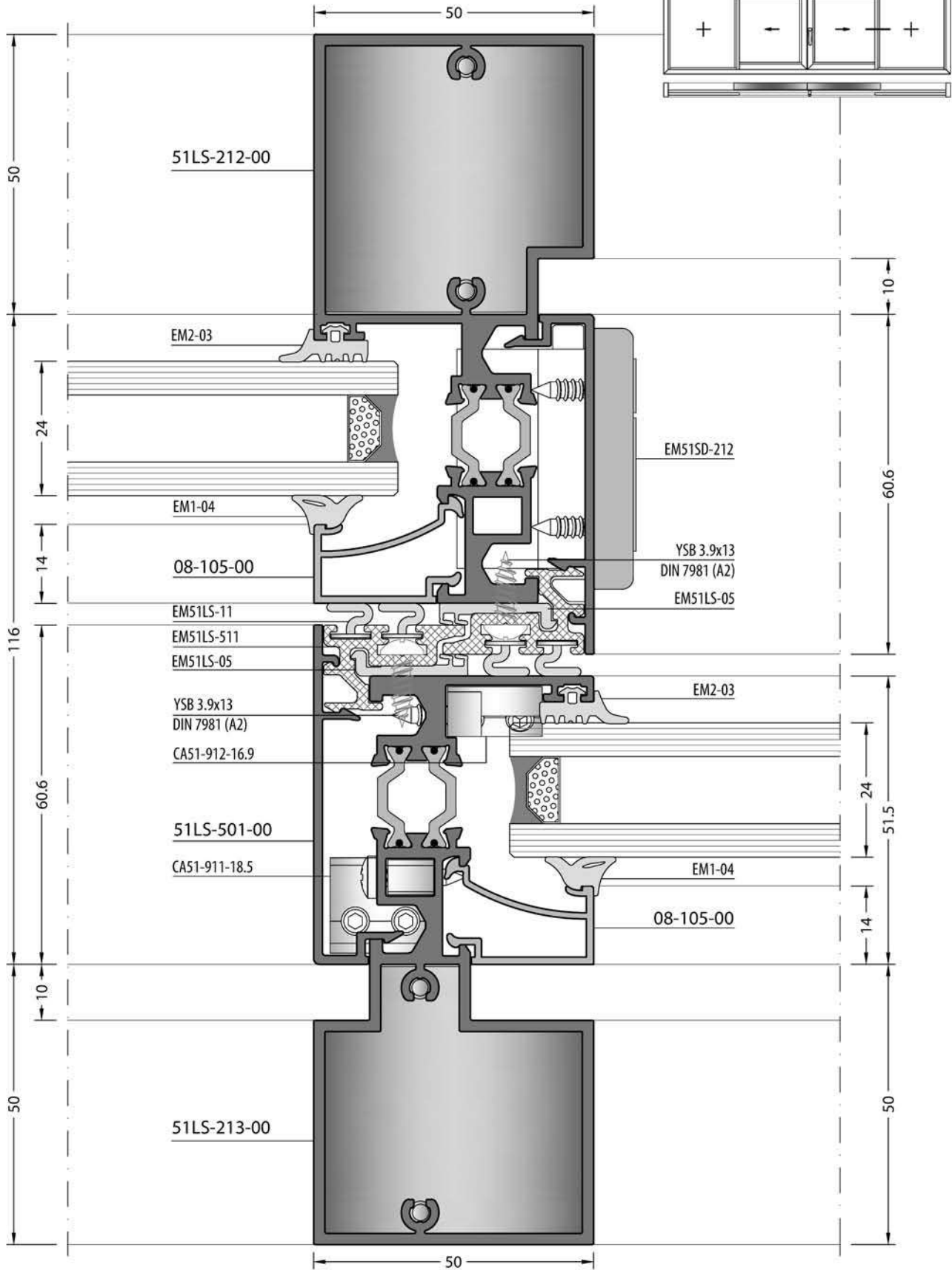
SASH ON OUTSIDE / KANAT DIŞTA

NARROW CLAMP / DAR KENET



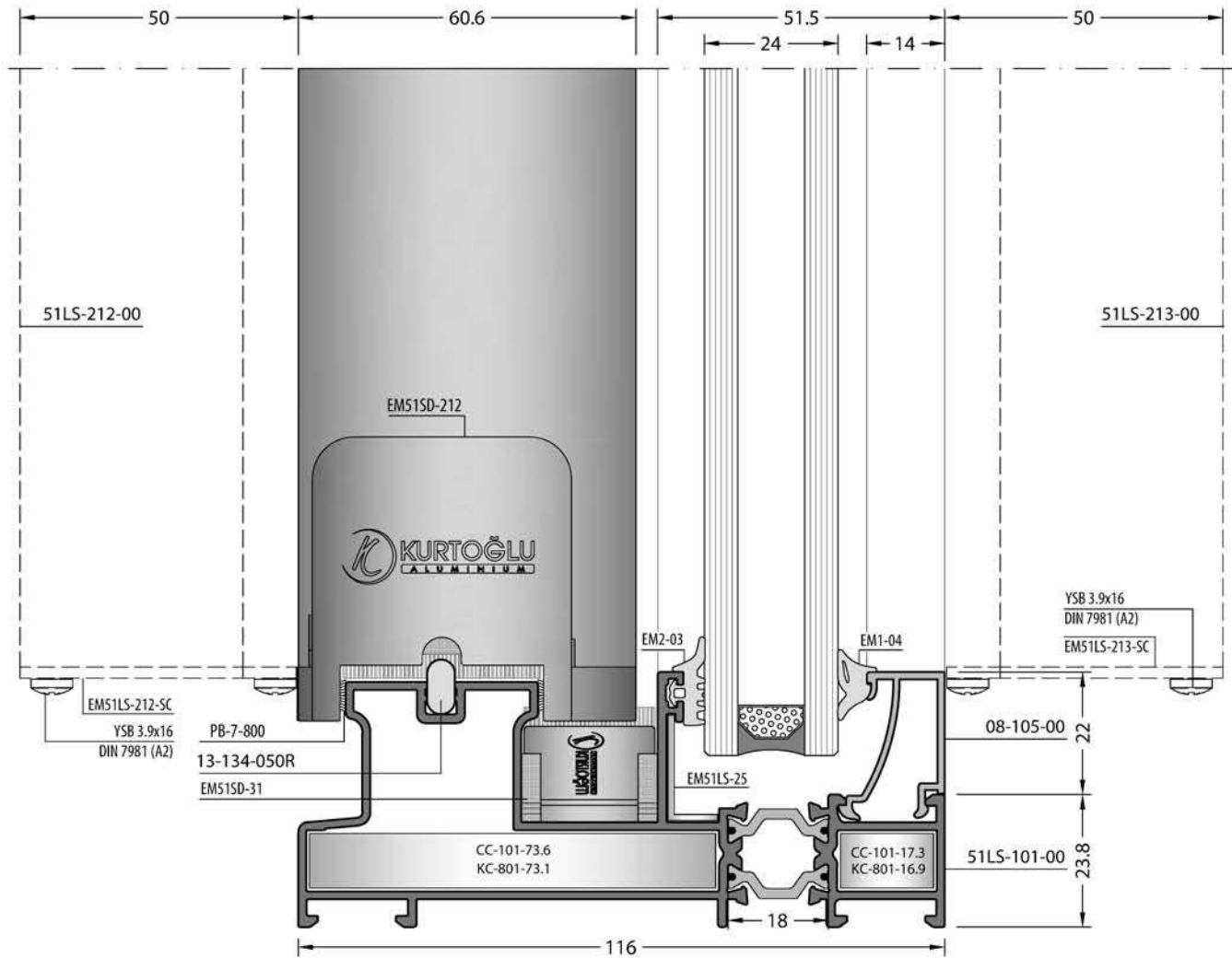
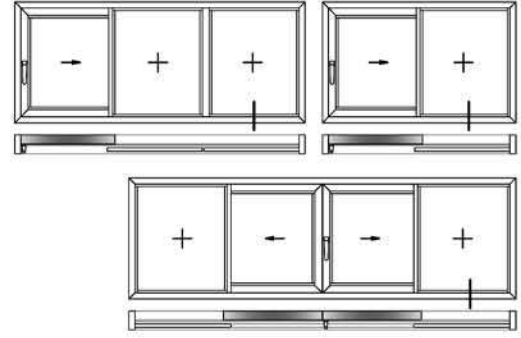
SASH ON OUTSIDE / KANAT DIŞTA

NARROW CLAMP / DAR KENET



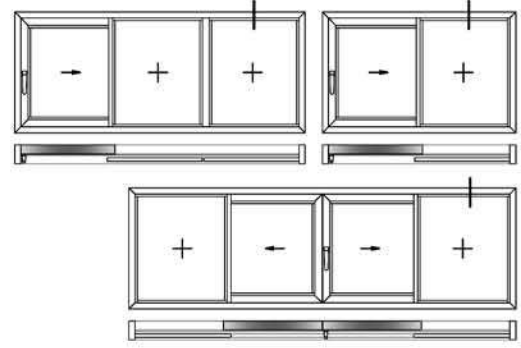
SASH ON OUTSIDE / KANAT DIŞTA

NARROW CLAMP / DAR KENET



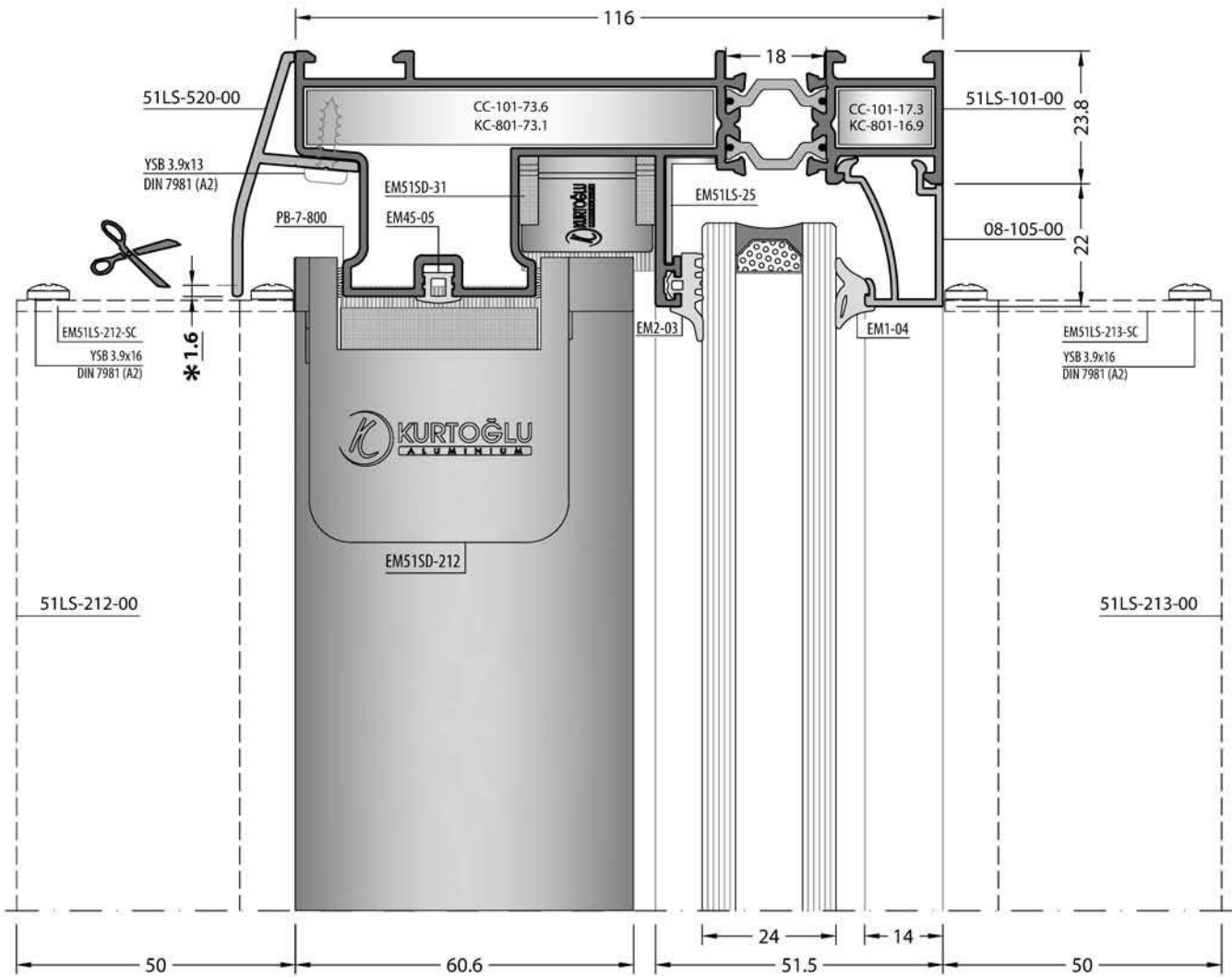
SASH ON OUTSIDE / KANAT DIŞTA

NARROW CLAMP / DAR KENET

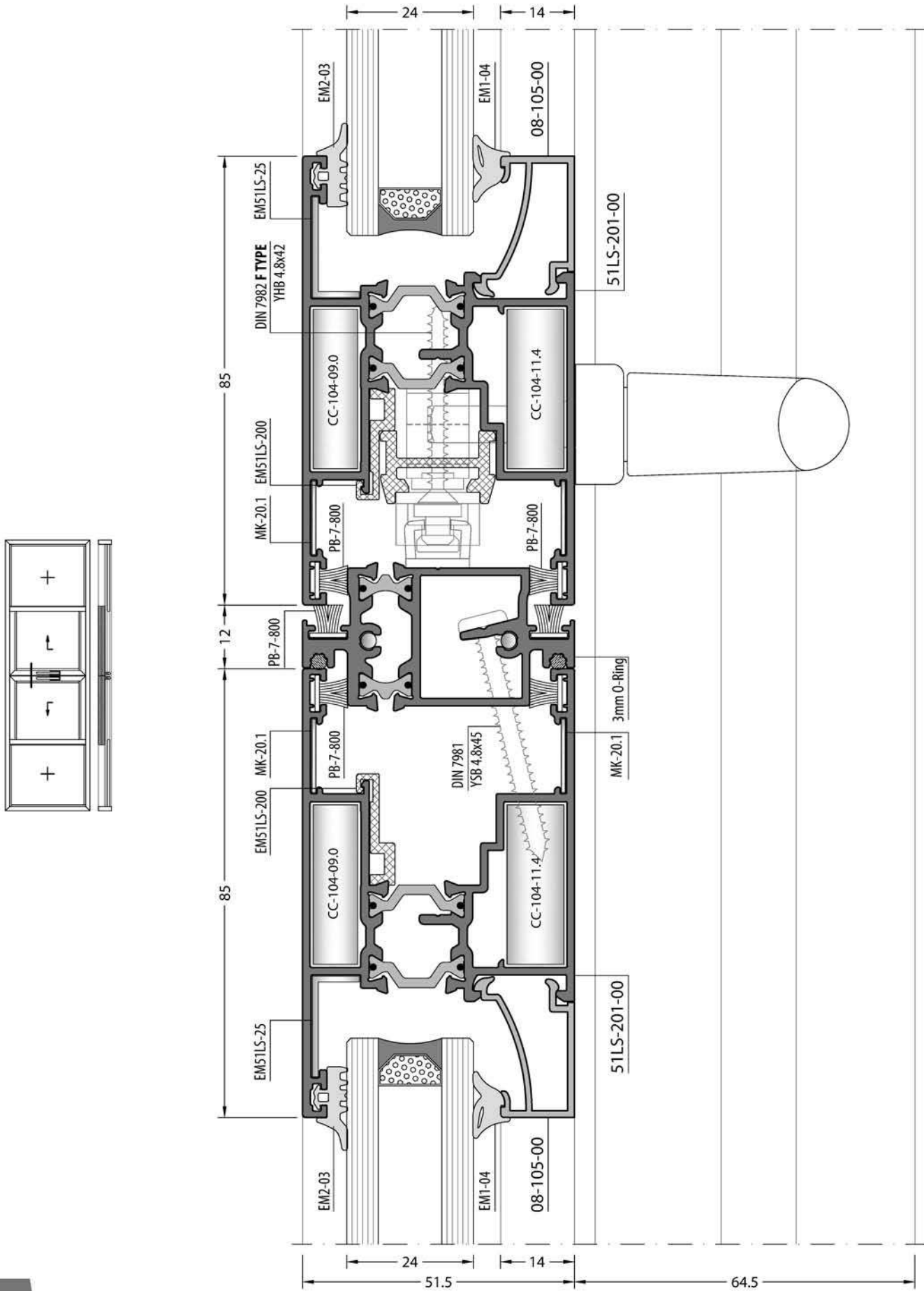


If outside supported profile (51LS-212-00) used, dropper profile (51LS-520-00) must be cutted.

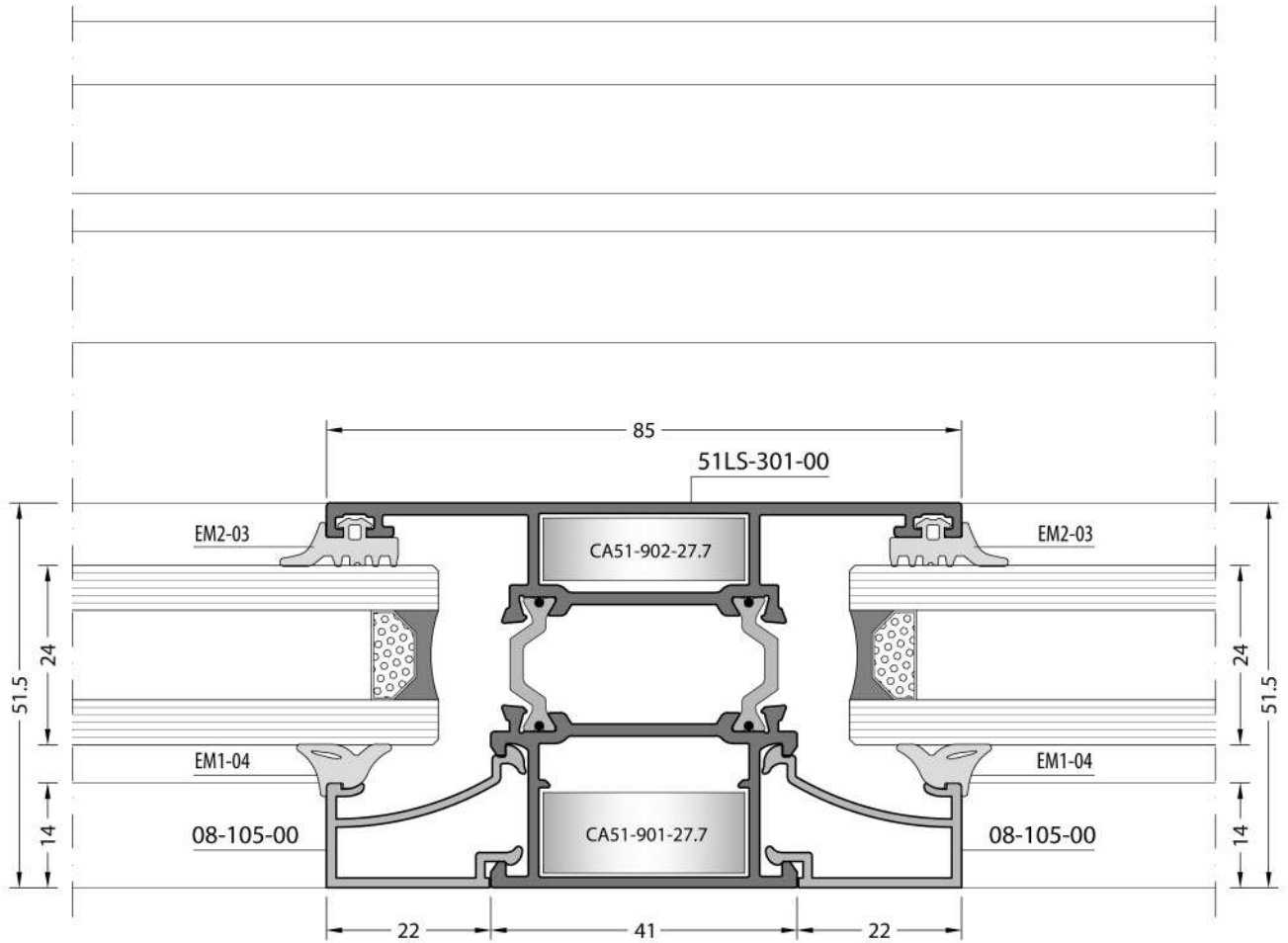
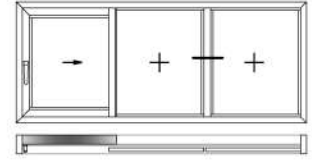
* Dışta takviyeli profil (51LS-212-00) varsa damlalık profili (51LS-520-00) kesilmelidir.
Needs touch-up paint / Rütüş boyası gereklidir.



SASH ON OUTSIDE / KANAT DIŞTA



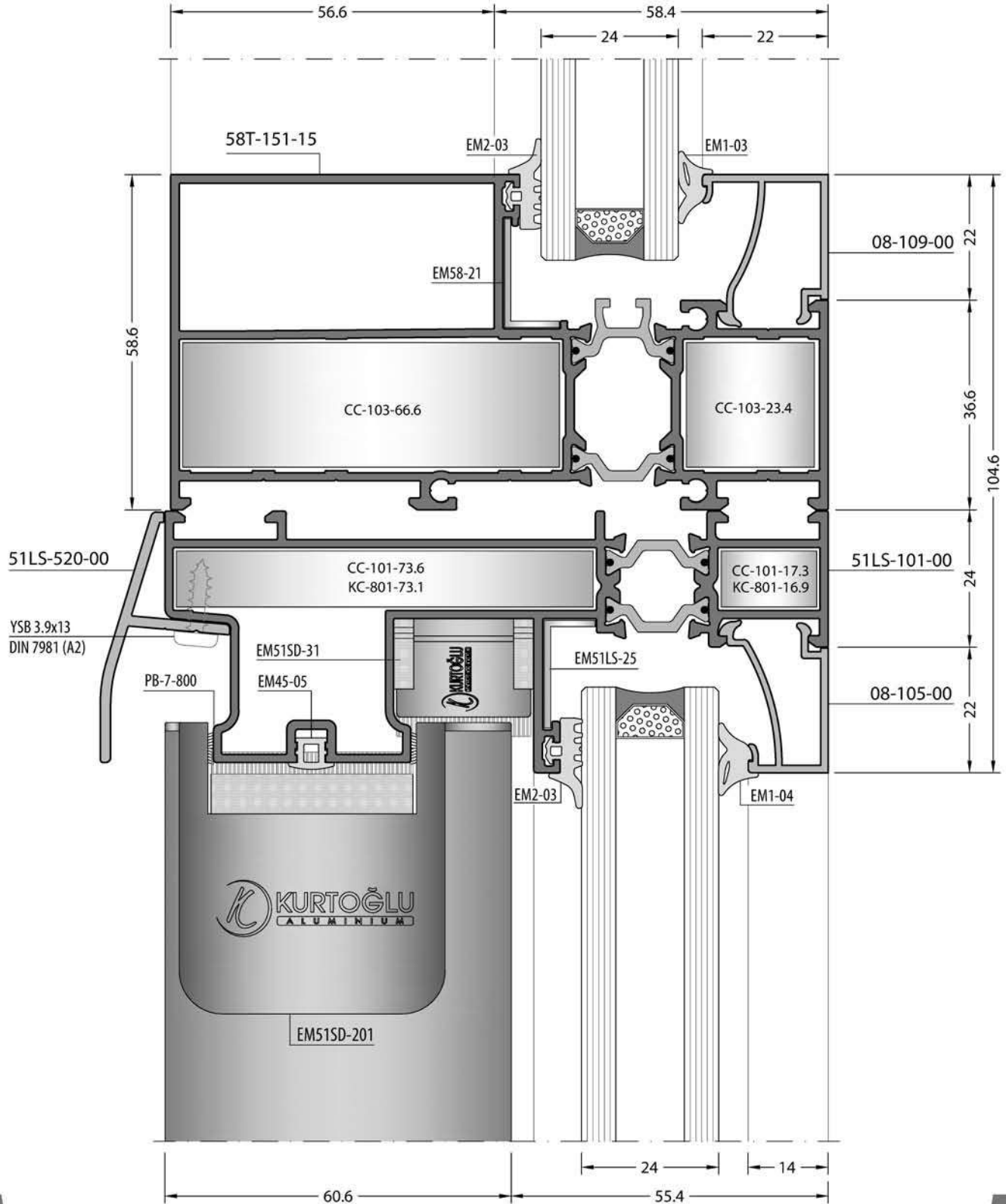
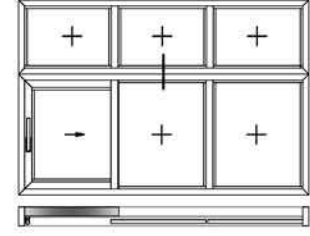
SASH ON OUTSIDE / KANAT DIŞTA



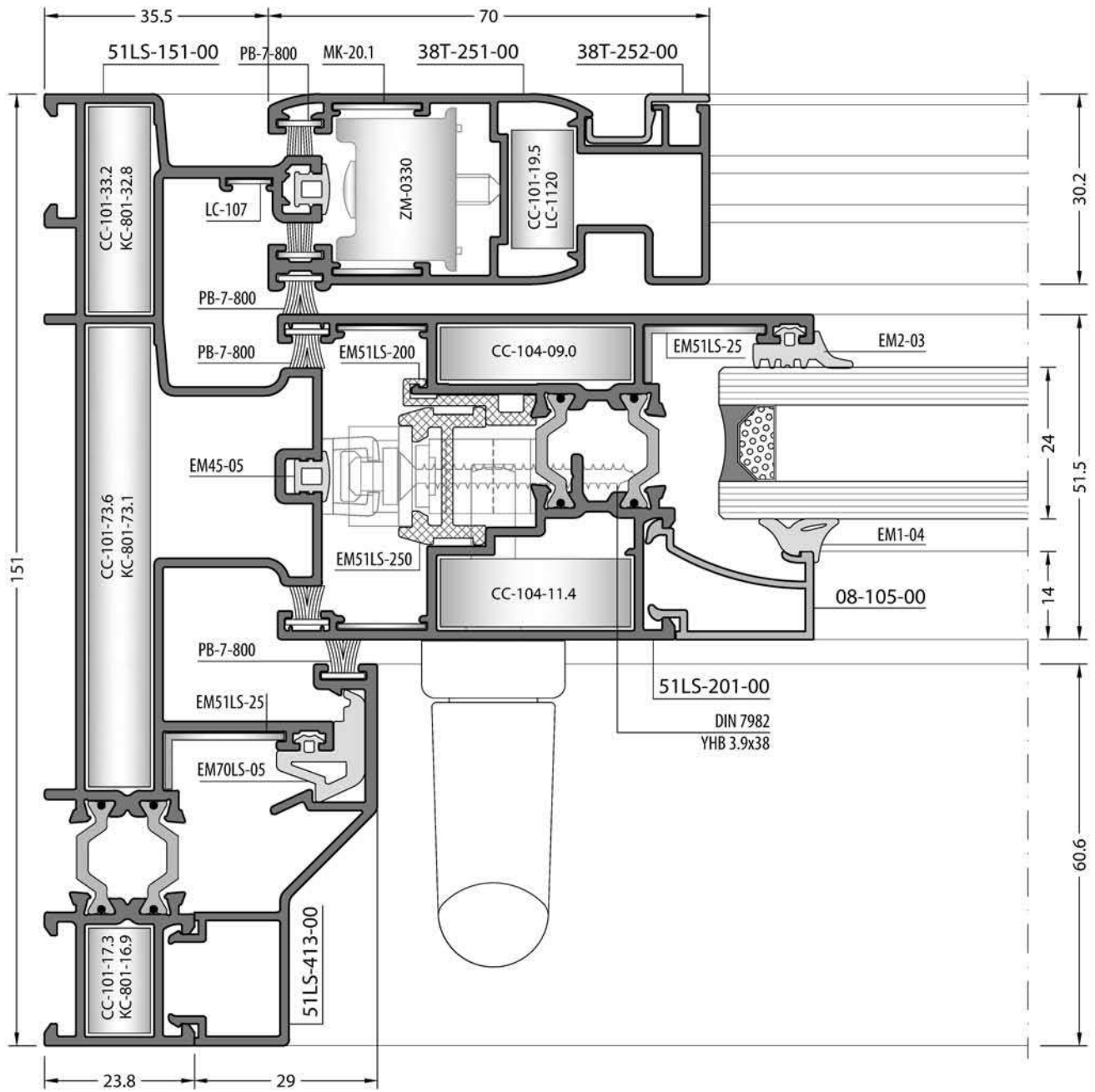
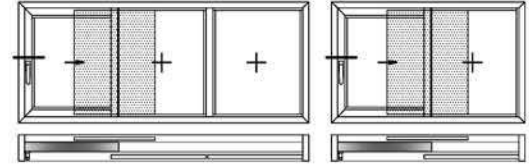
SASH ON OUTSIDE / KANAT DIŞTA

Please look at the 58T catalogue for 58T-151B-15
profile glazing combinations.

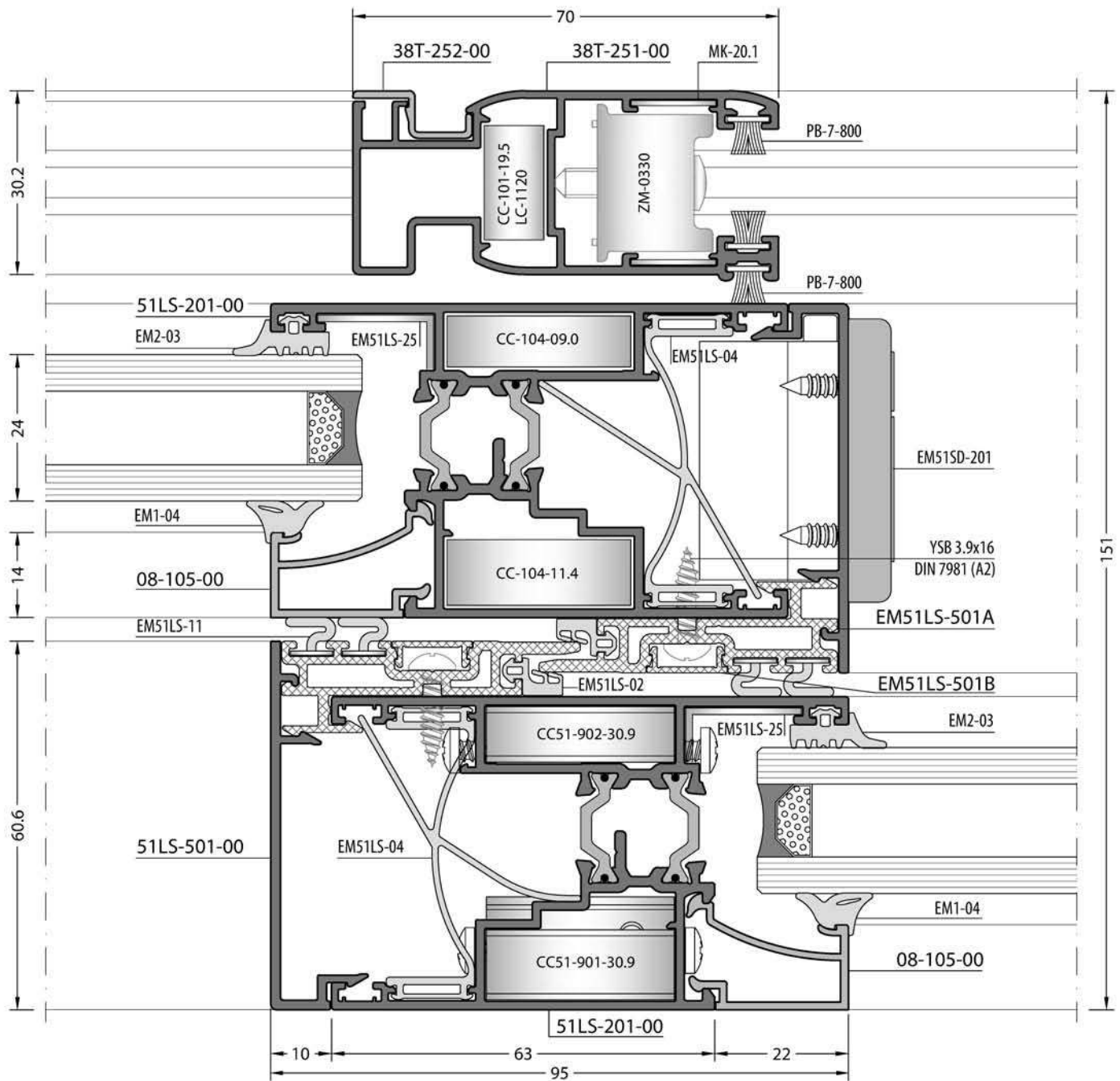
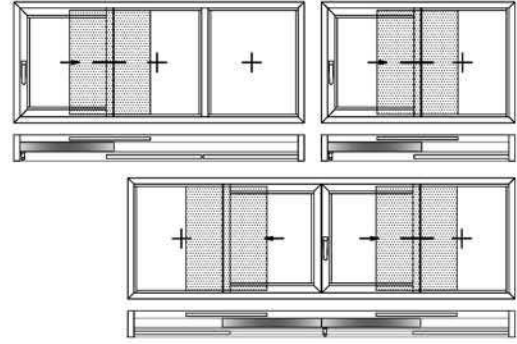
58T-151B-15 profilinin cam kombinasyonu için
58T kataloğuna bakınız.

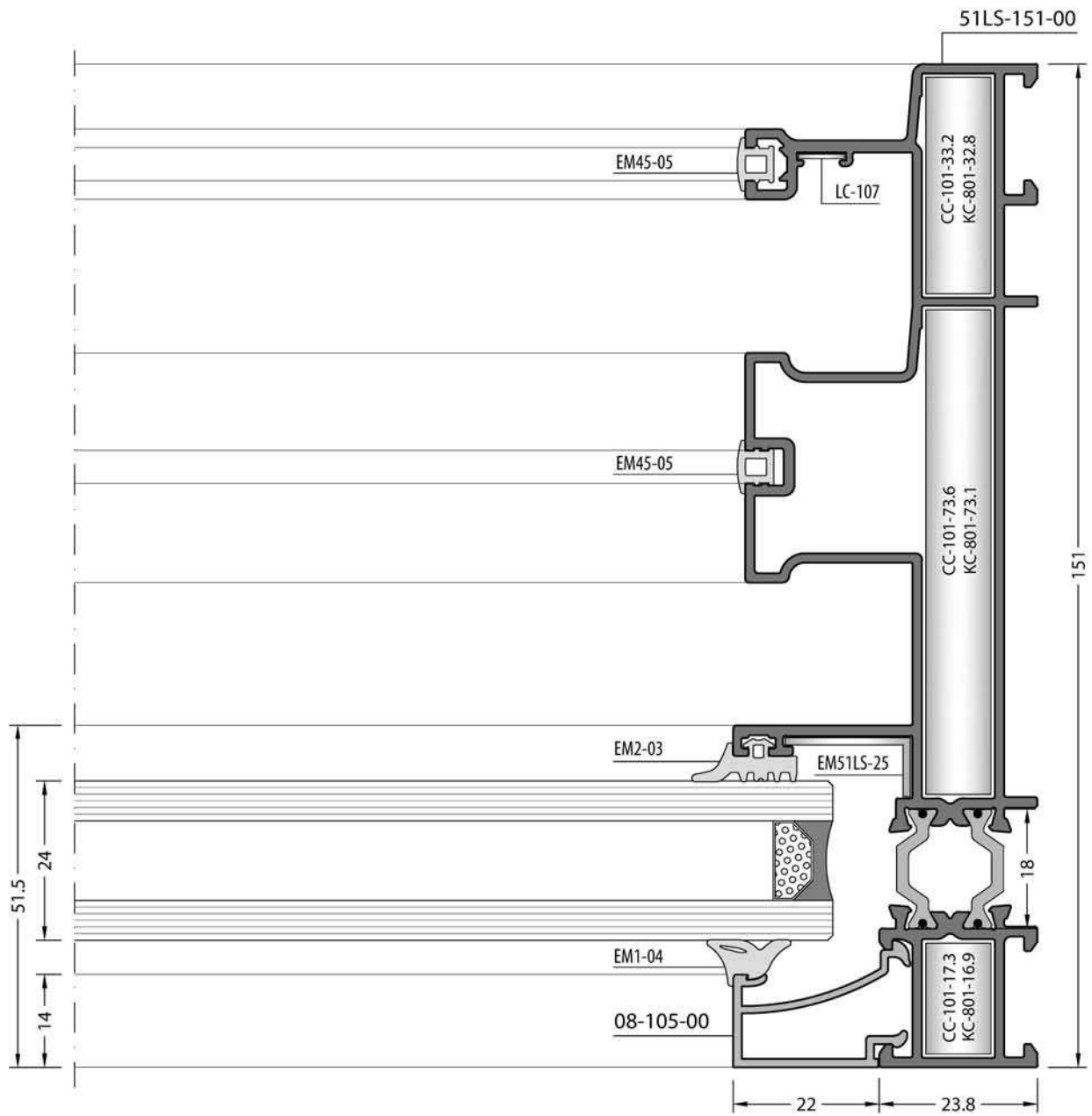
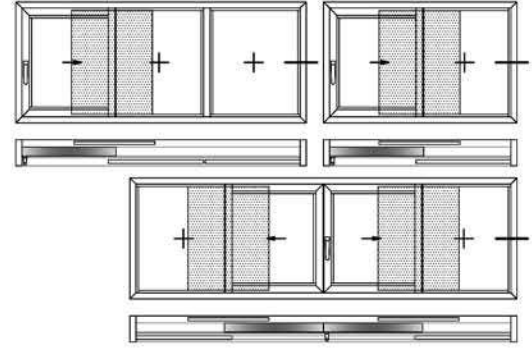


SASH ON OUTSIDE / KANAT DIŞTA

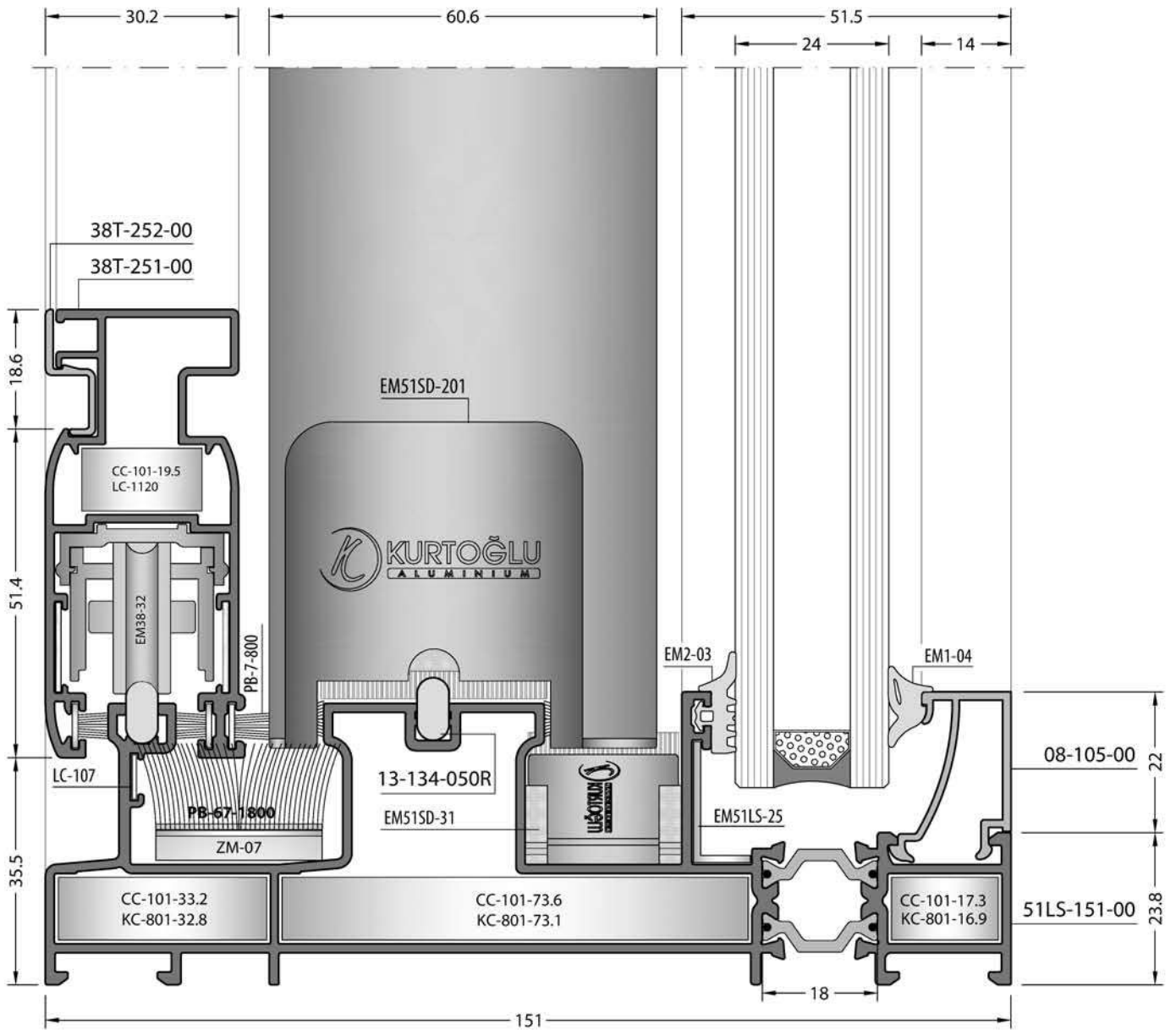
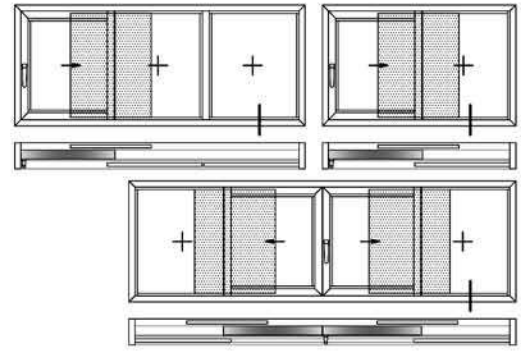


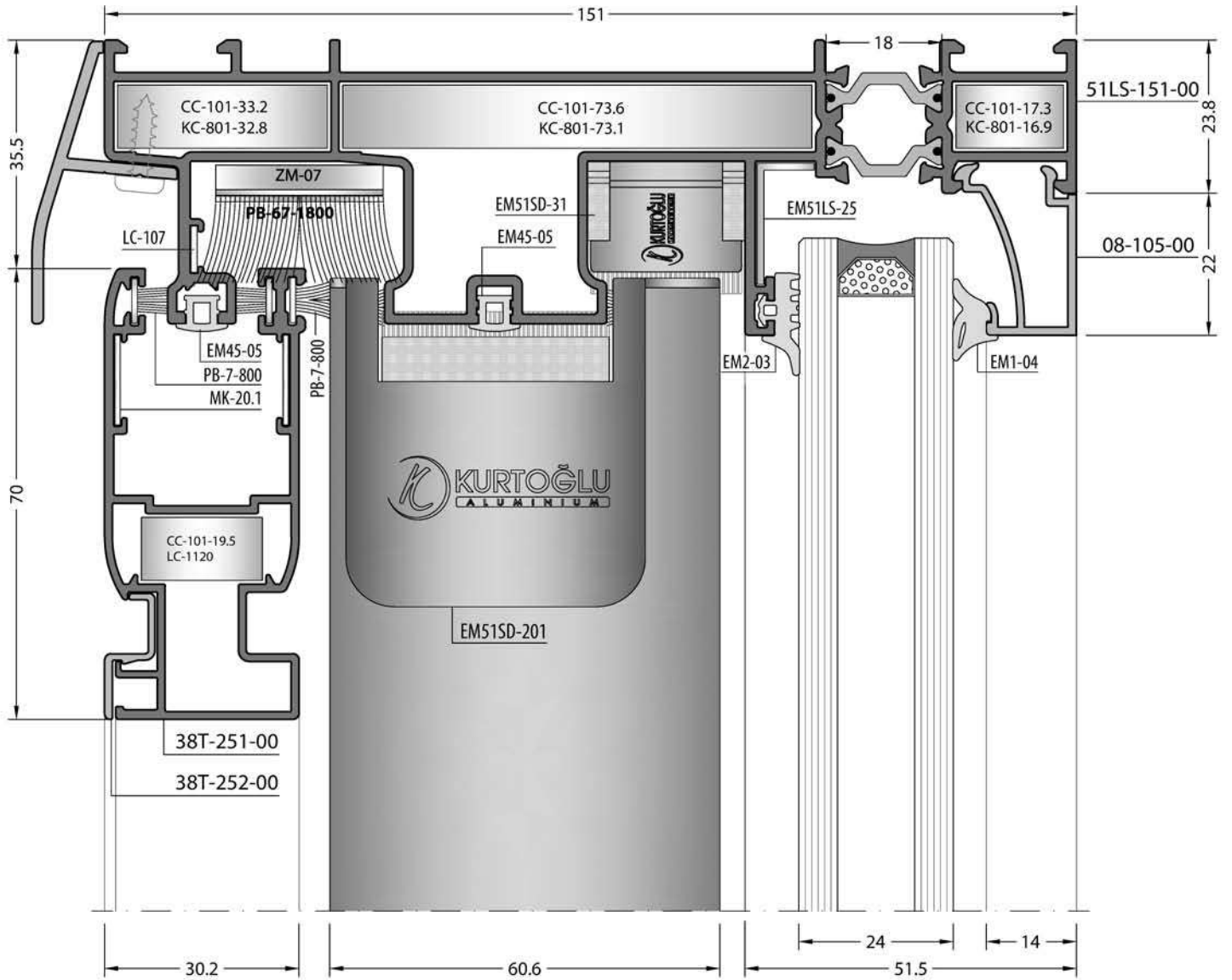
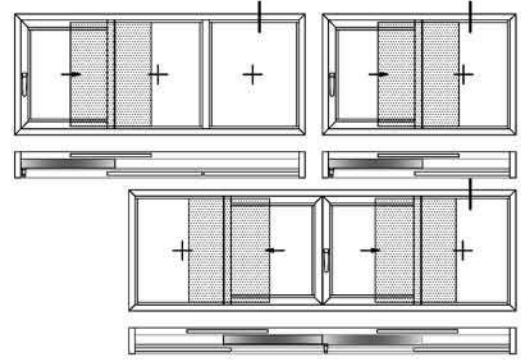
SASH ON OUTSIDE / KANAT DIŞTA

STANDARD CLAMP
STANDART KENET

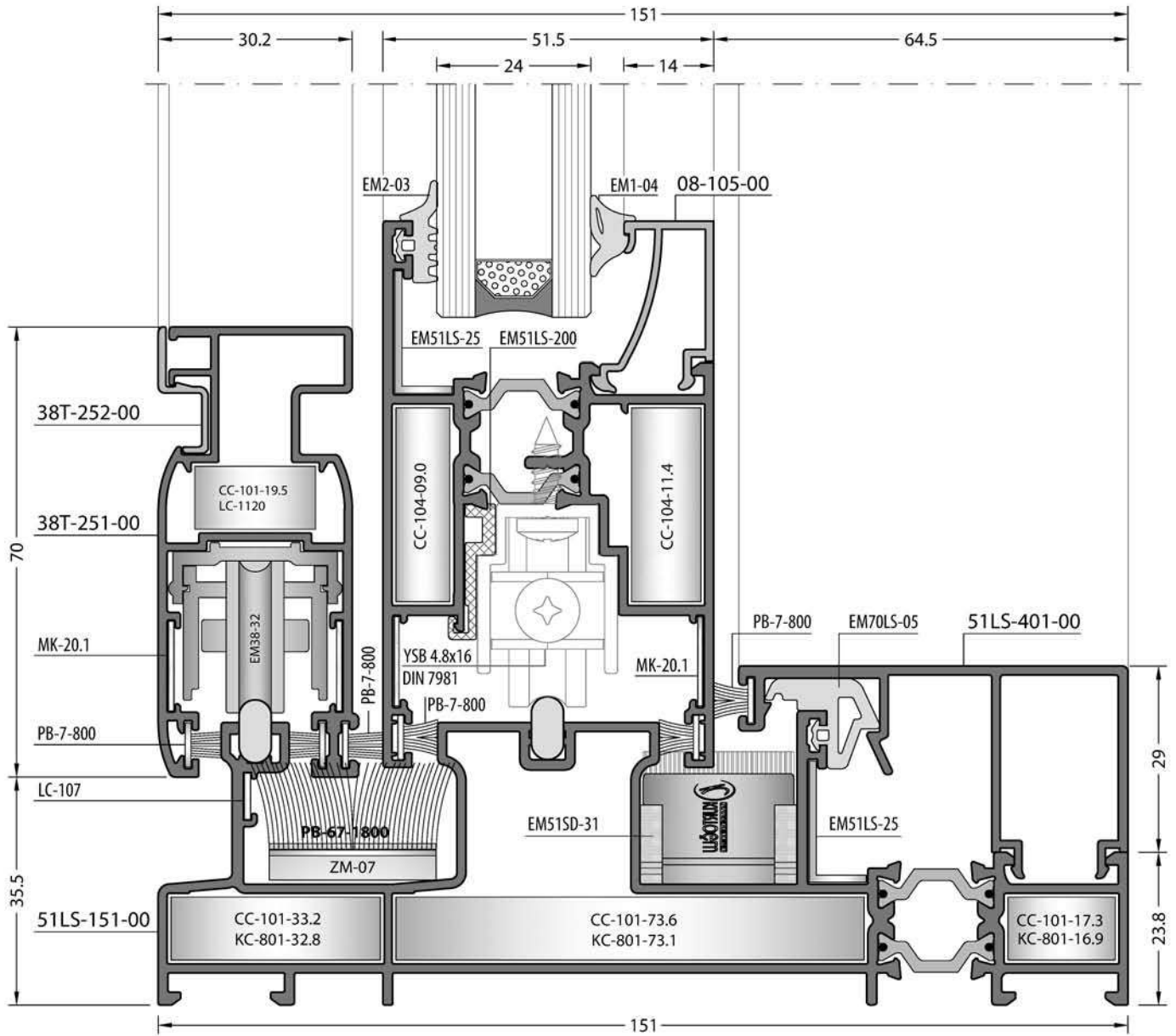
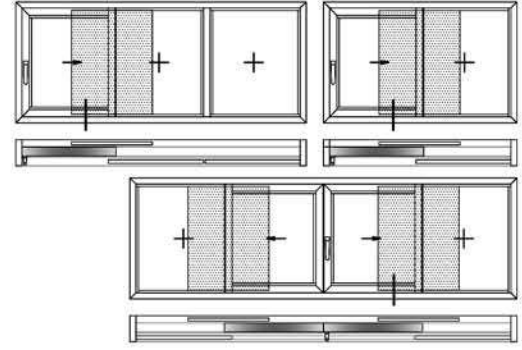


SASH ON OUTSIDE / KANAT DIŞTA

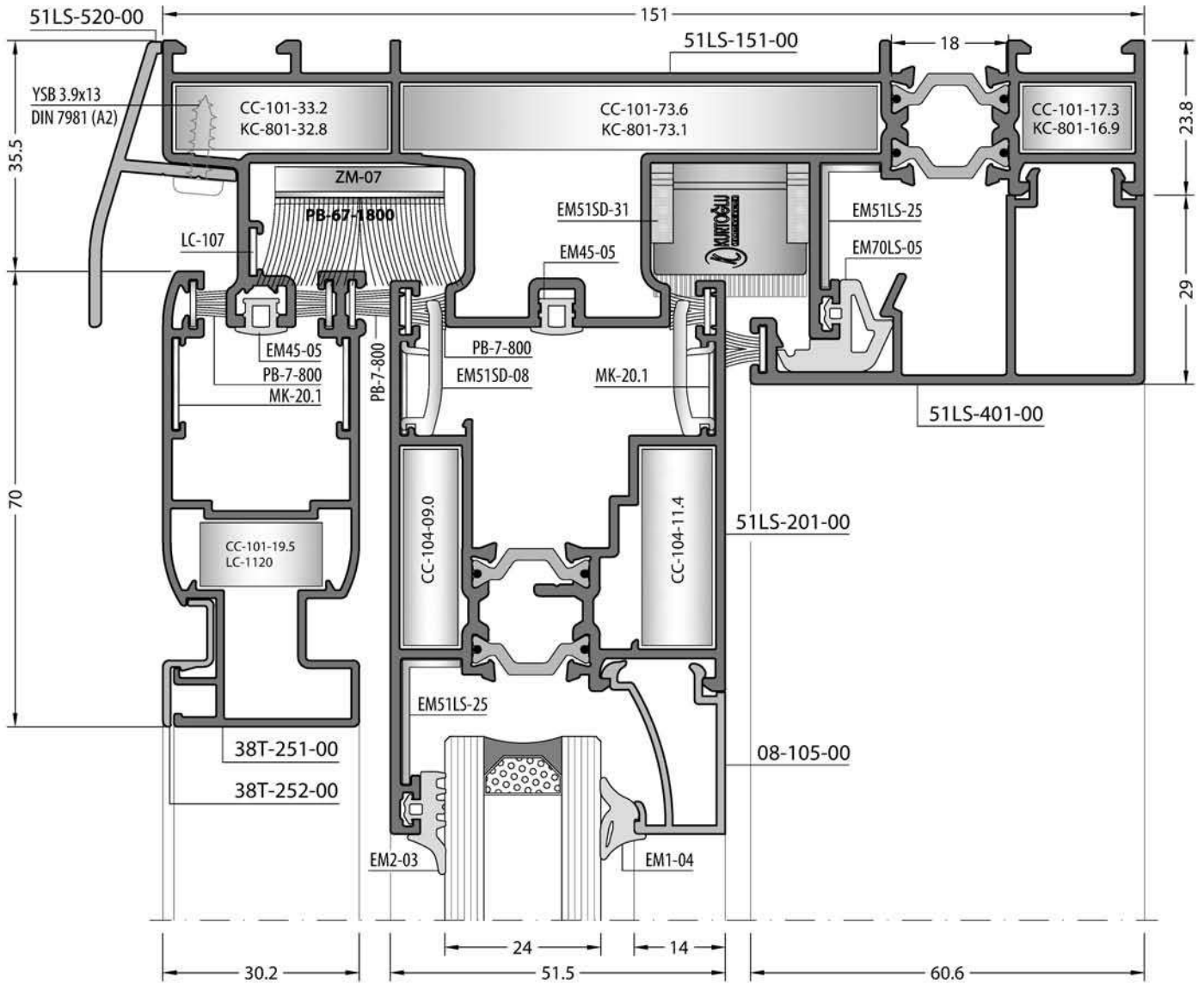
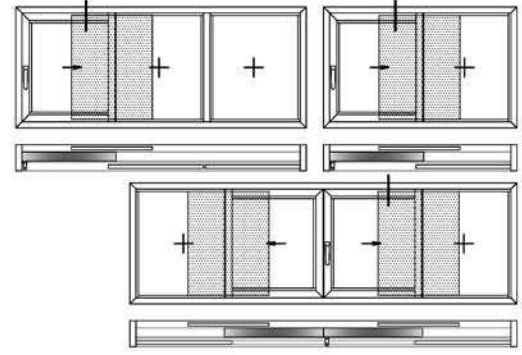




SASH ON OUTSIDE / KANAT DIŞTA

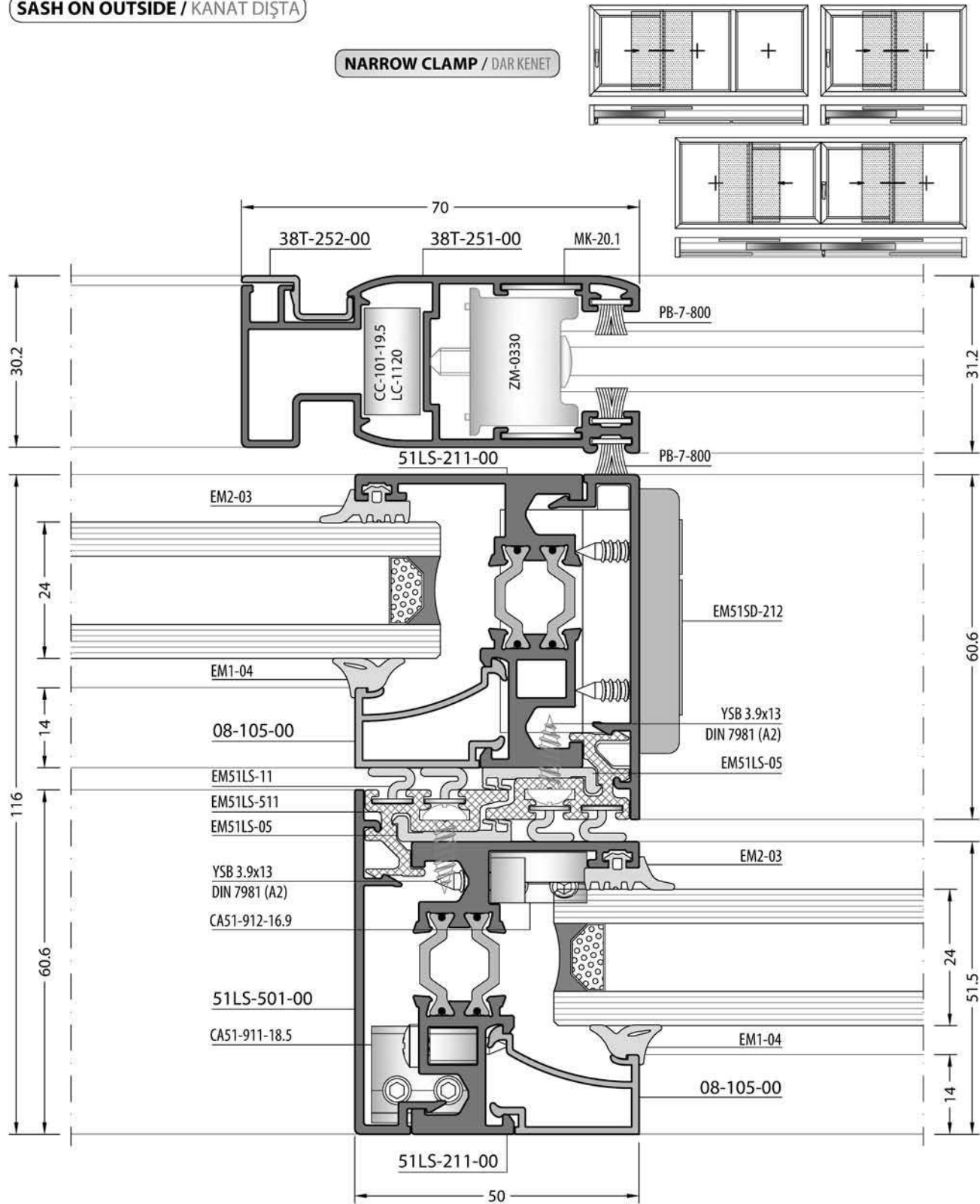


SASH ON OUTSIDE / KANAT DIŞTA



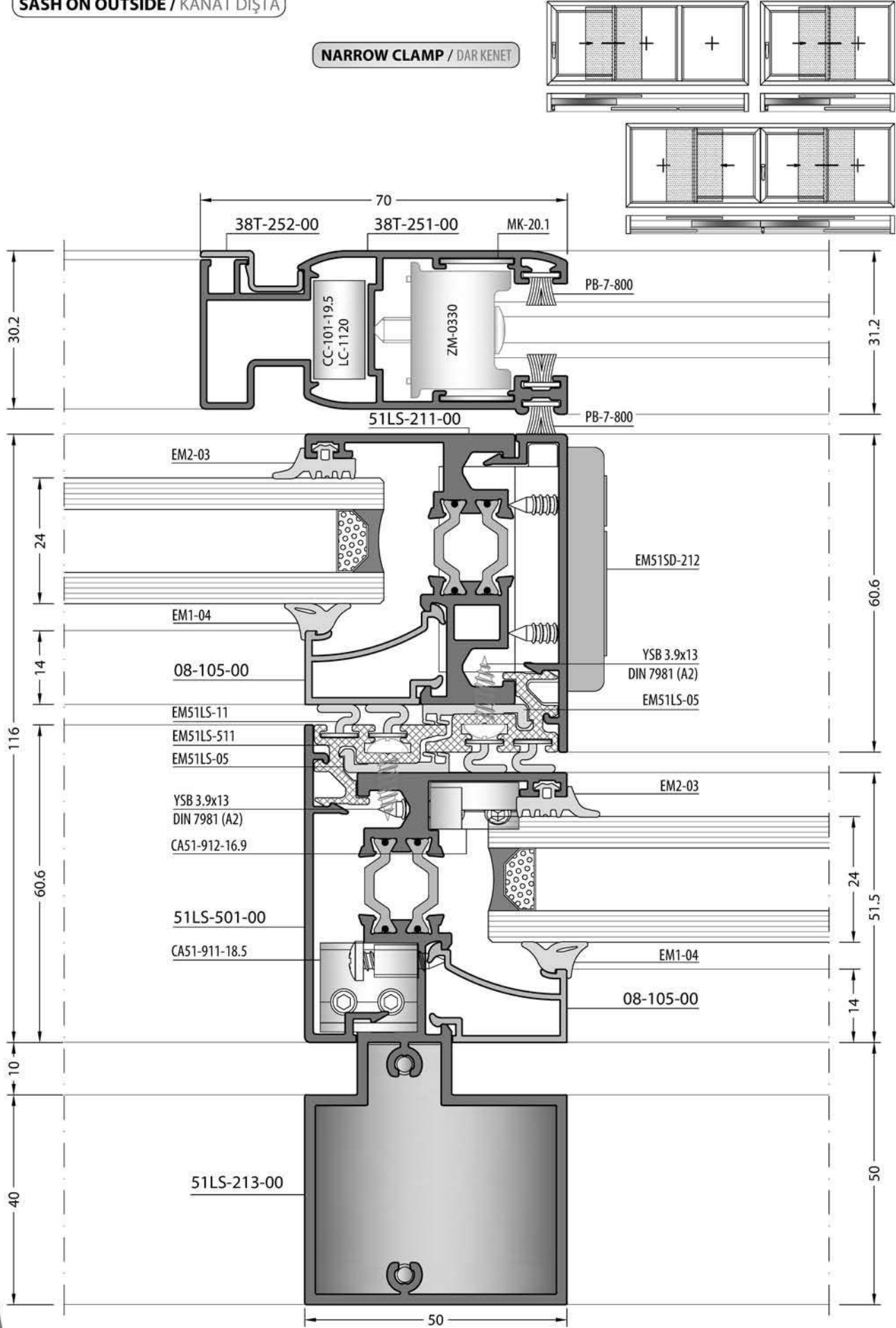
SASH ON OUTSIDE / KANAT DIŞTA

NARROW CLAMP / DAR KENET



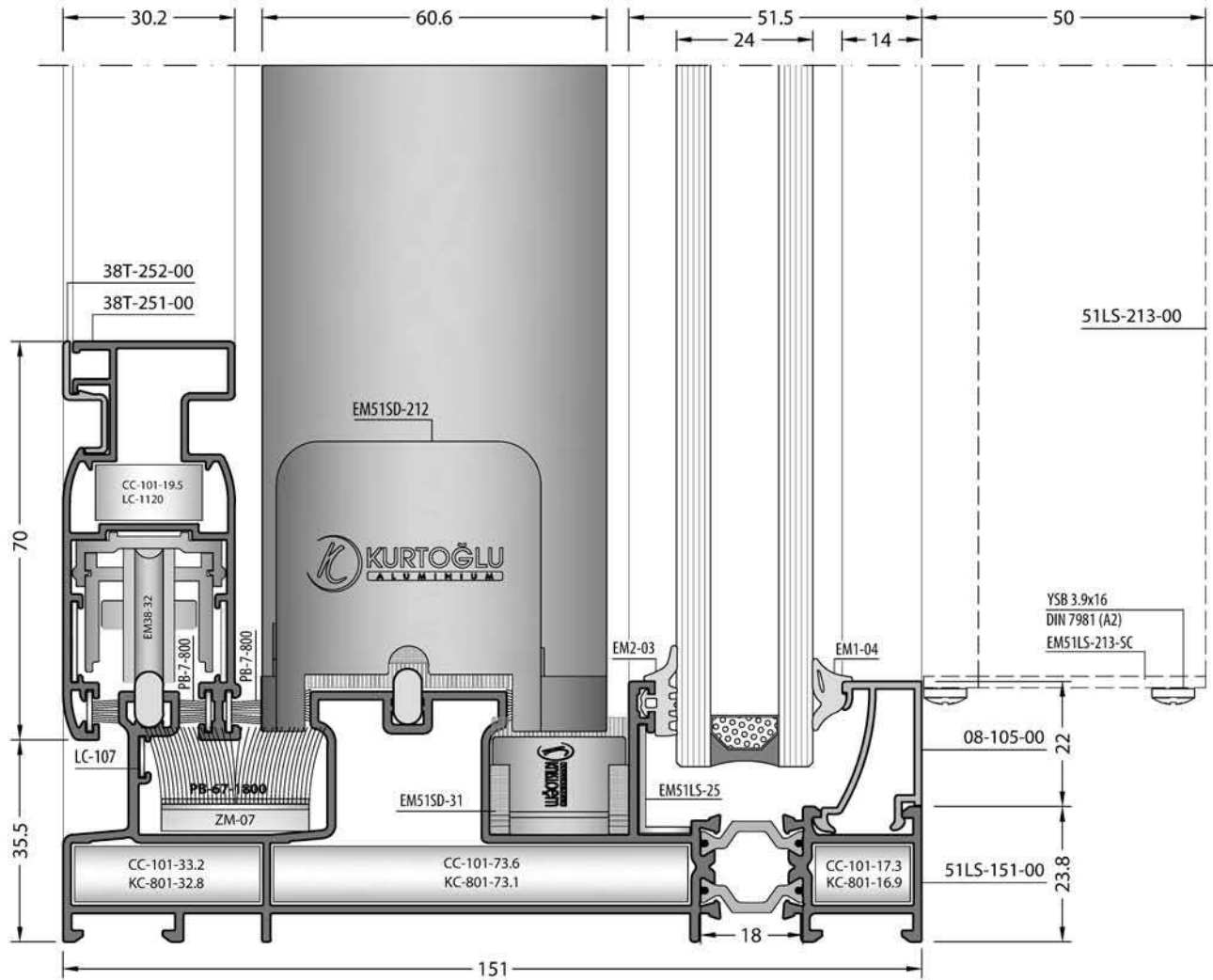
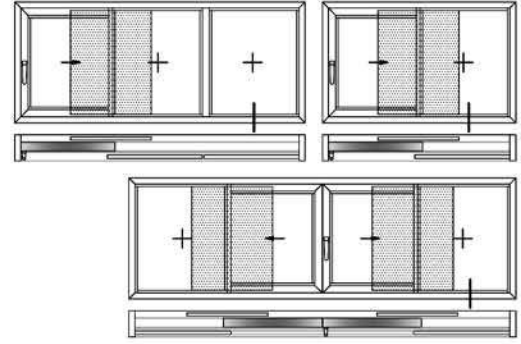
SASH ON OUTSIDE / KANAT DIŞTA

NARROW CLAMP / DAR KENET



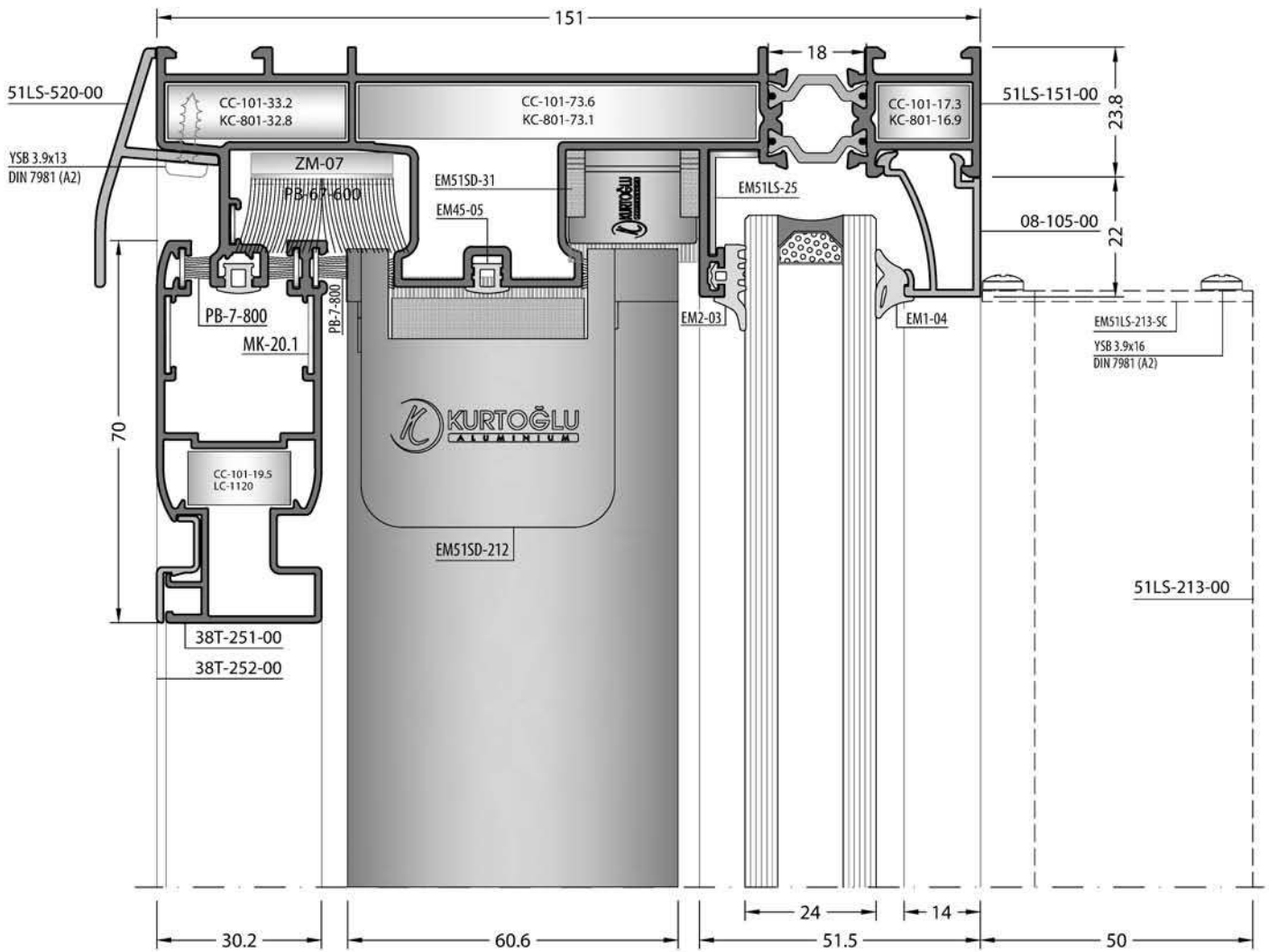
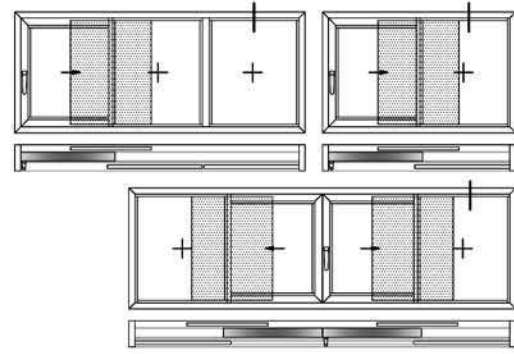
SASH ON OUTSIDE / KANAT DIŞTA

NARROW CLAMP / DAR KENET

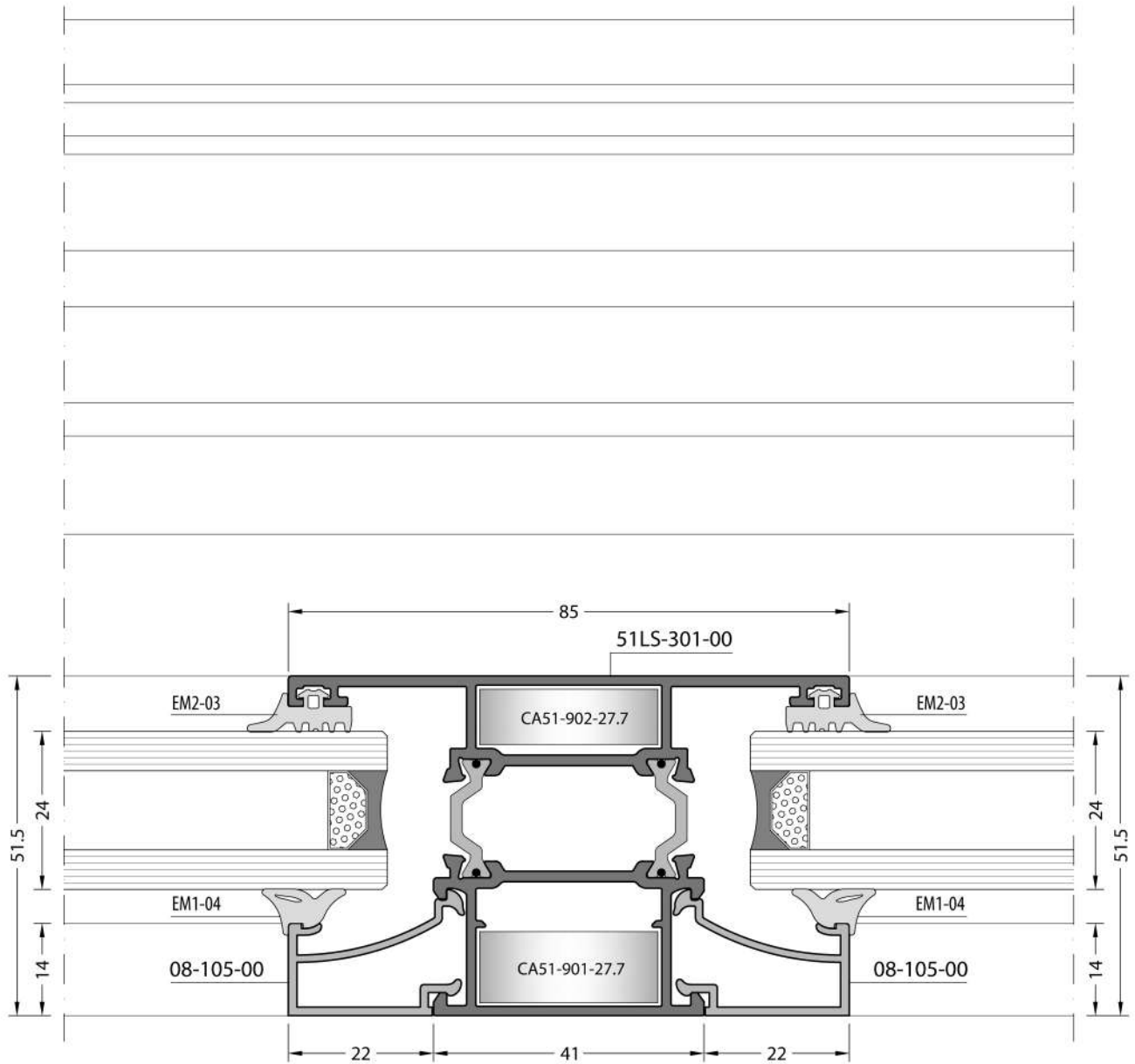
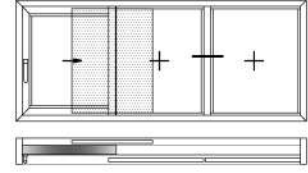


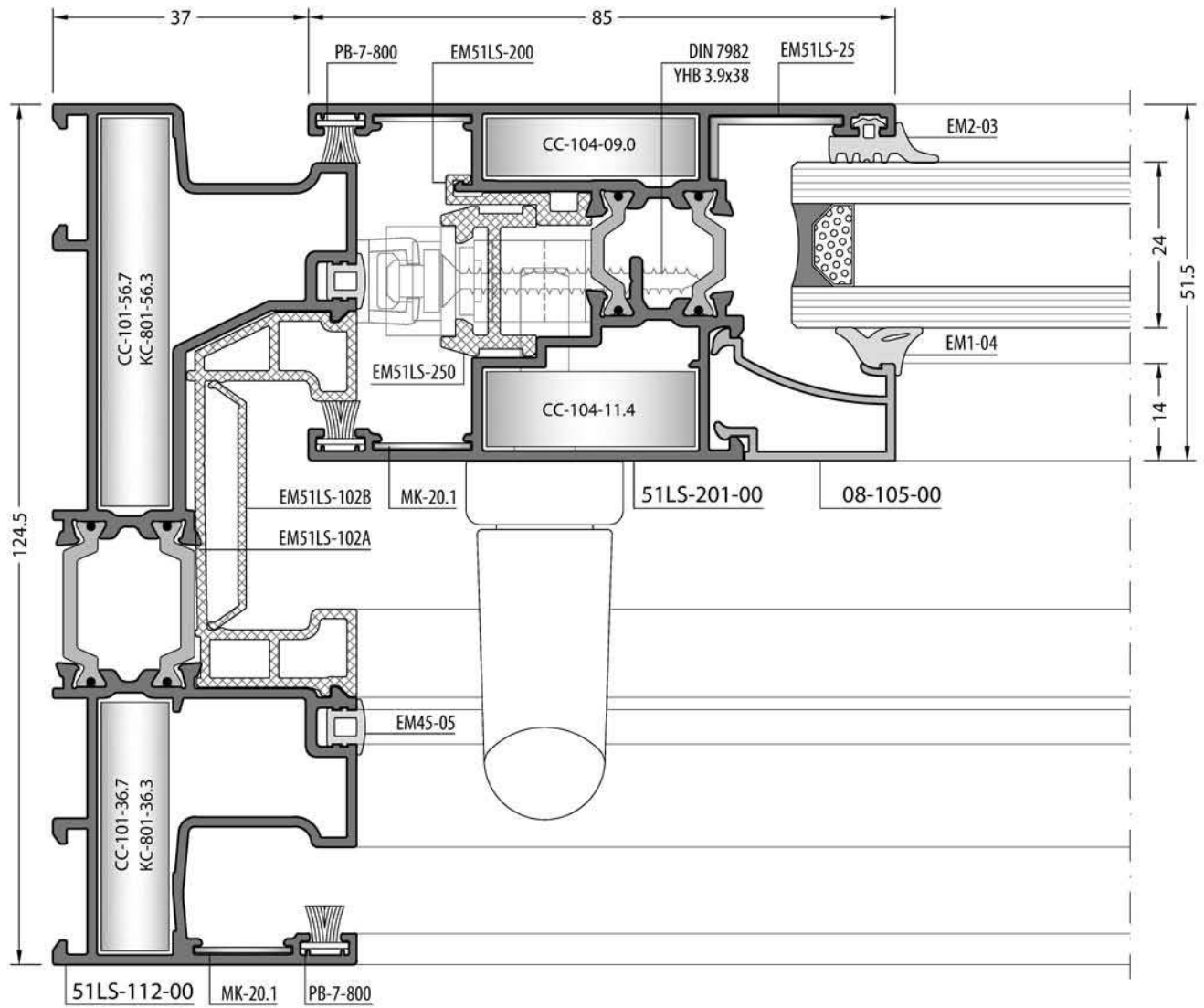
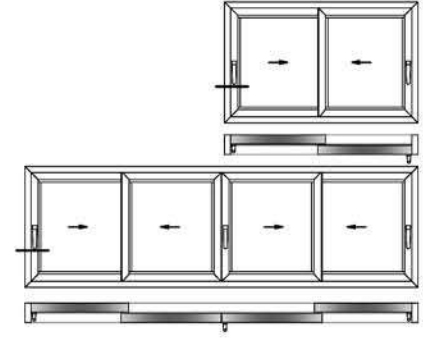
SASH ON OUTSIDE / KANAT DIŞTA

NARROW CLAMP / DAR KENET

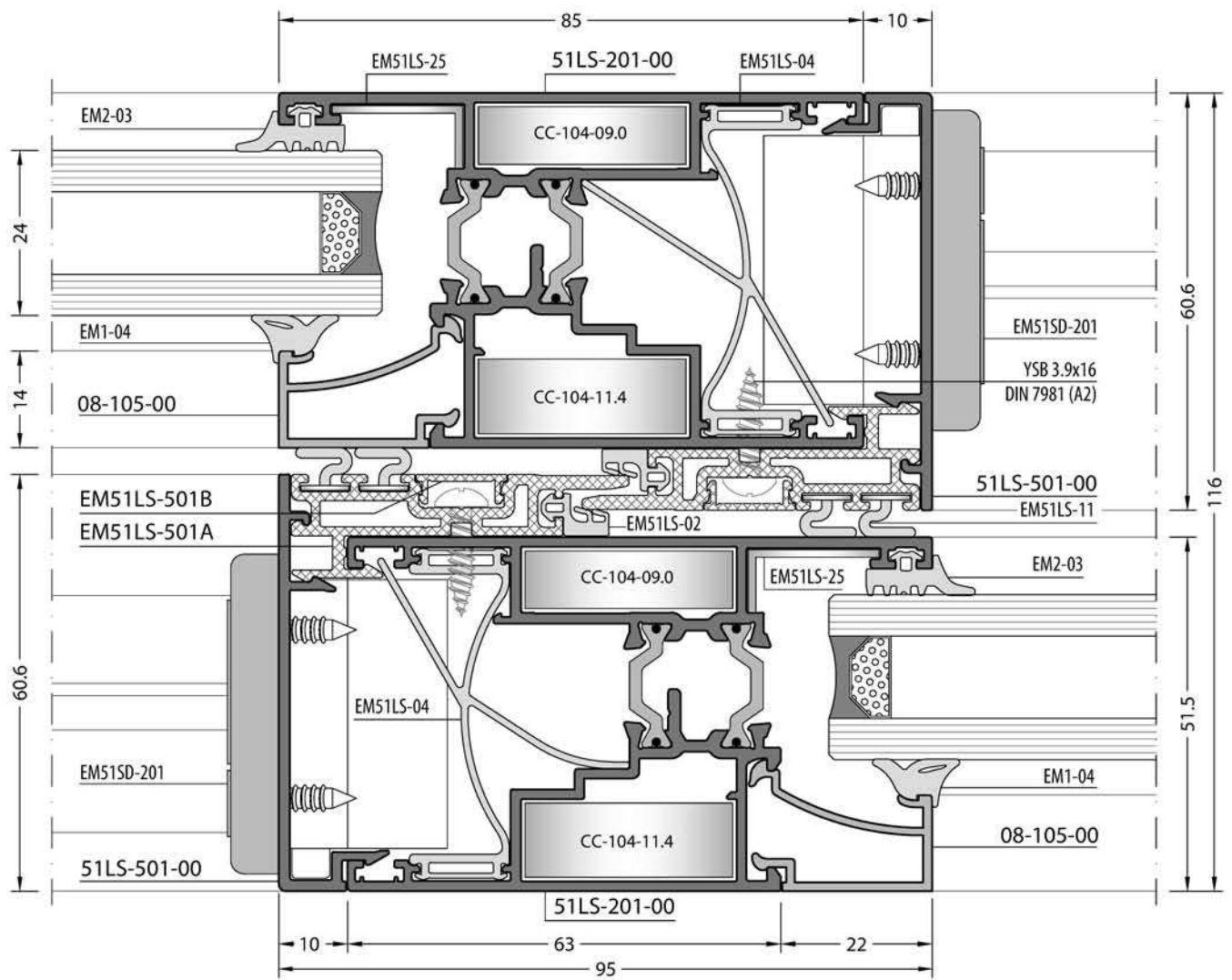
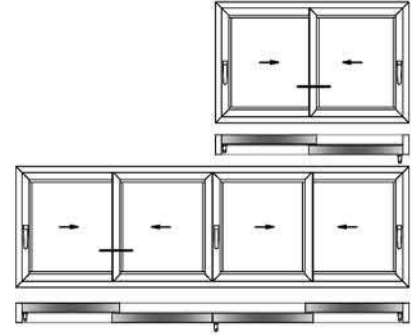


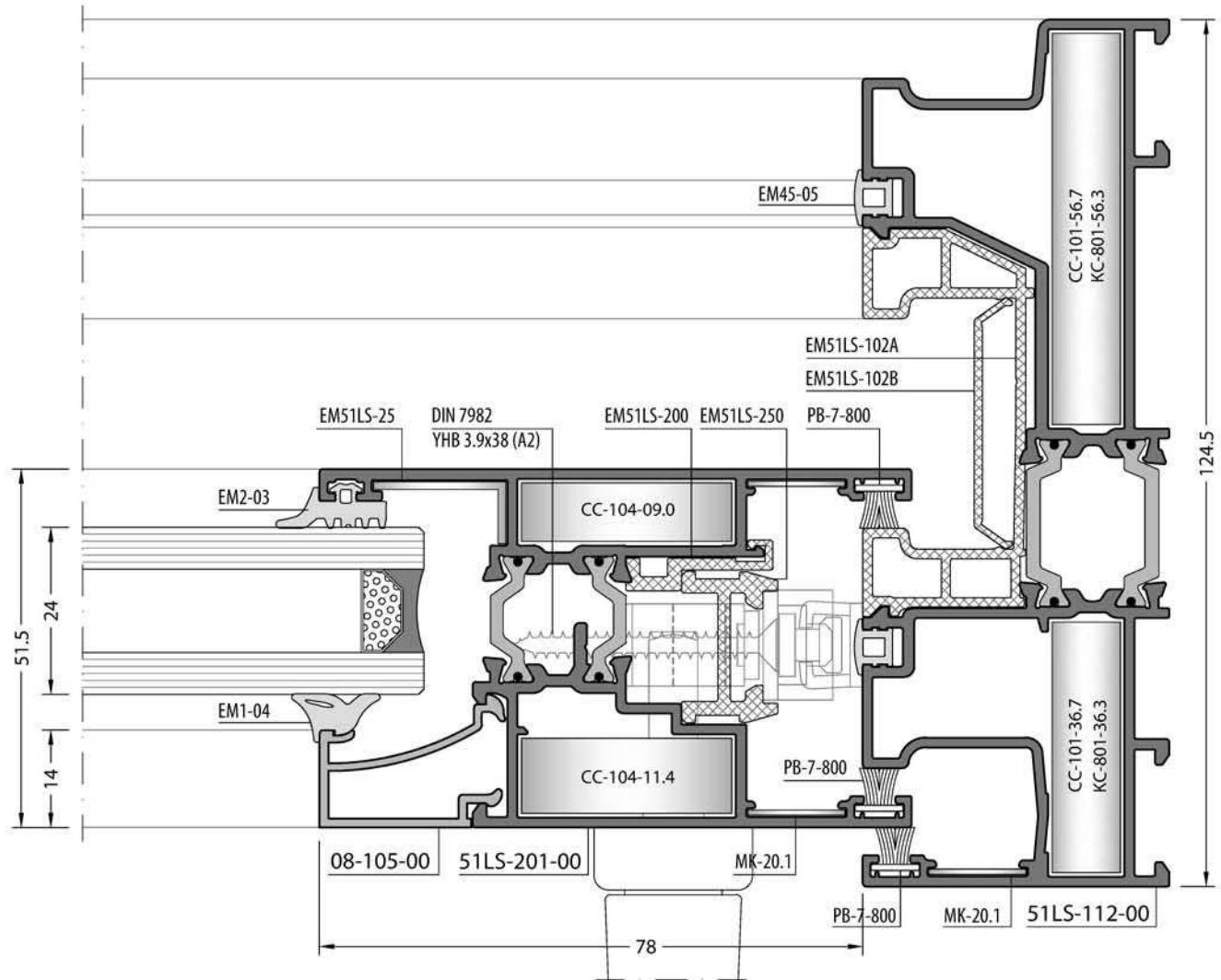
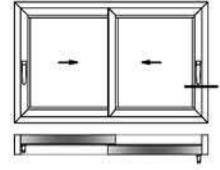
SASH ON OUTSIDE / KANAT DIŞTA

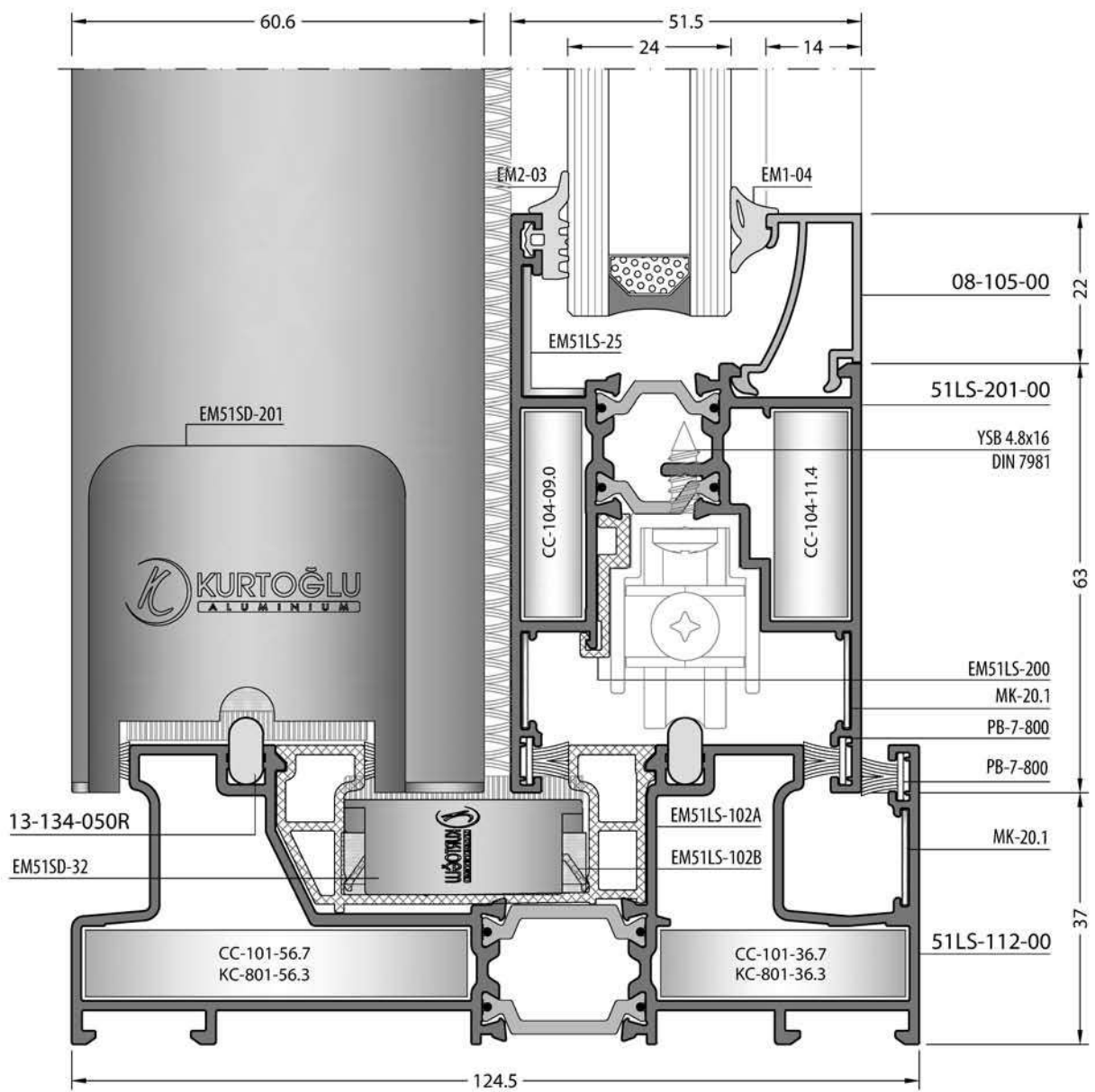
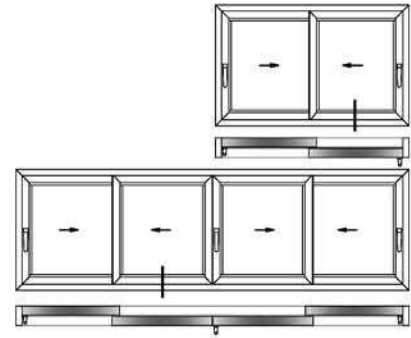


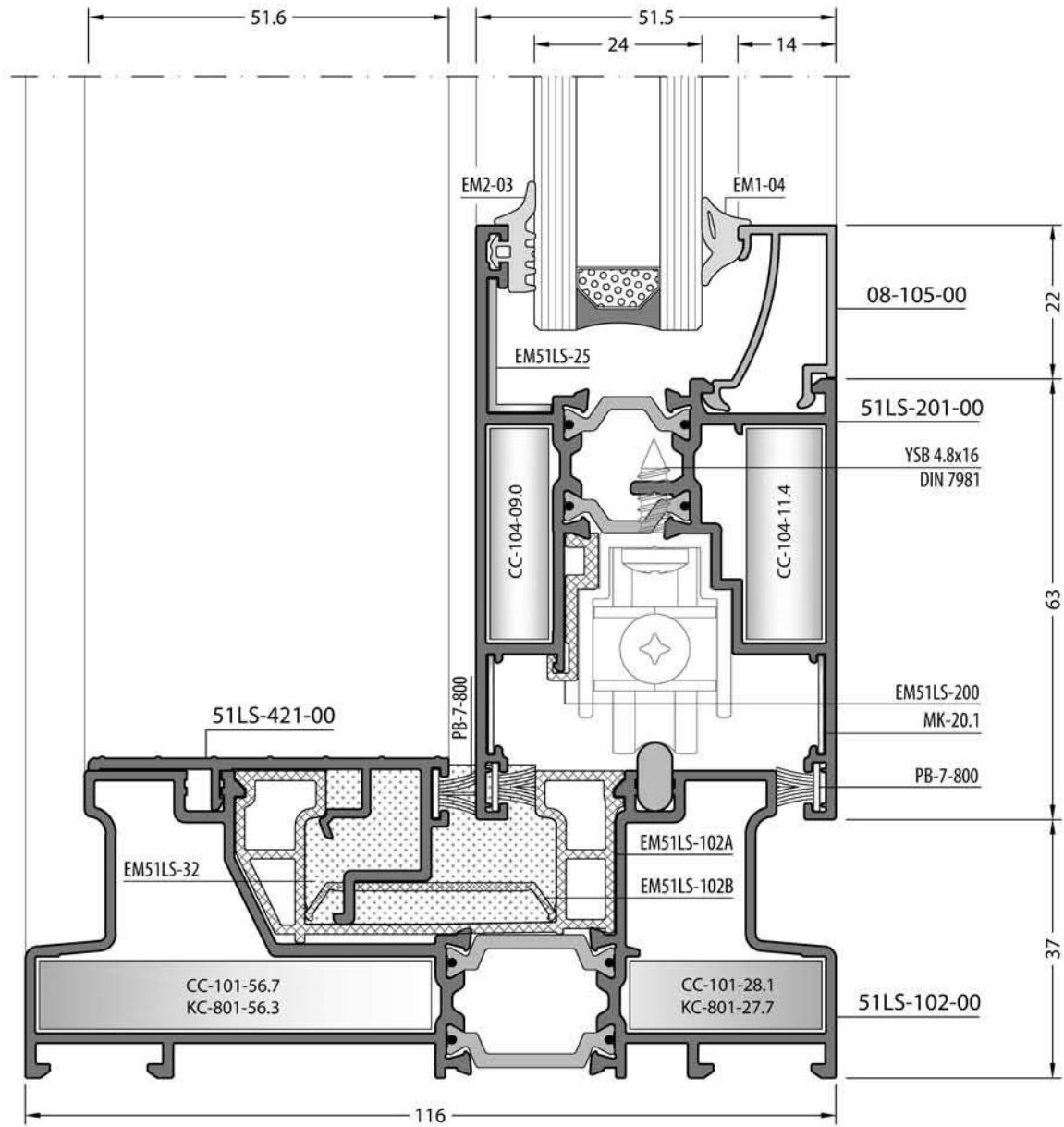
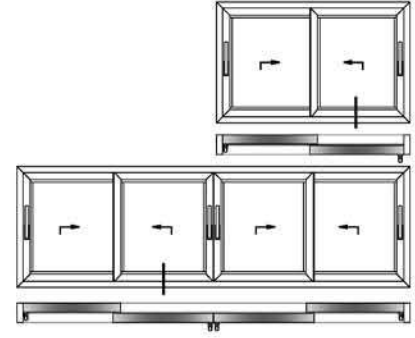


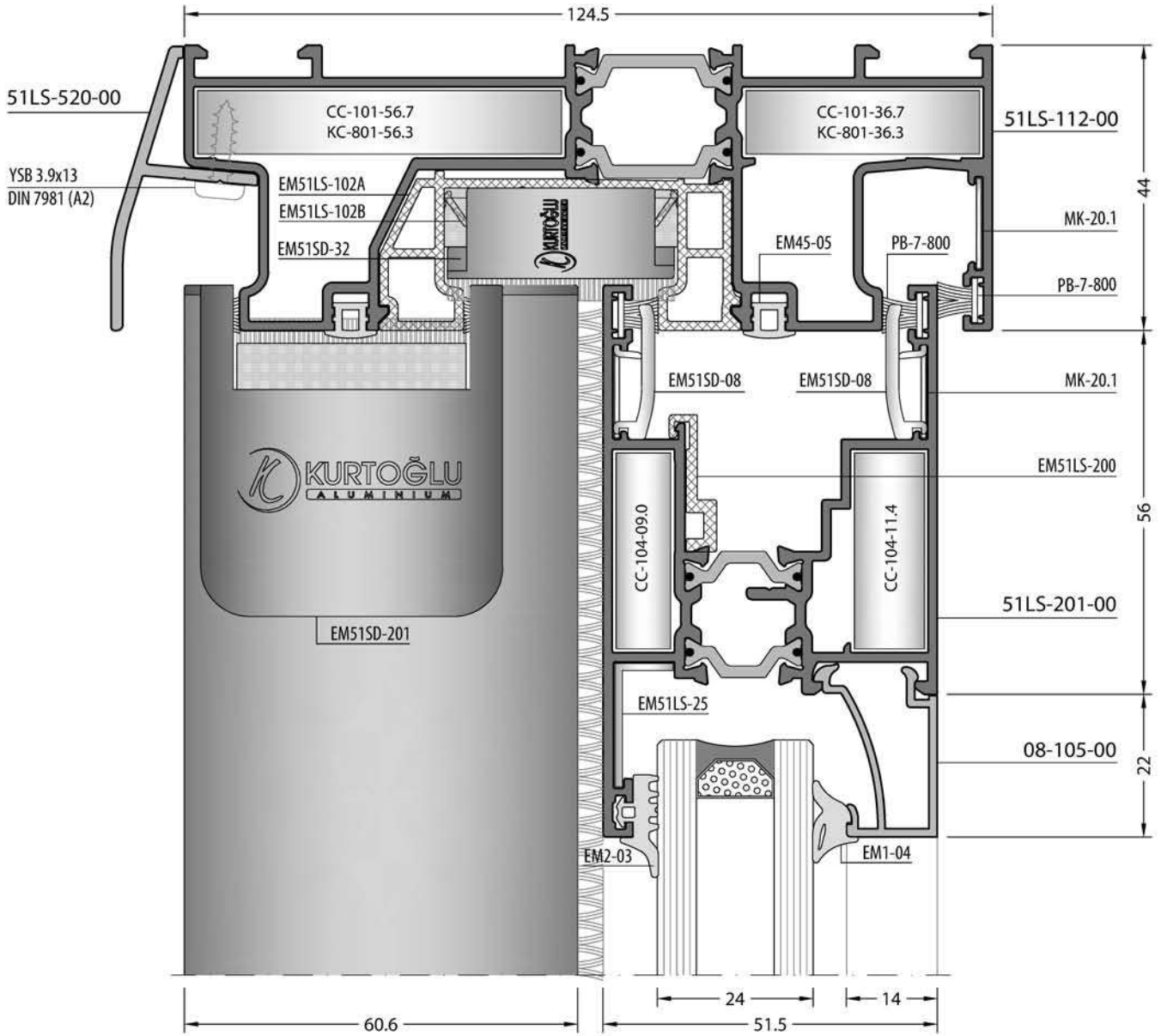
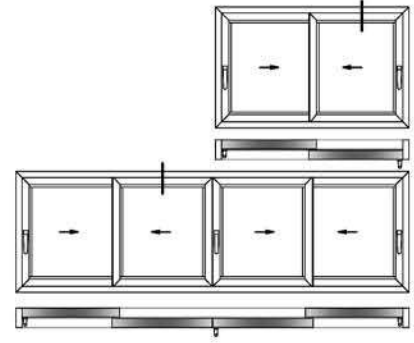
STANDARD CLAMP
STANDART KENET

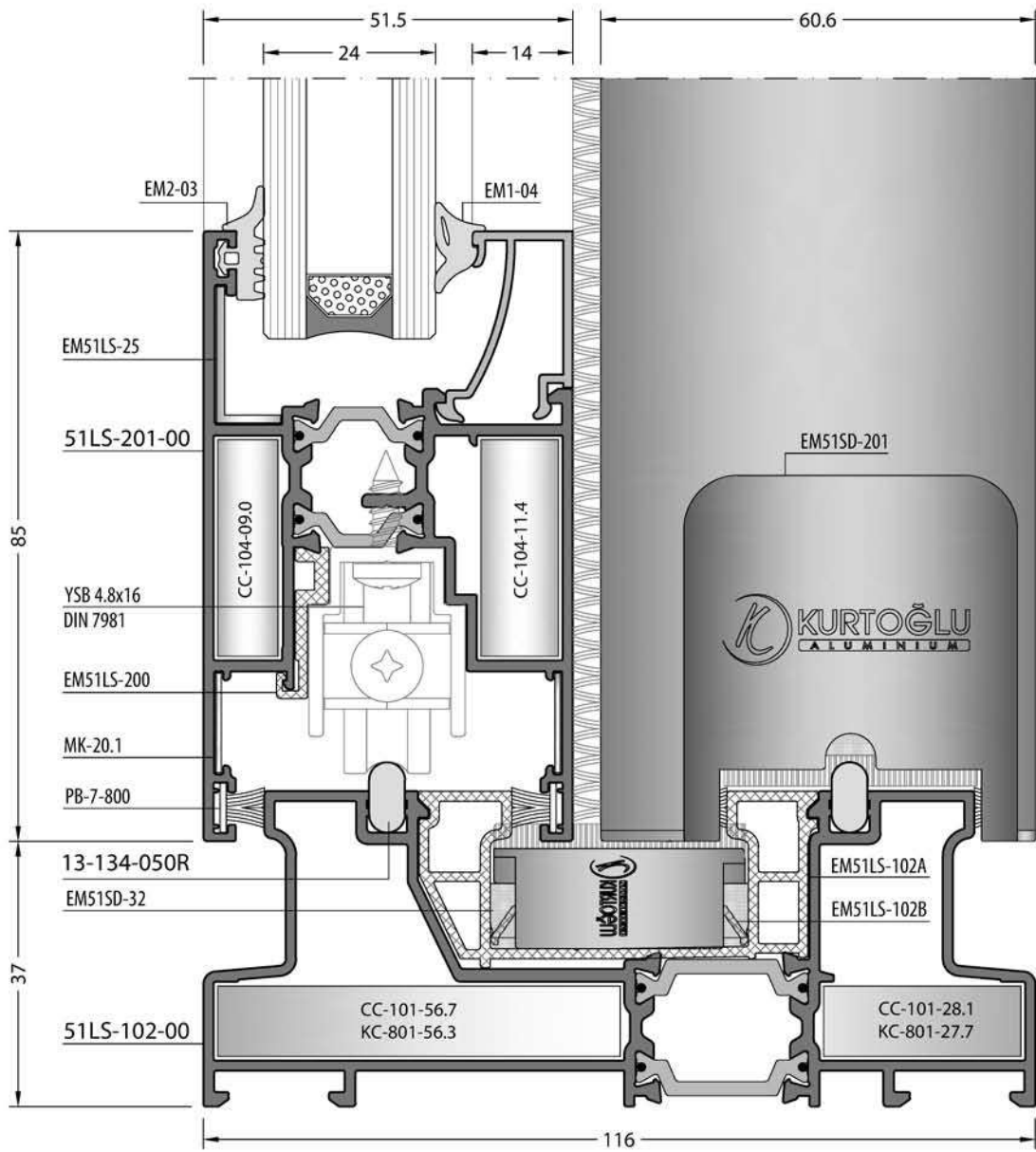
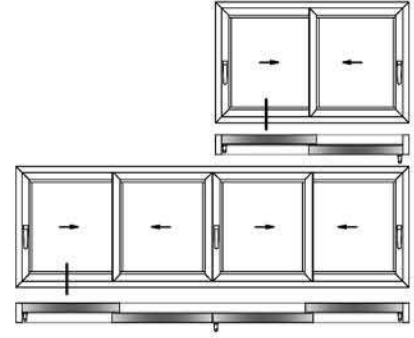


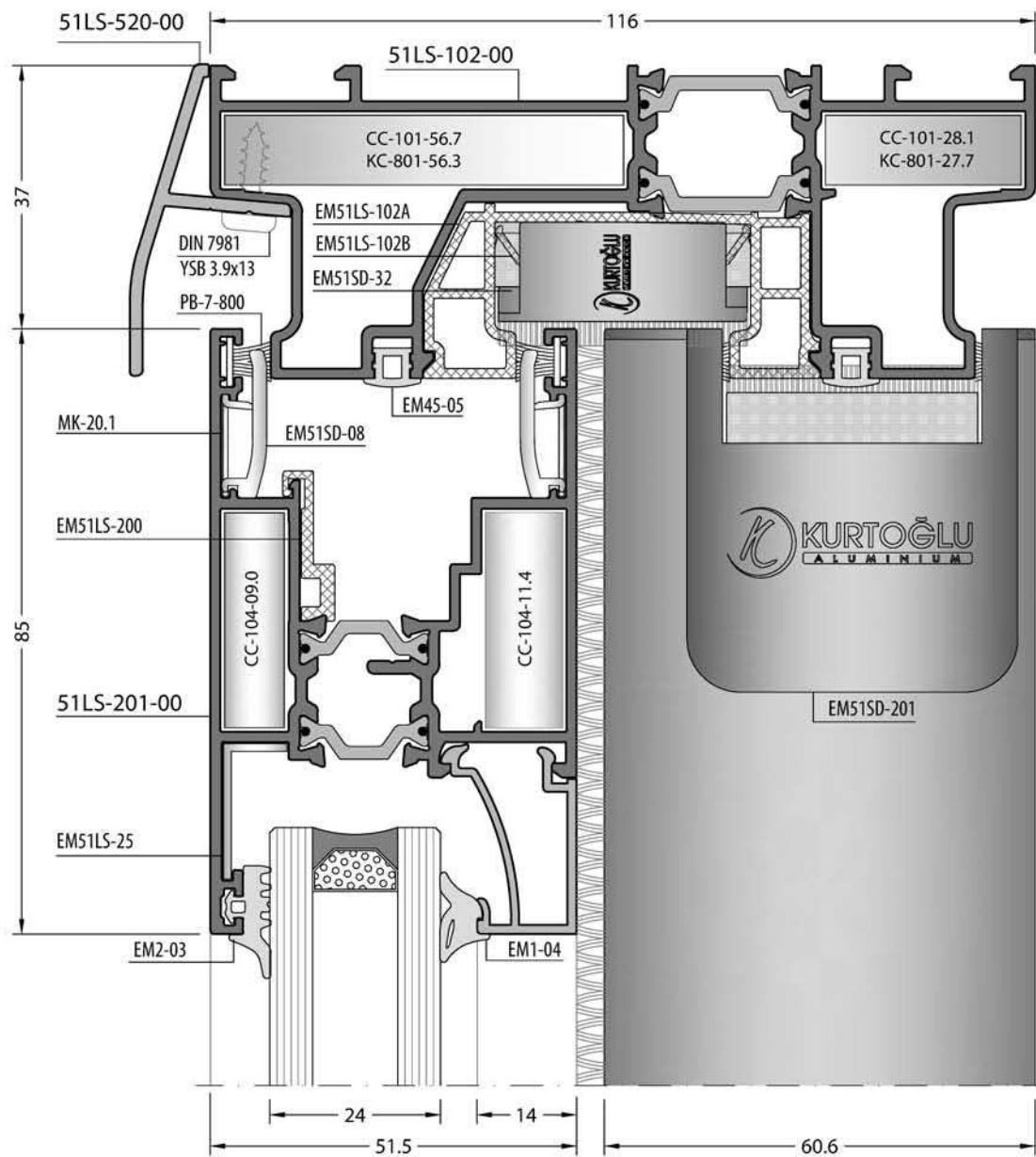
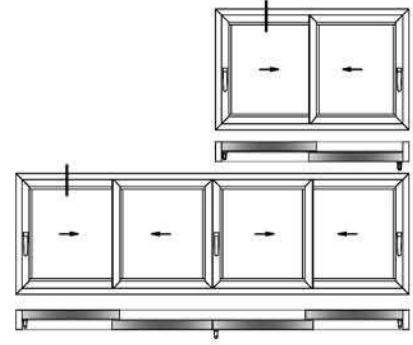




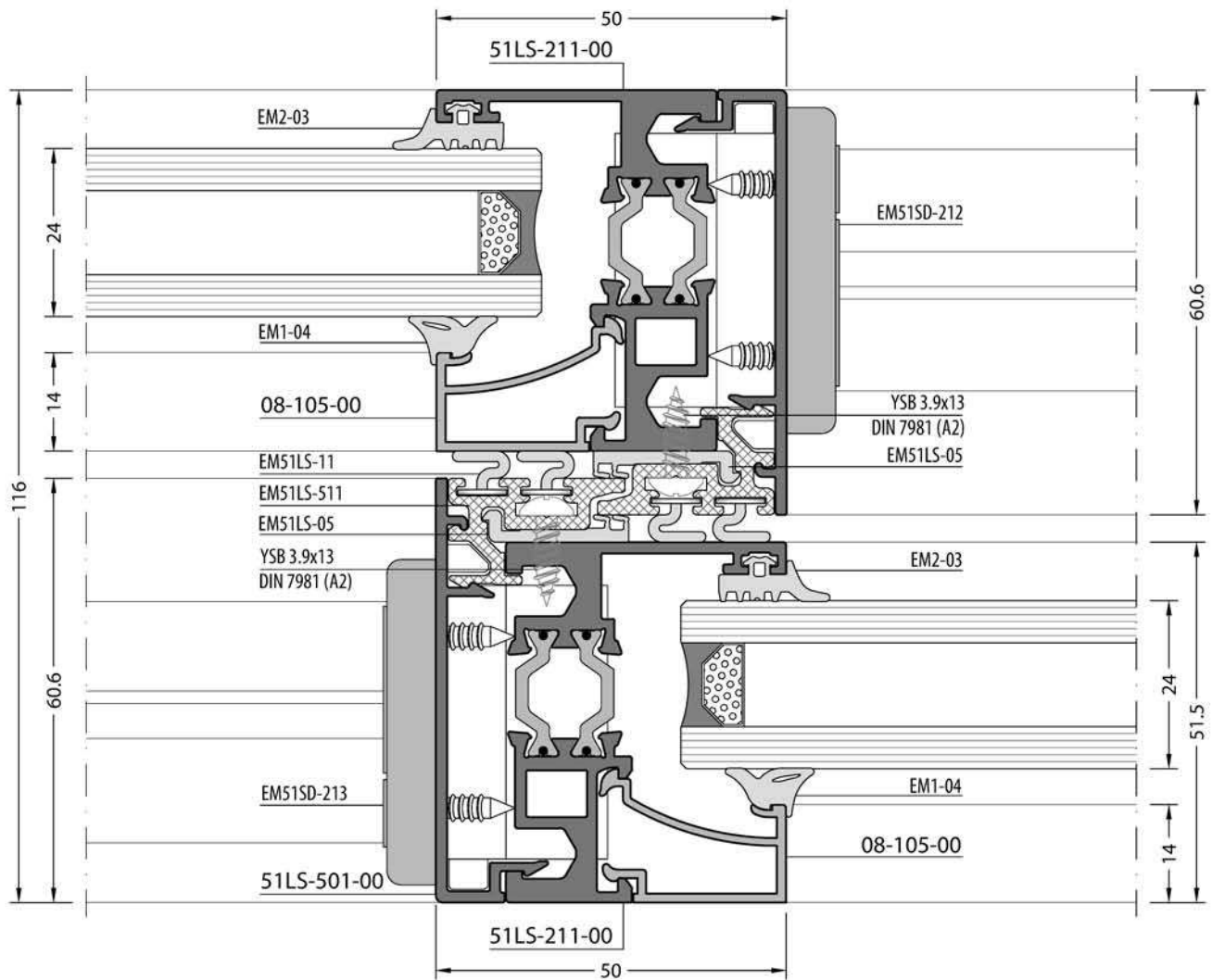
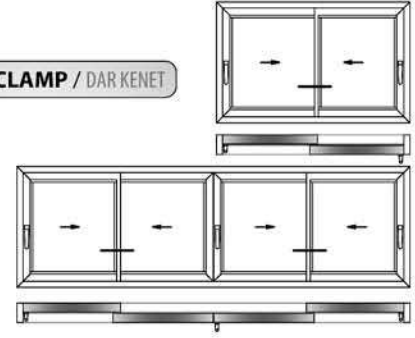


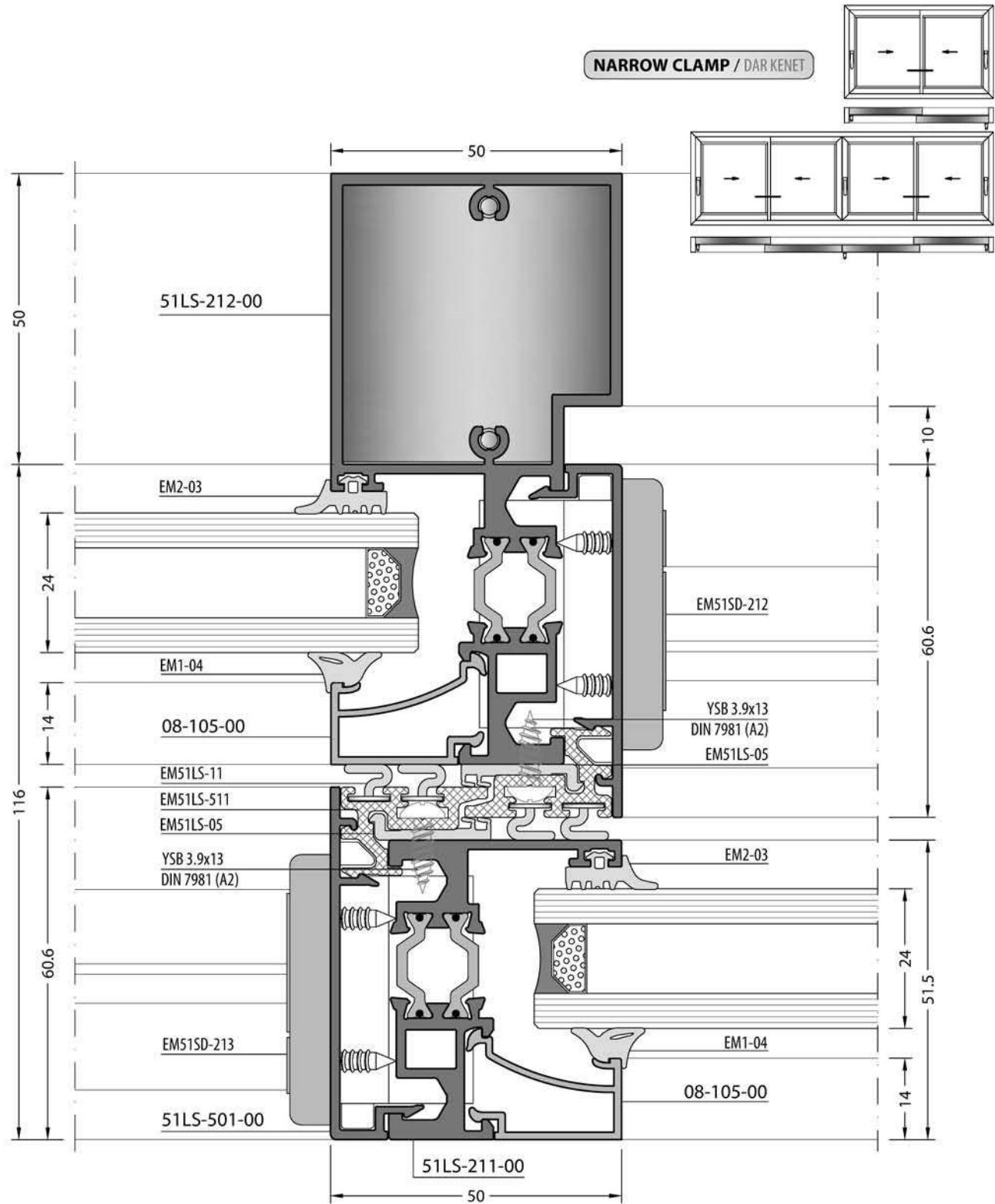




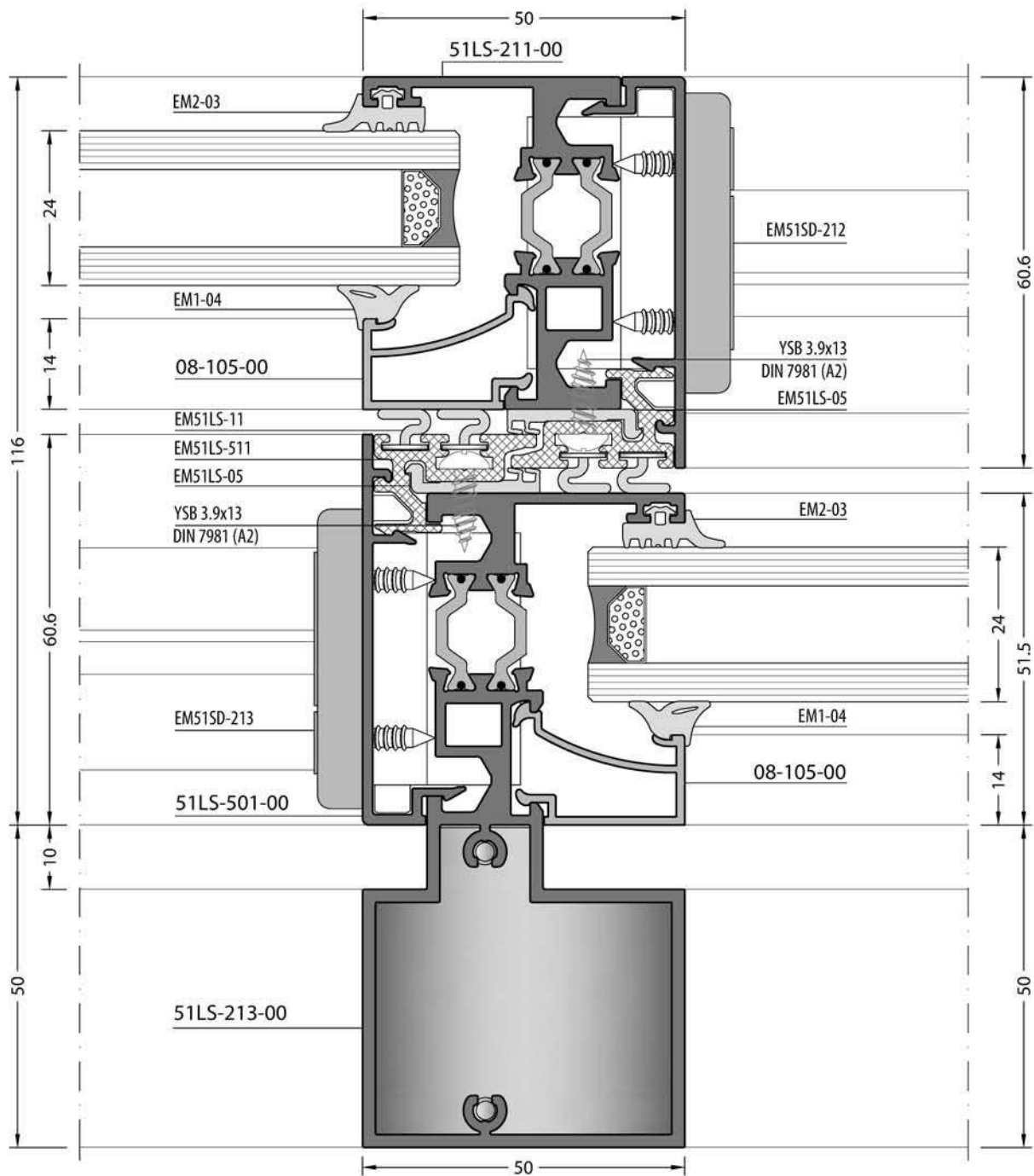
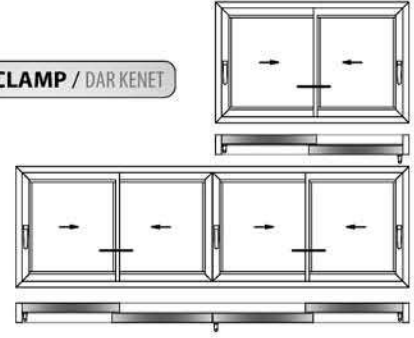


NARROW CLAMP / DAR KENET



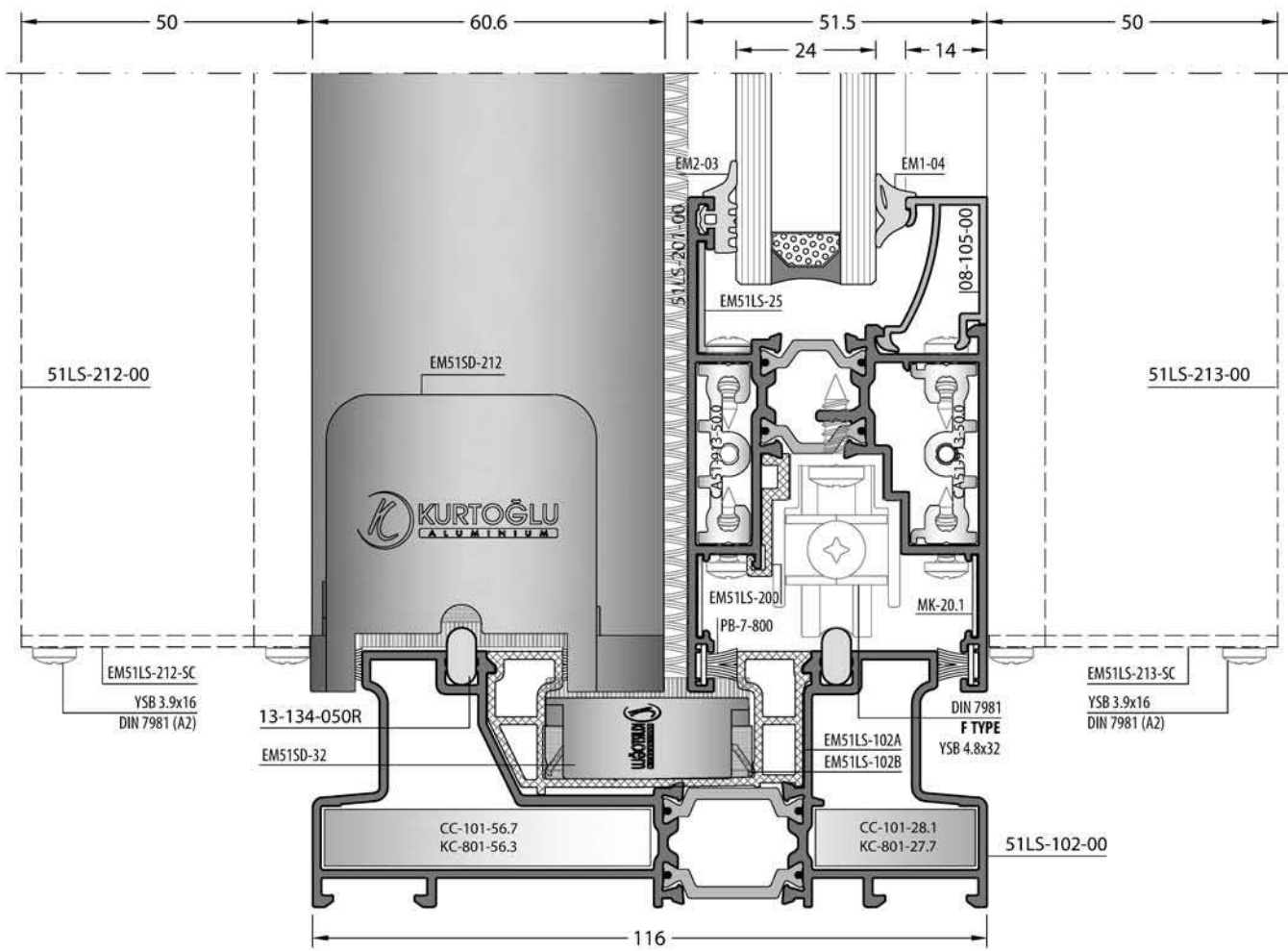
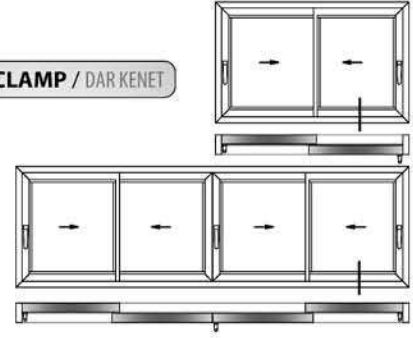


NARROW CLAMP / DAR KENET

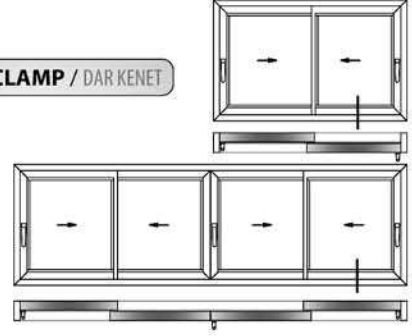




NARROW CLAMP / DAR KENET



NARROW CLAMP / DAR KENET

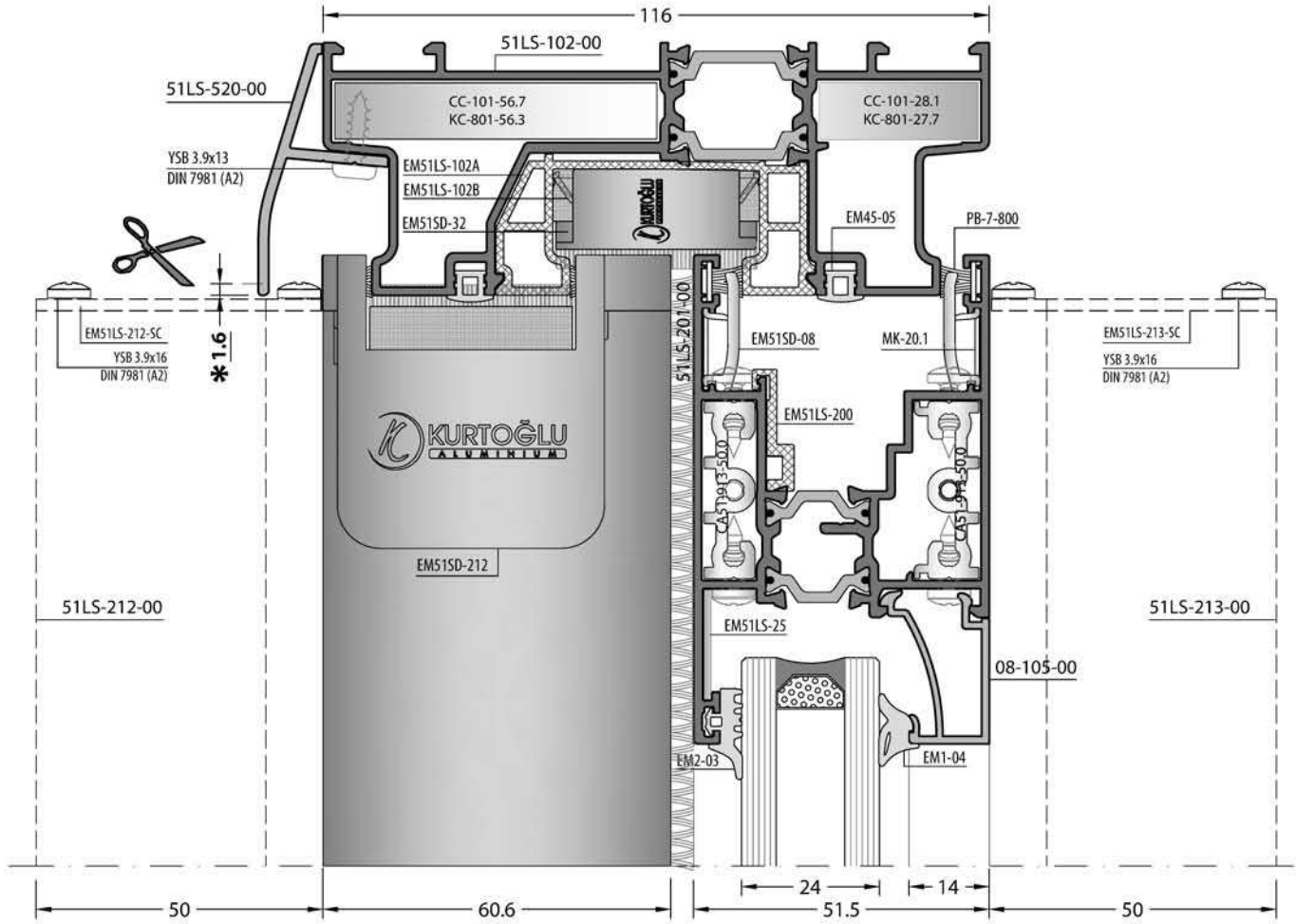


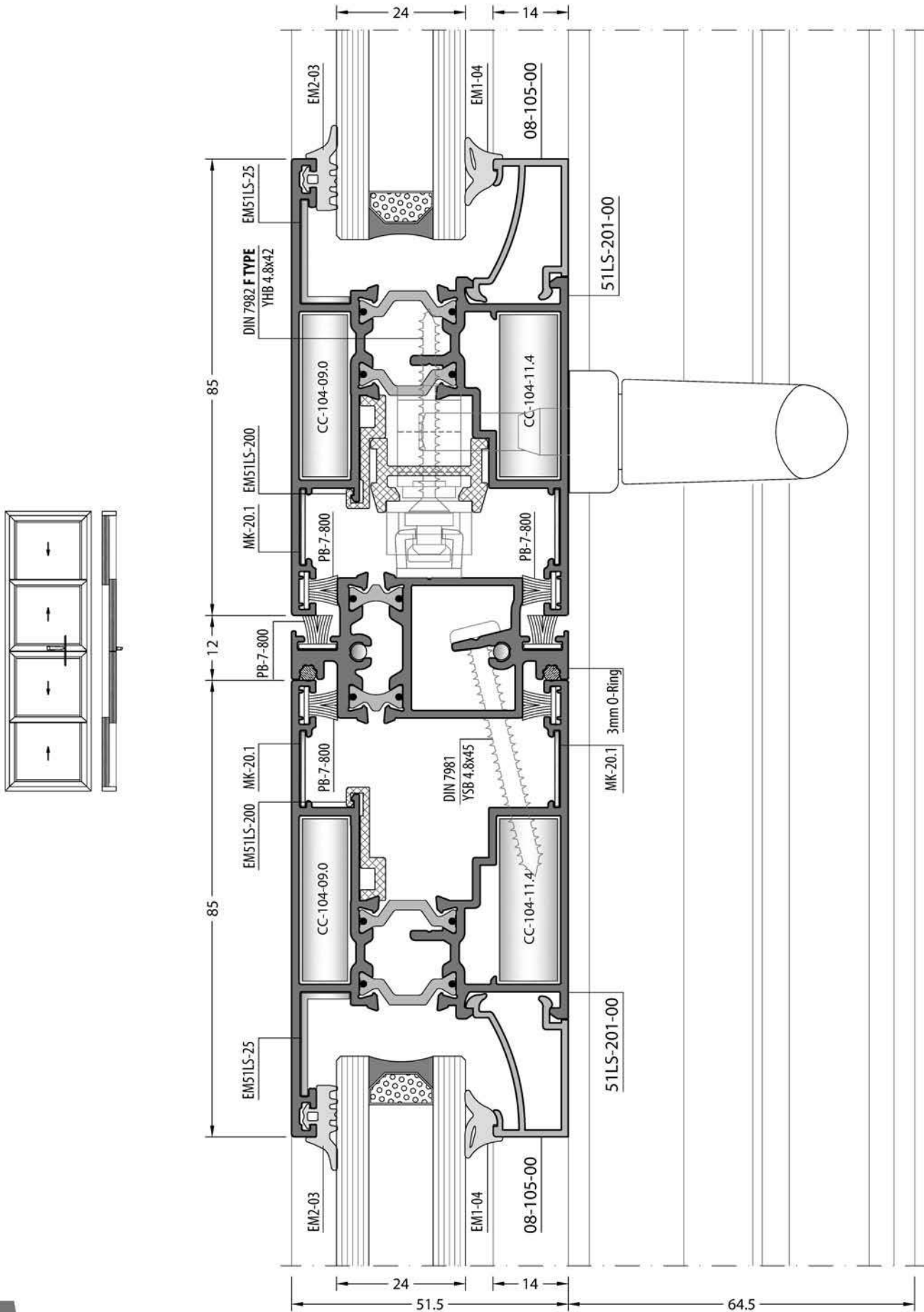
If outside supported profile (51LS-212-00) used, dropper profile (51LS-520-00) must be cutted.

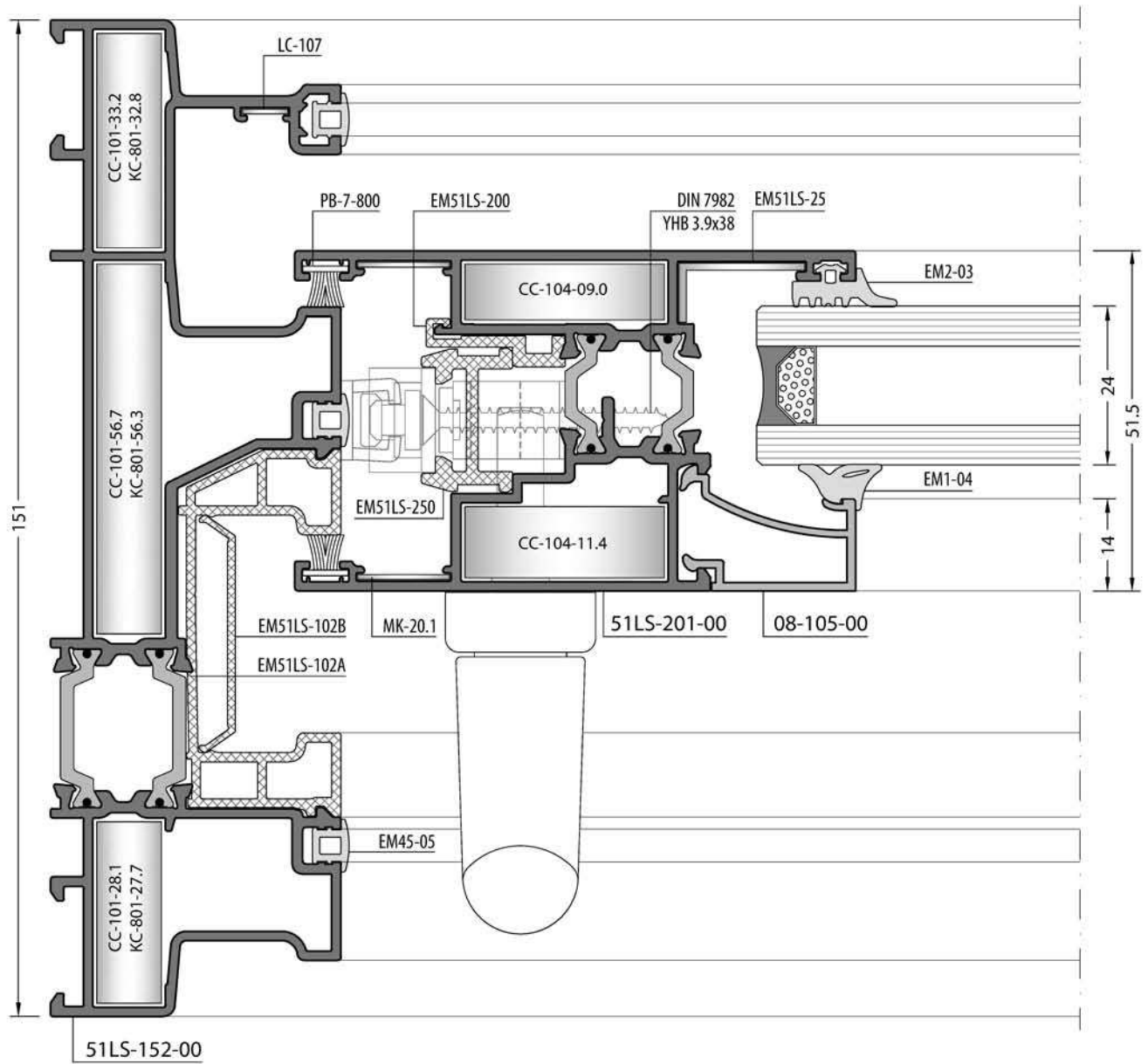
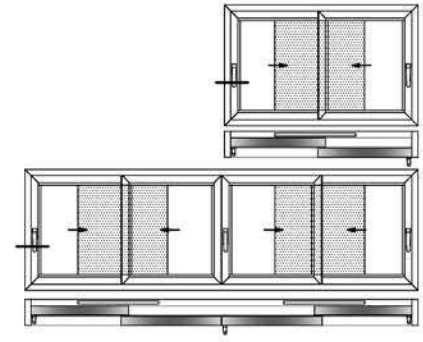
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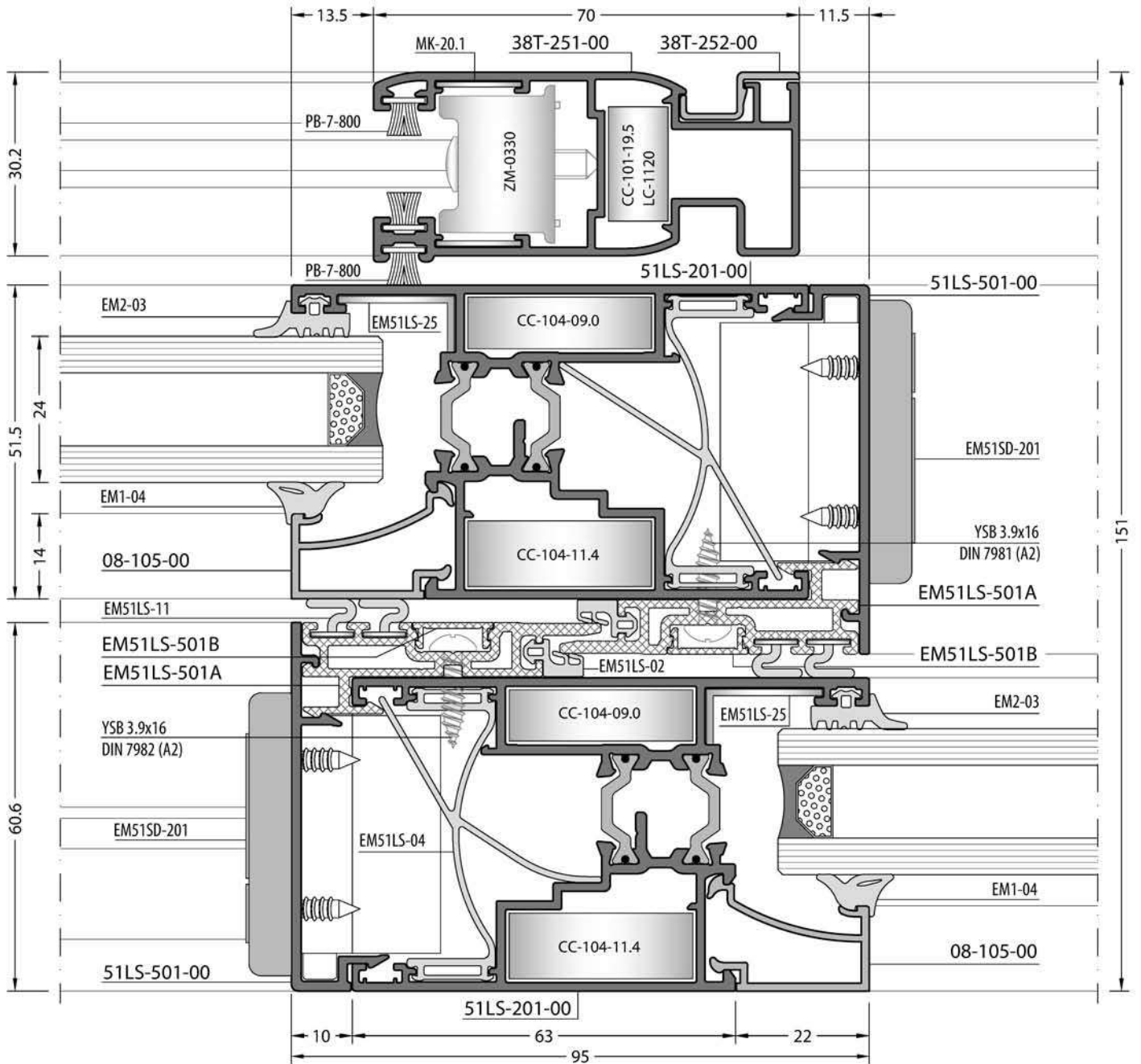
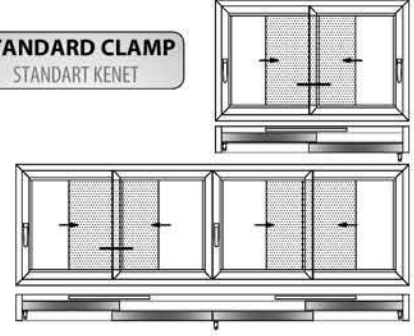
Dışta takviyeli profil (51LS-212-00) varsa damlalık profili (51LS-520-00) kesilmelidir.

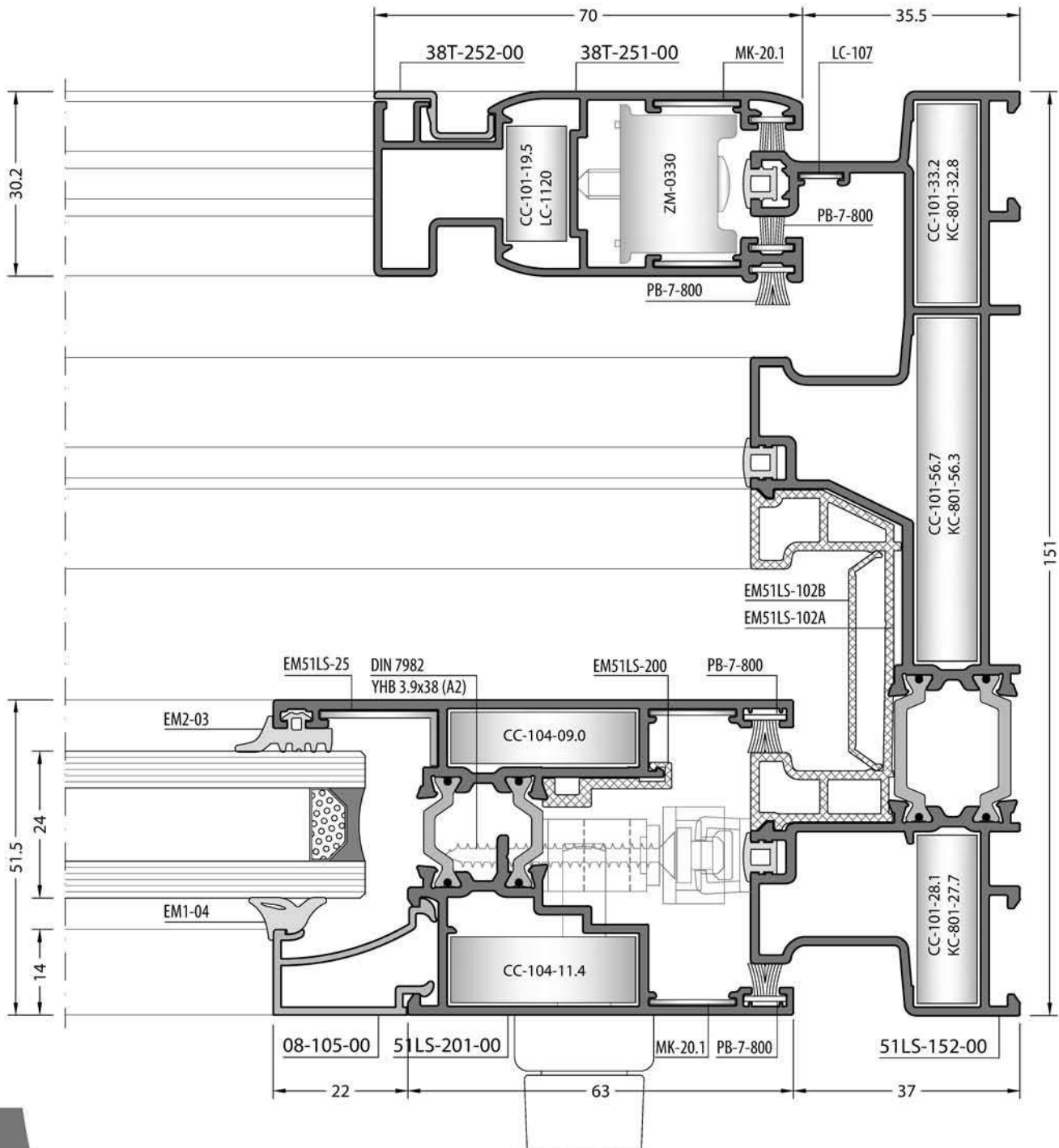
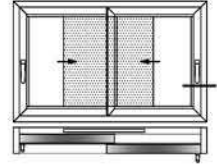
Needs touch-up paint / Rütüş boyası gereklidir.

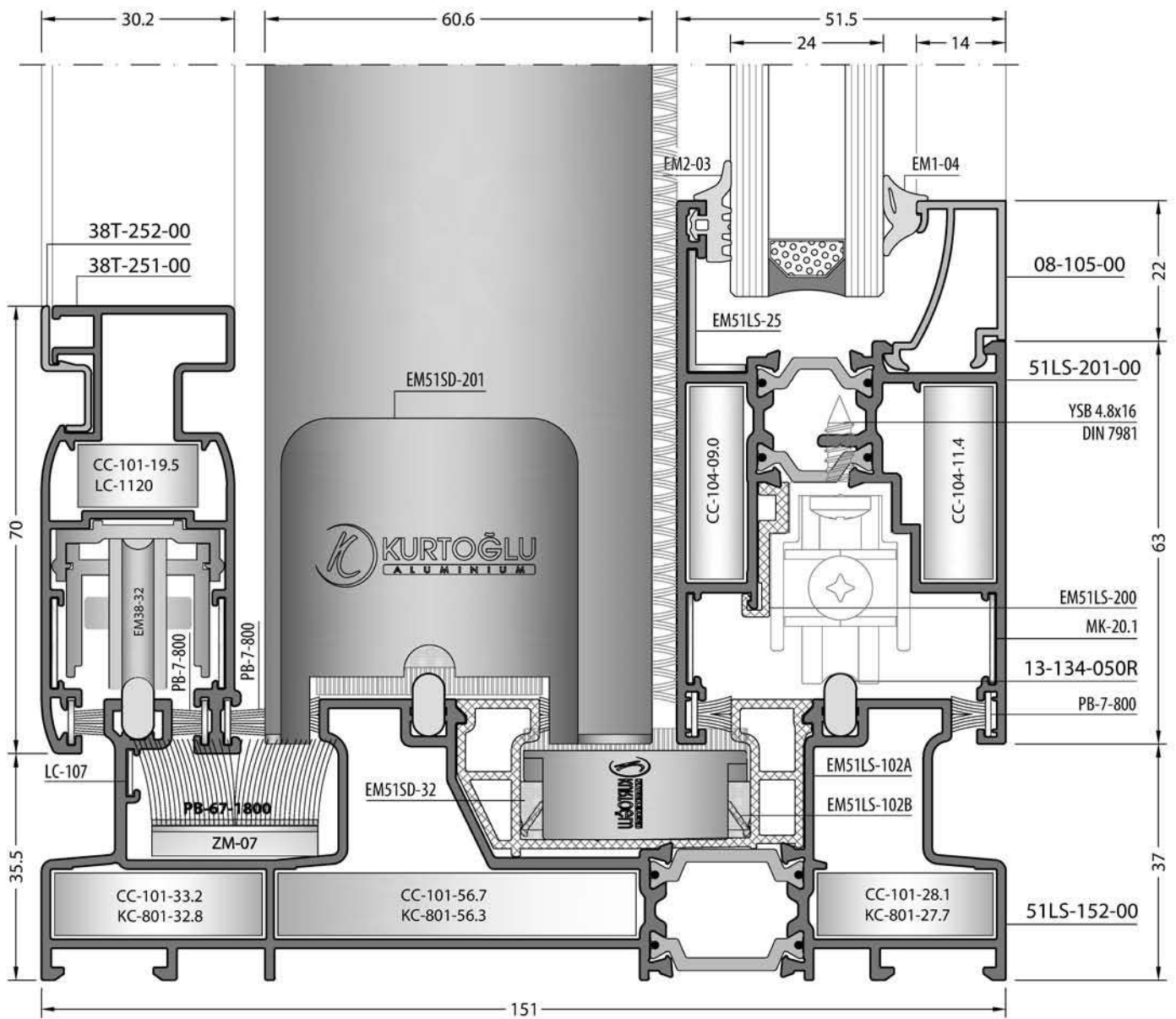
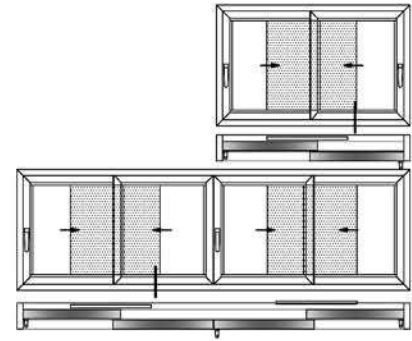


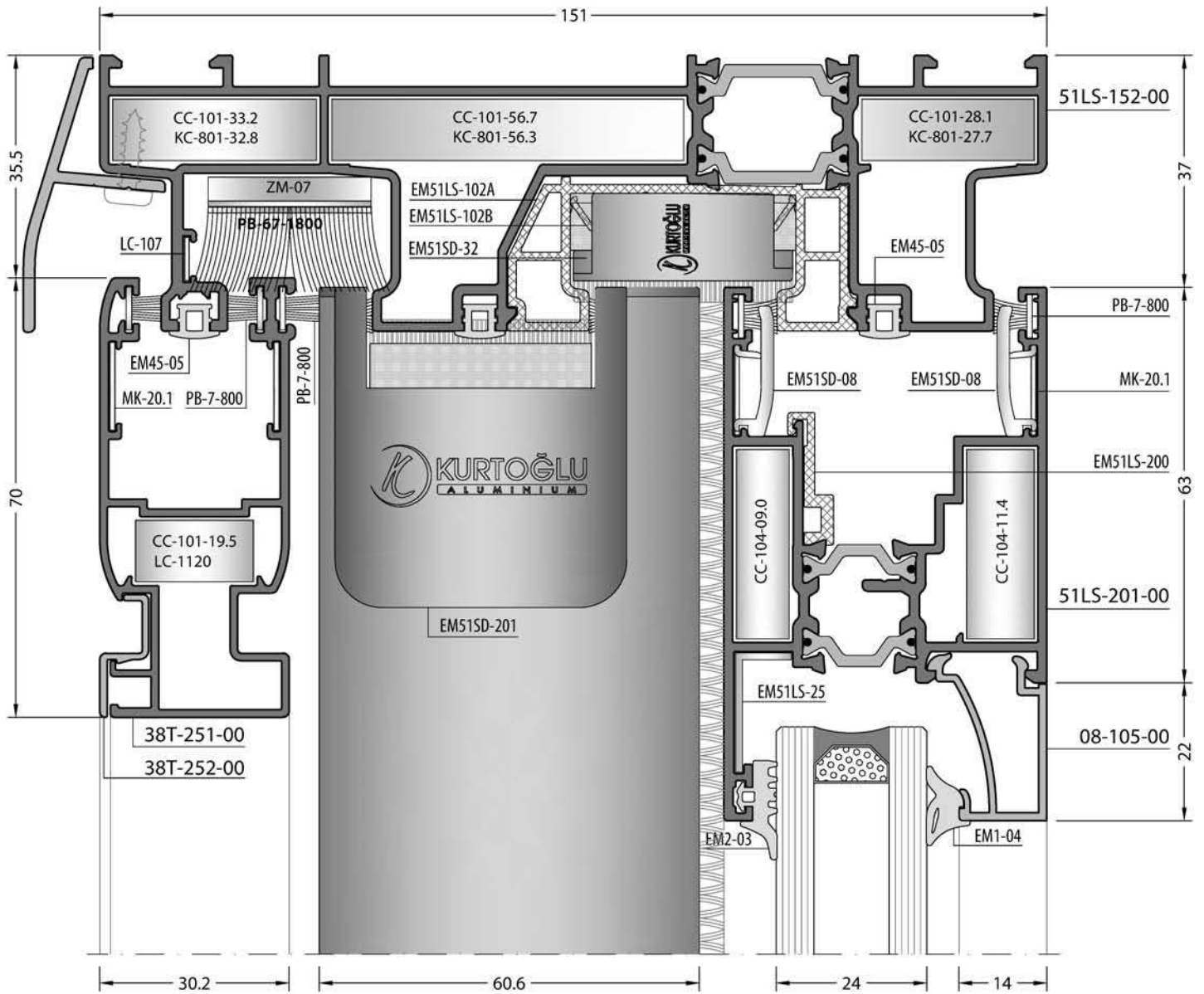
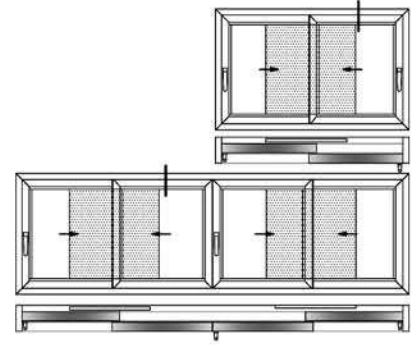


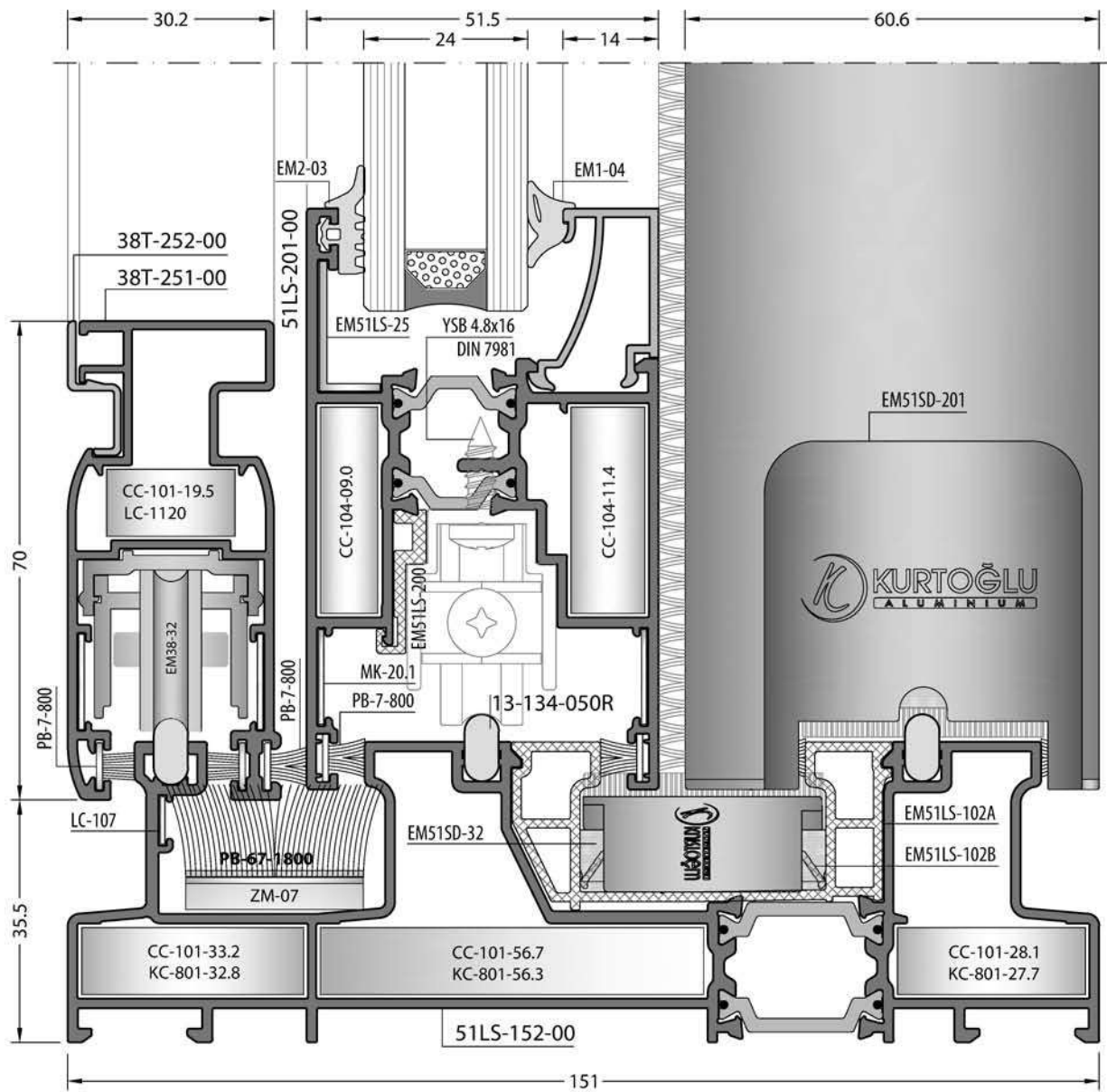
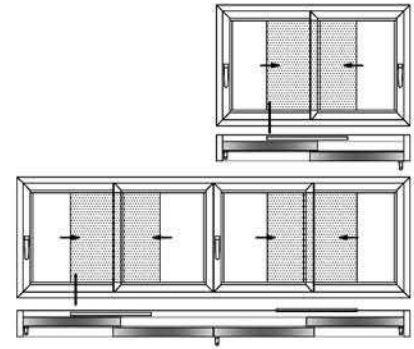


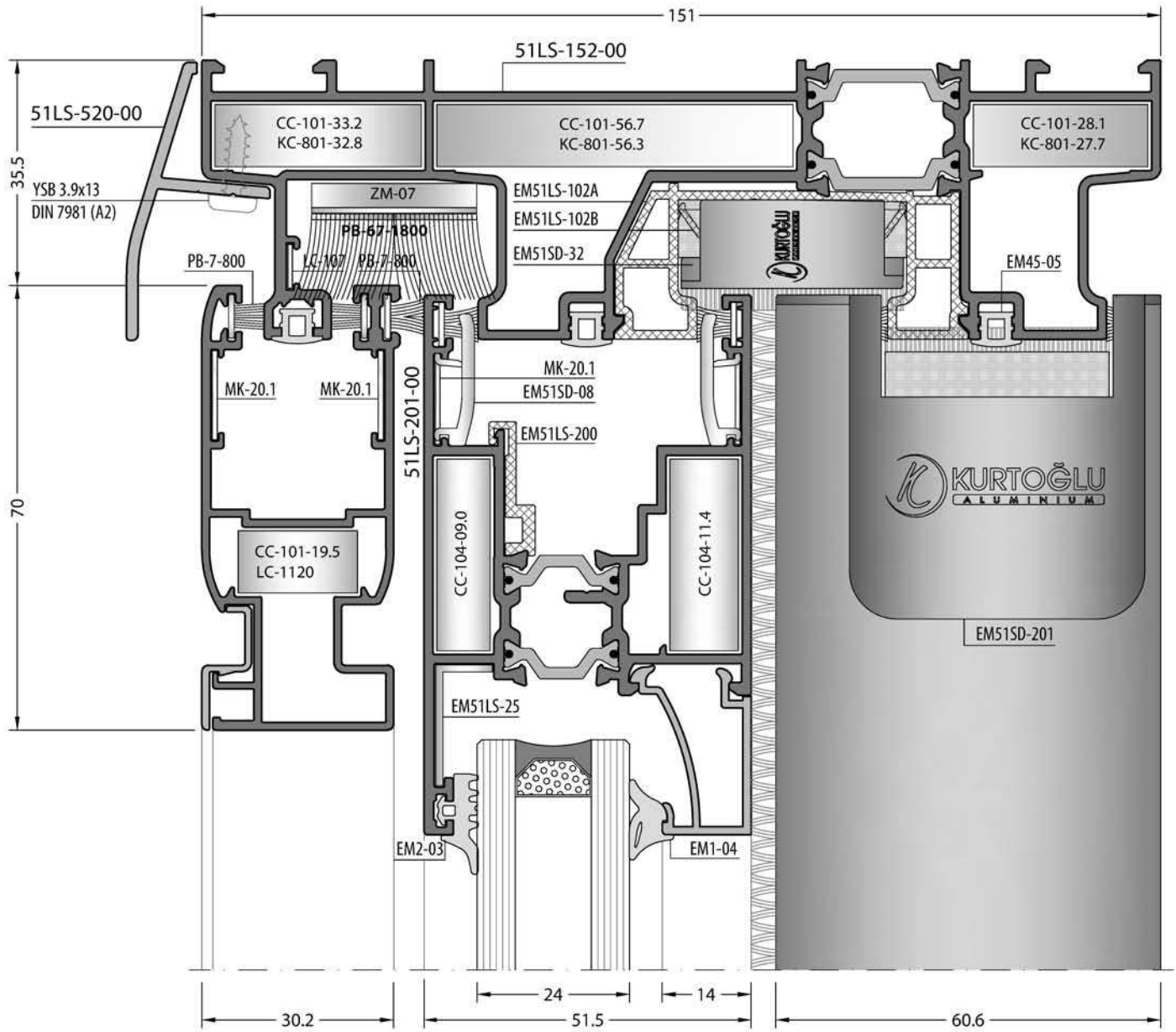
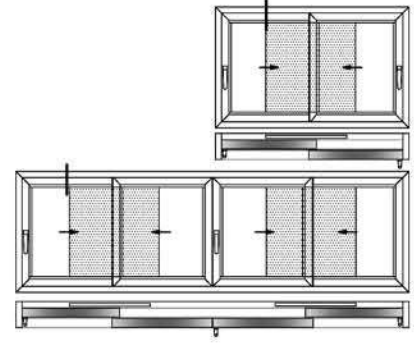
STANDARD CLAMP
STANDART KENET



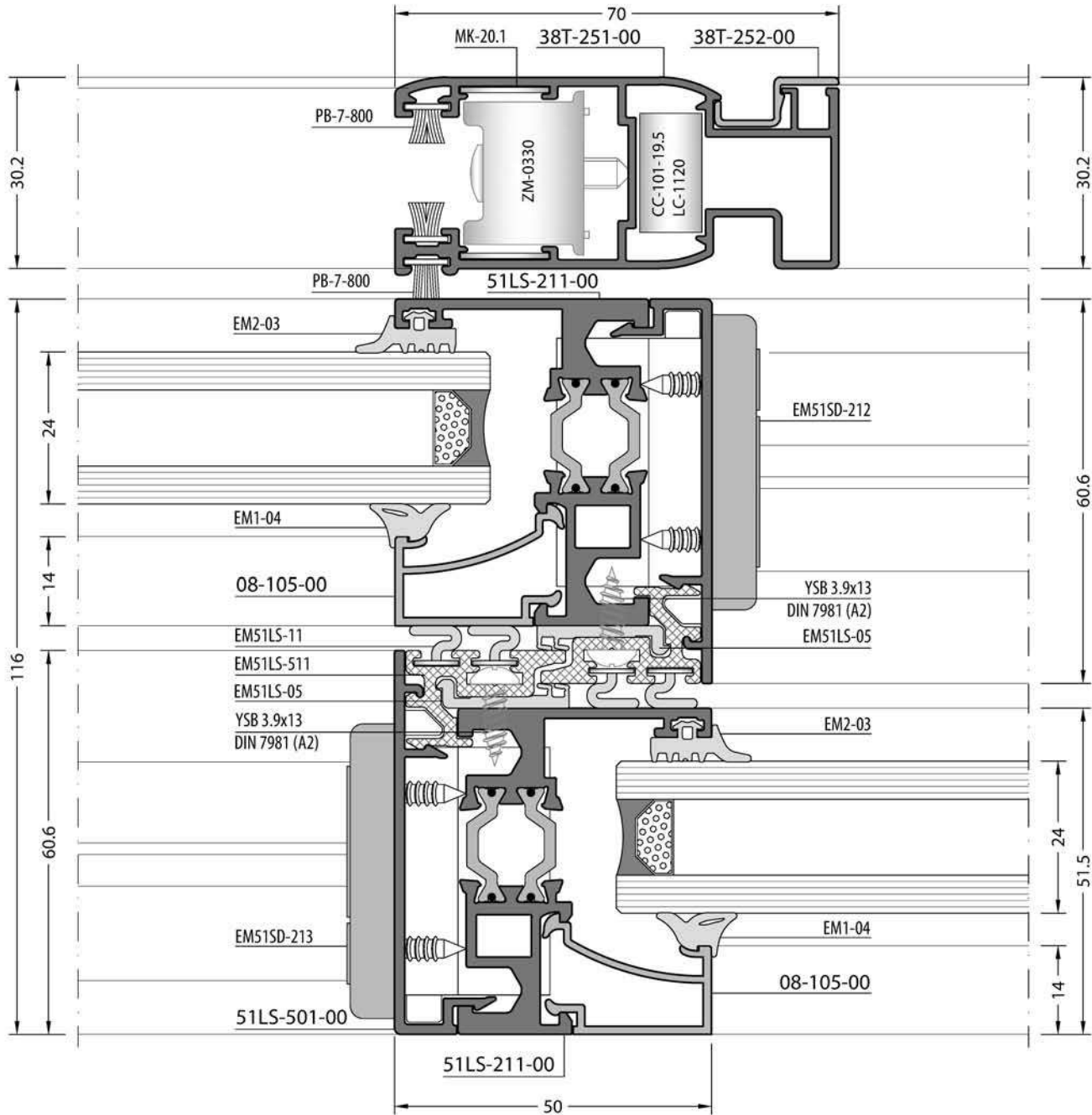
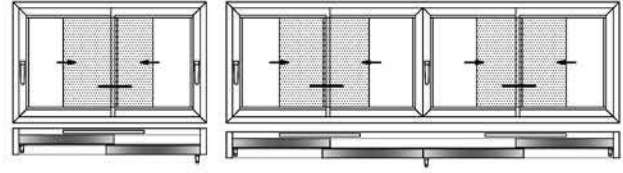




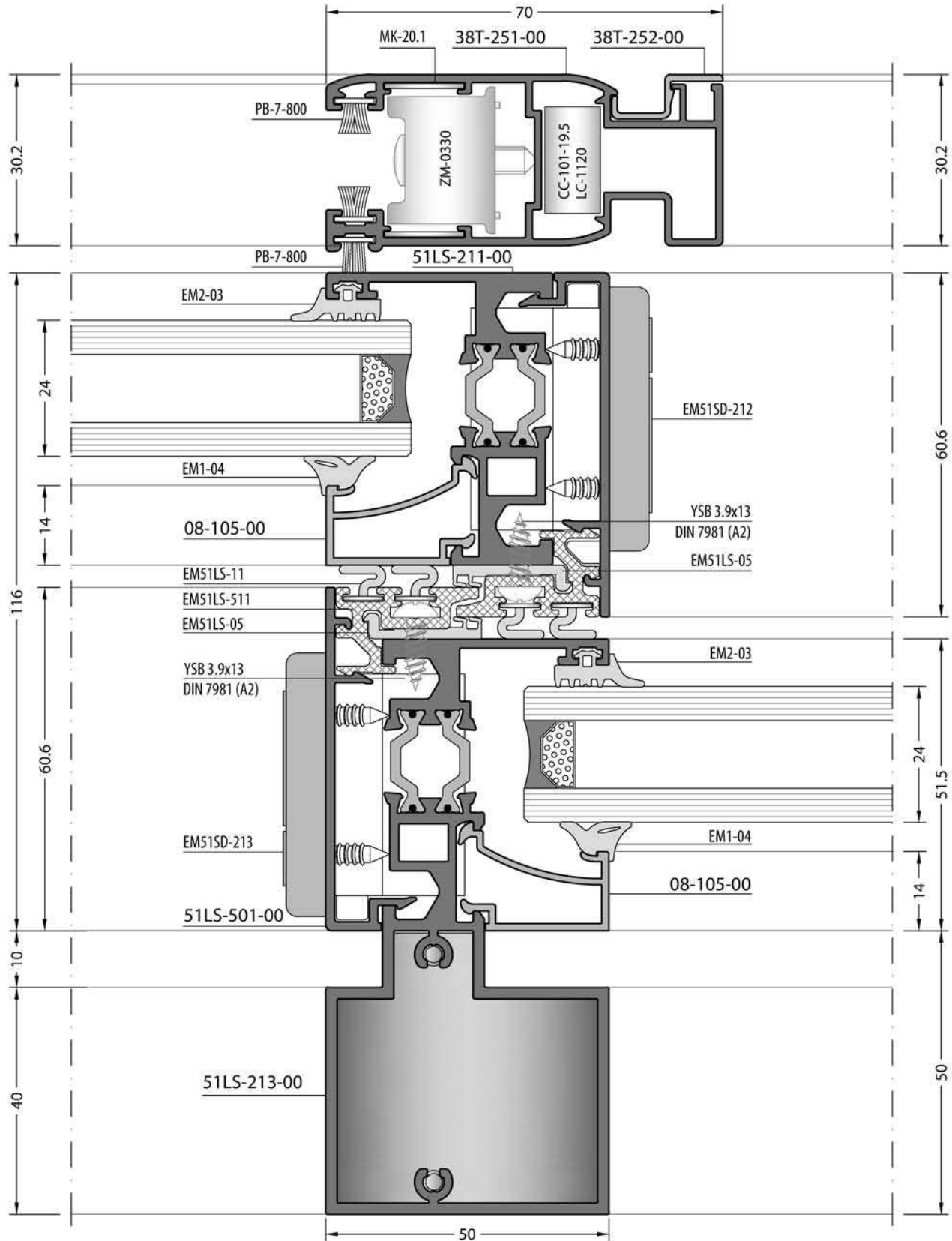
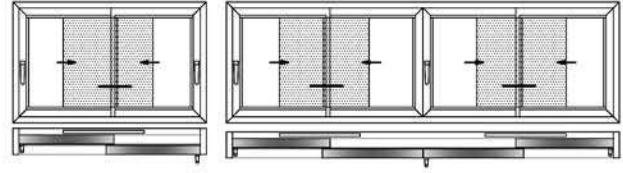




NARROW CLAMP / DAR KENET



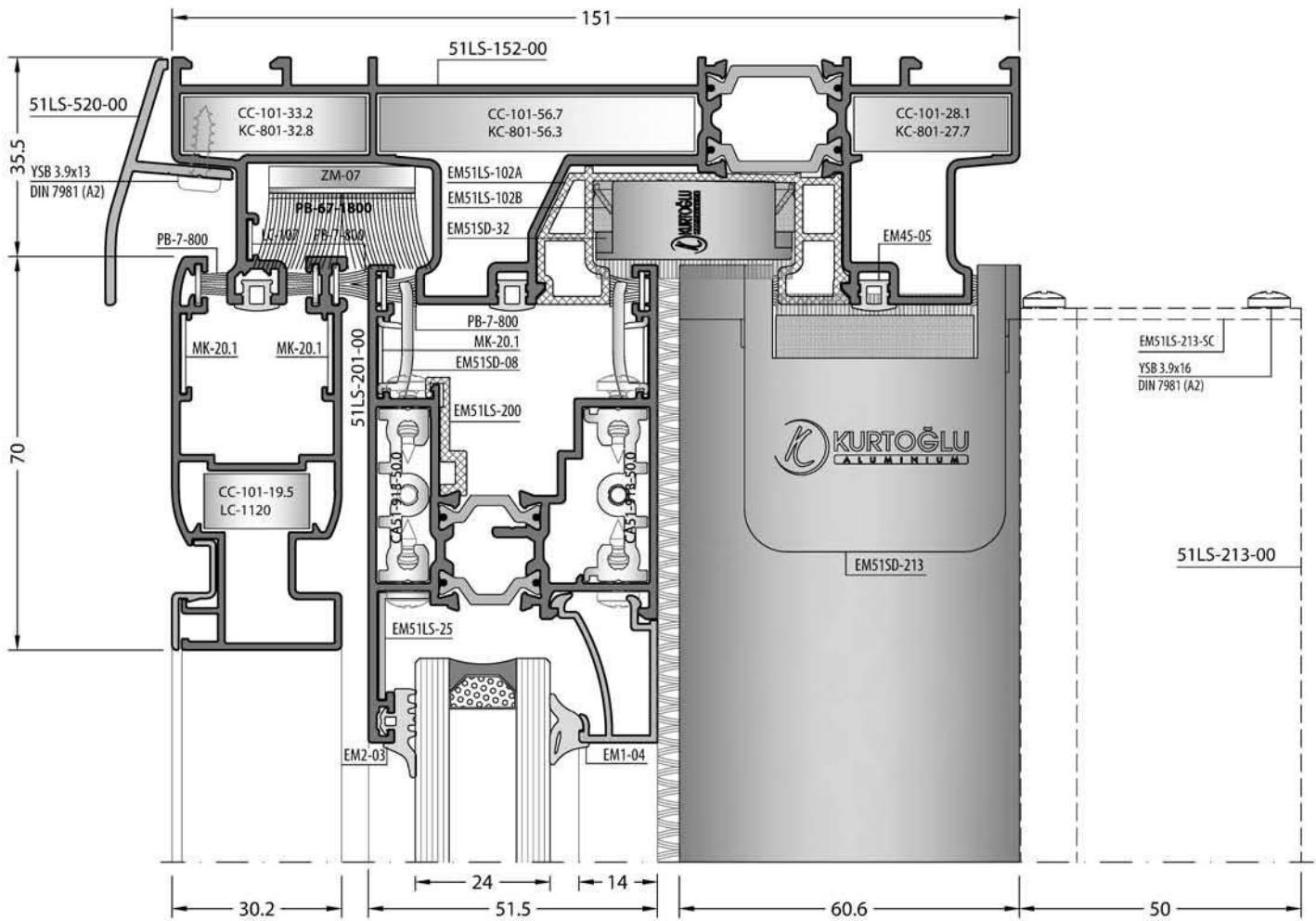
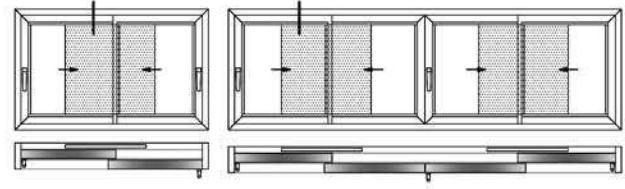
NARROW CLAMP / DAR KENET

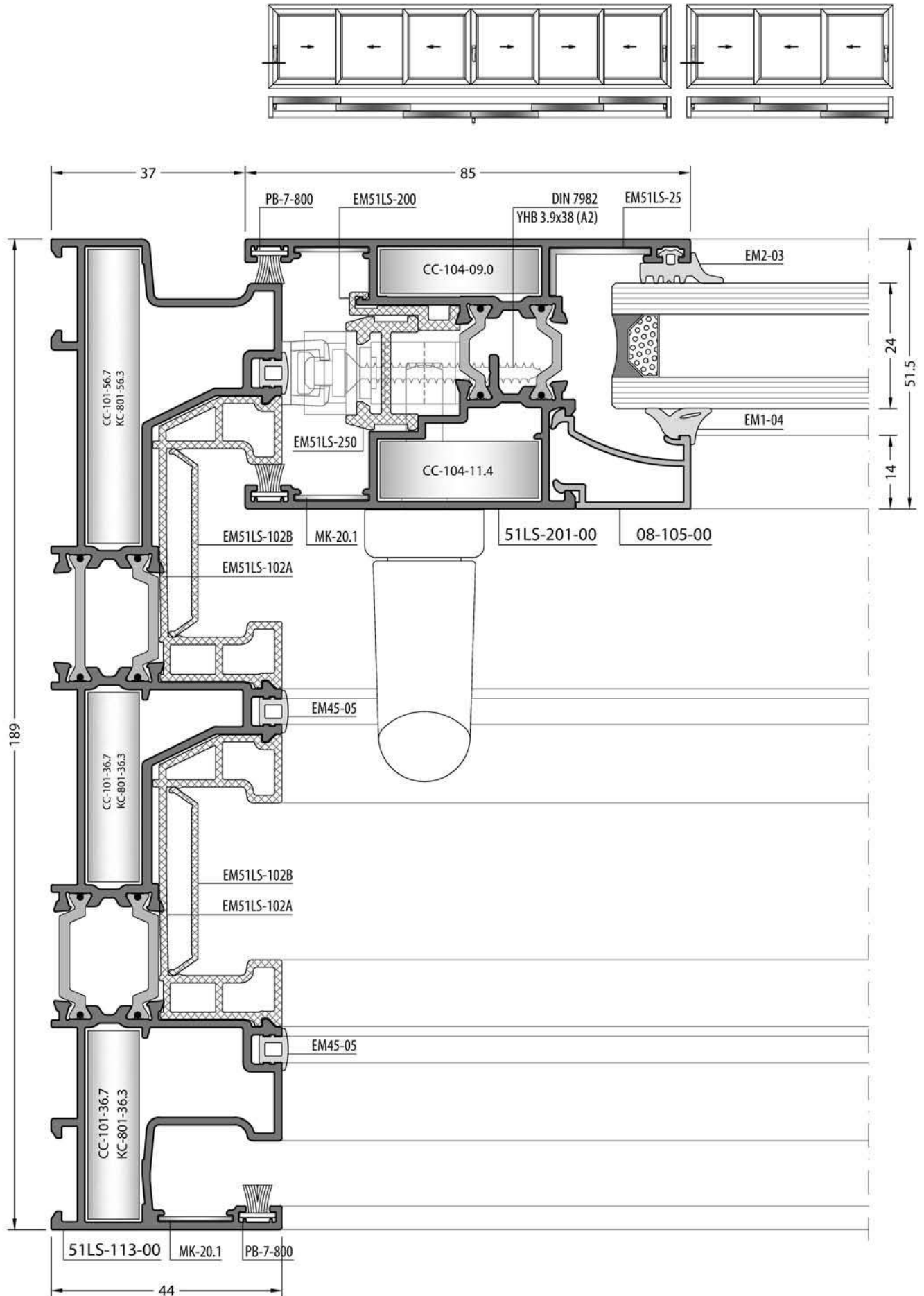


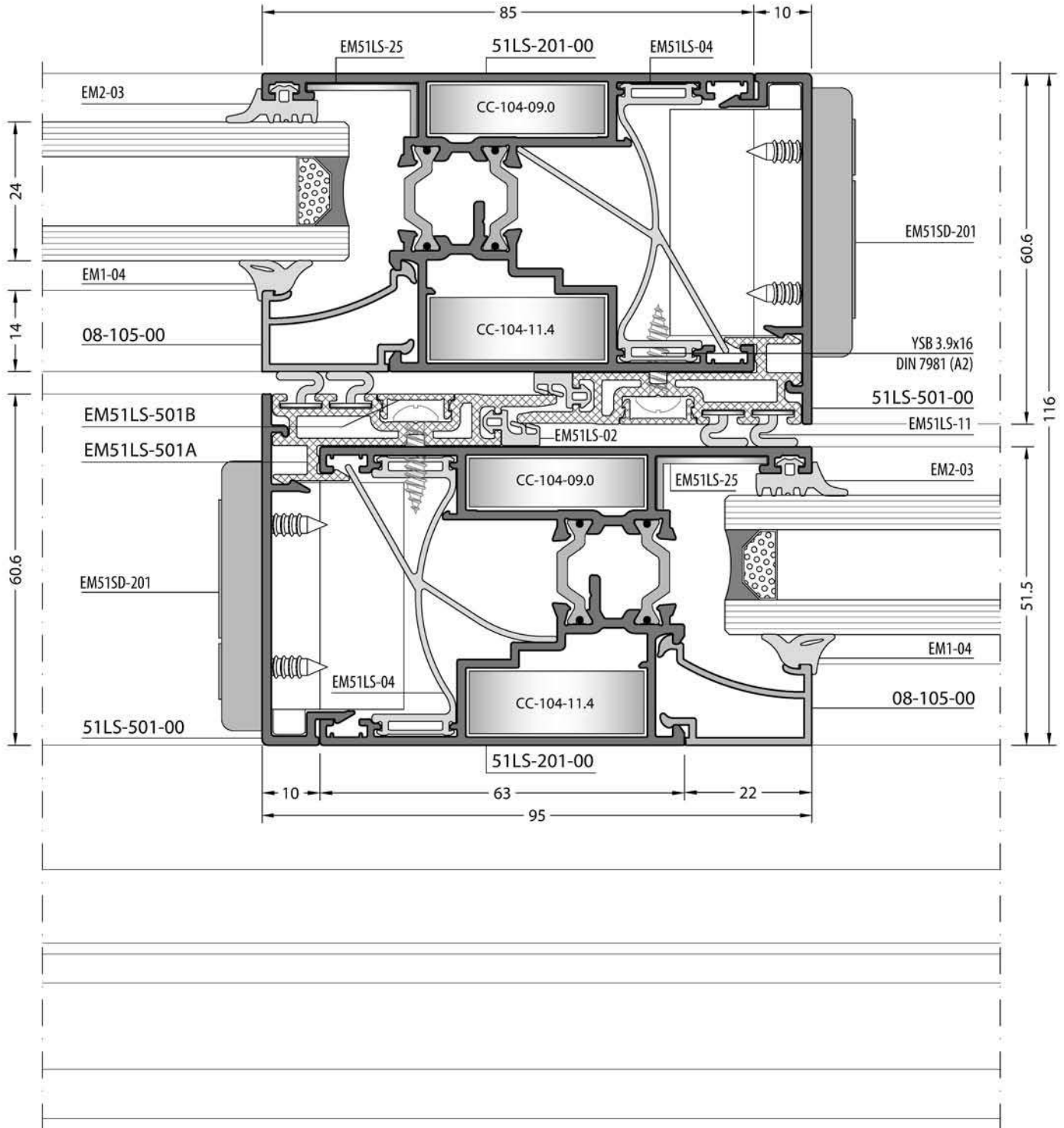
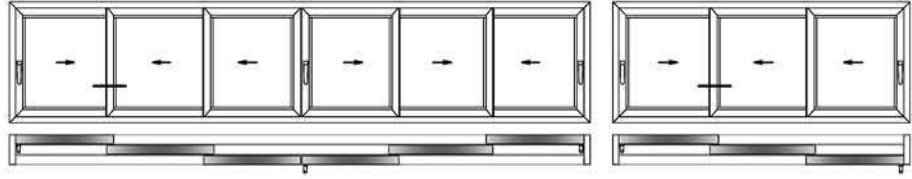
The image contains two sets of technical drawings of window frames. Each set includes a top view (plan) and a side view (elevation). The top views show the internal structure of the frame, including the sash and the frame itself. The side views show the frame's profile and the sash's position. The drawings are labeled with dimensions and components, such as 'Frame', 'Sash', and 'Glass'.



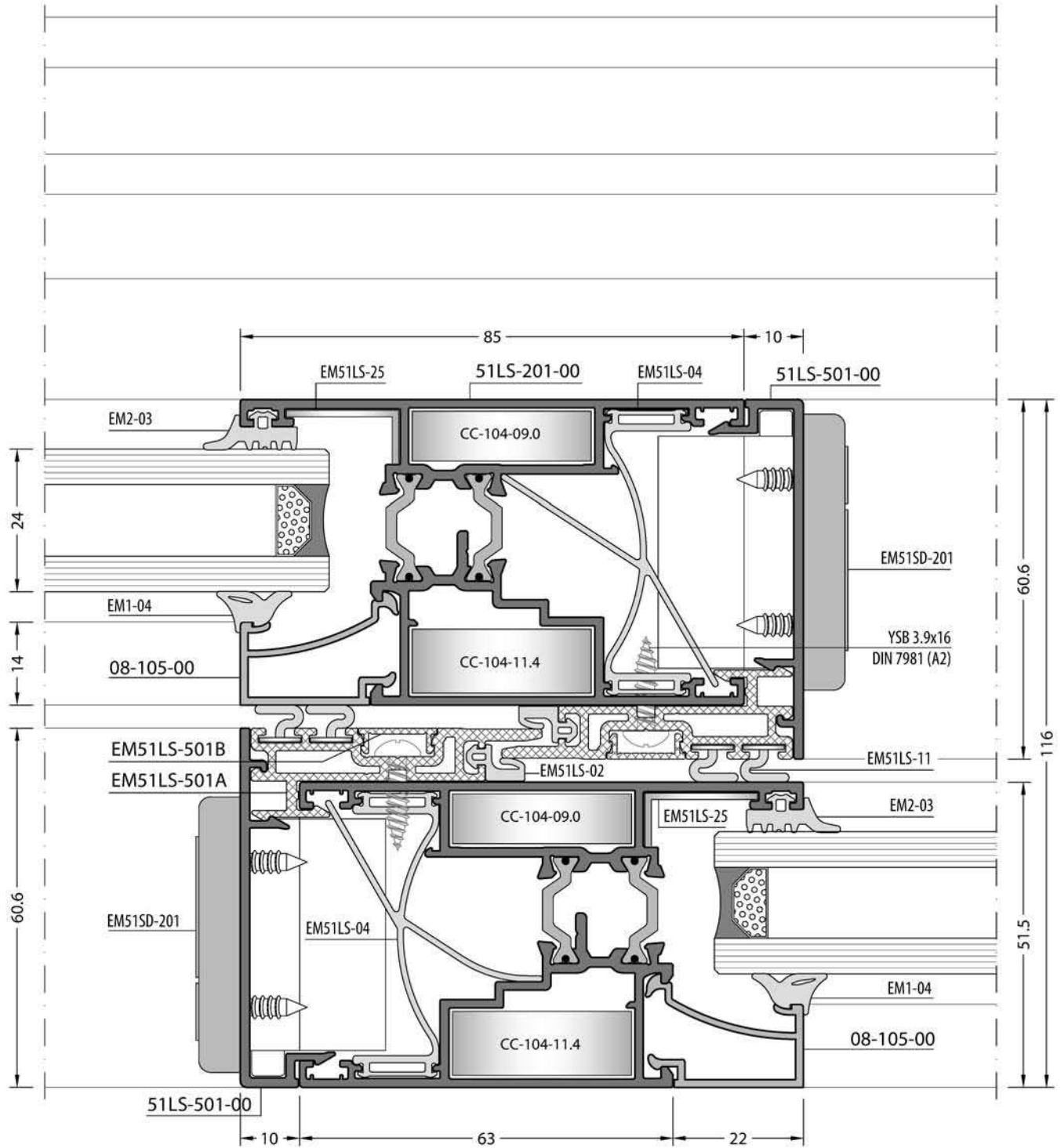
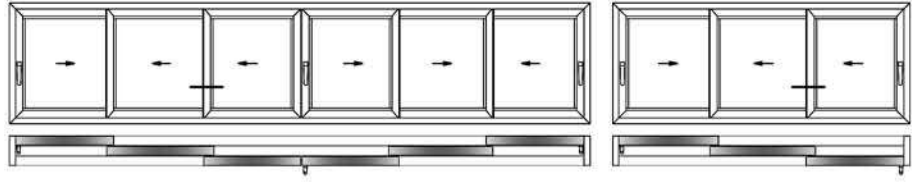
NARROW CLAMP / DAR KENET

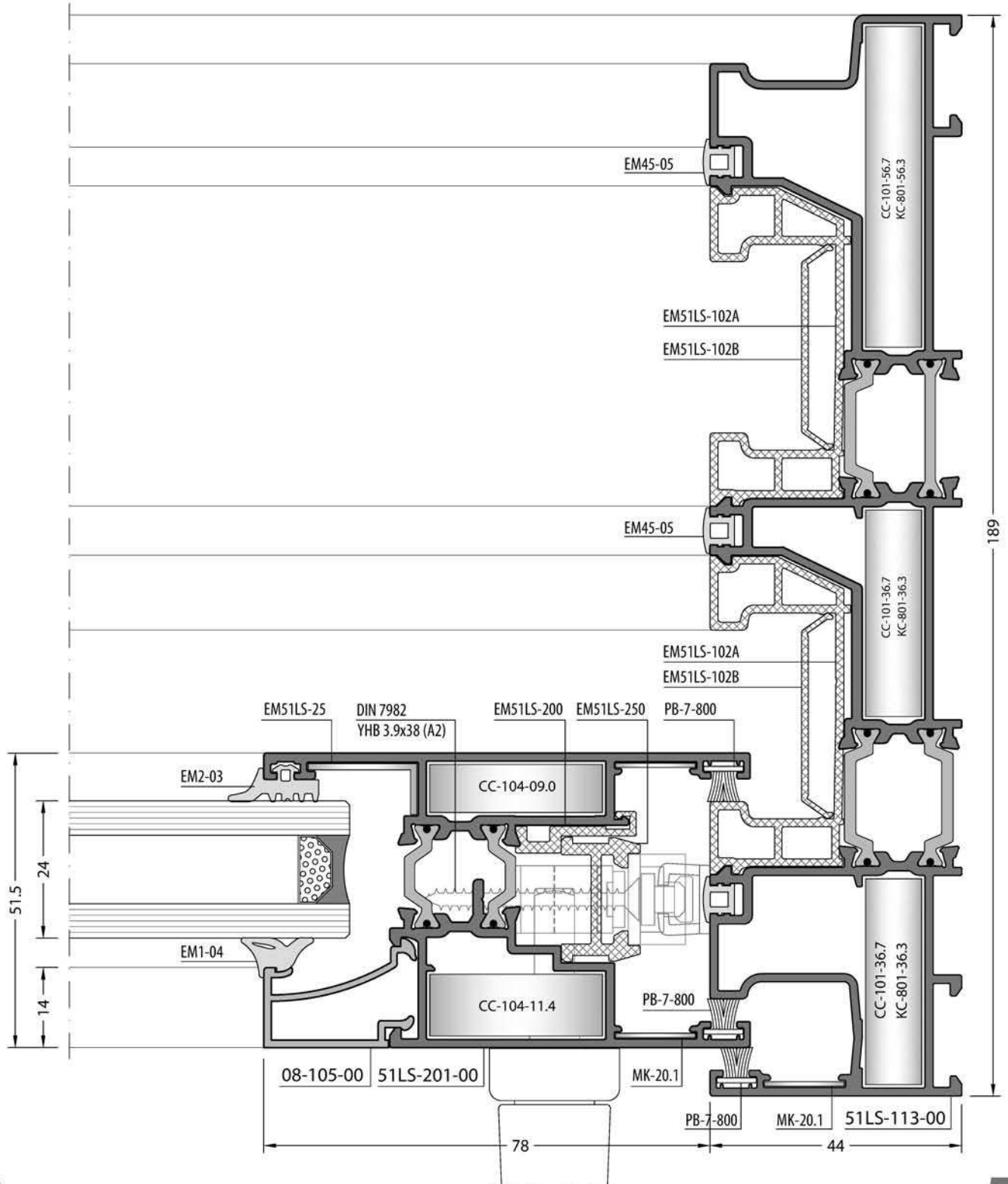
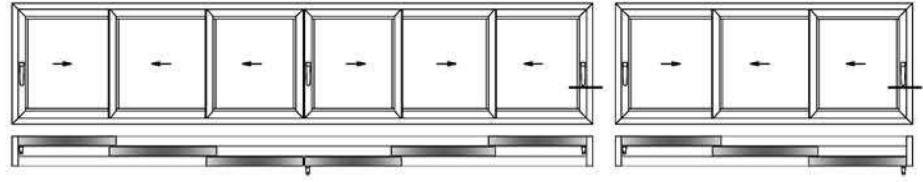


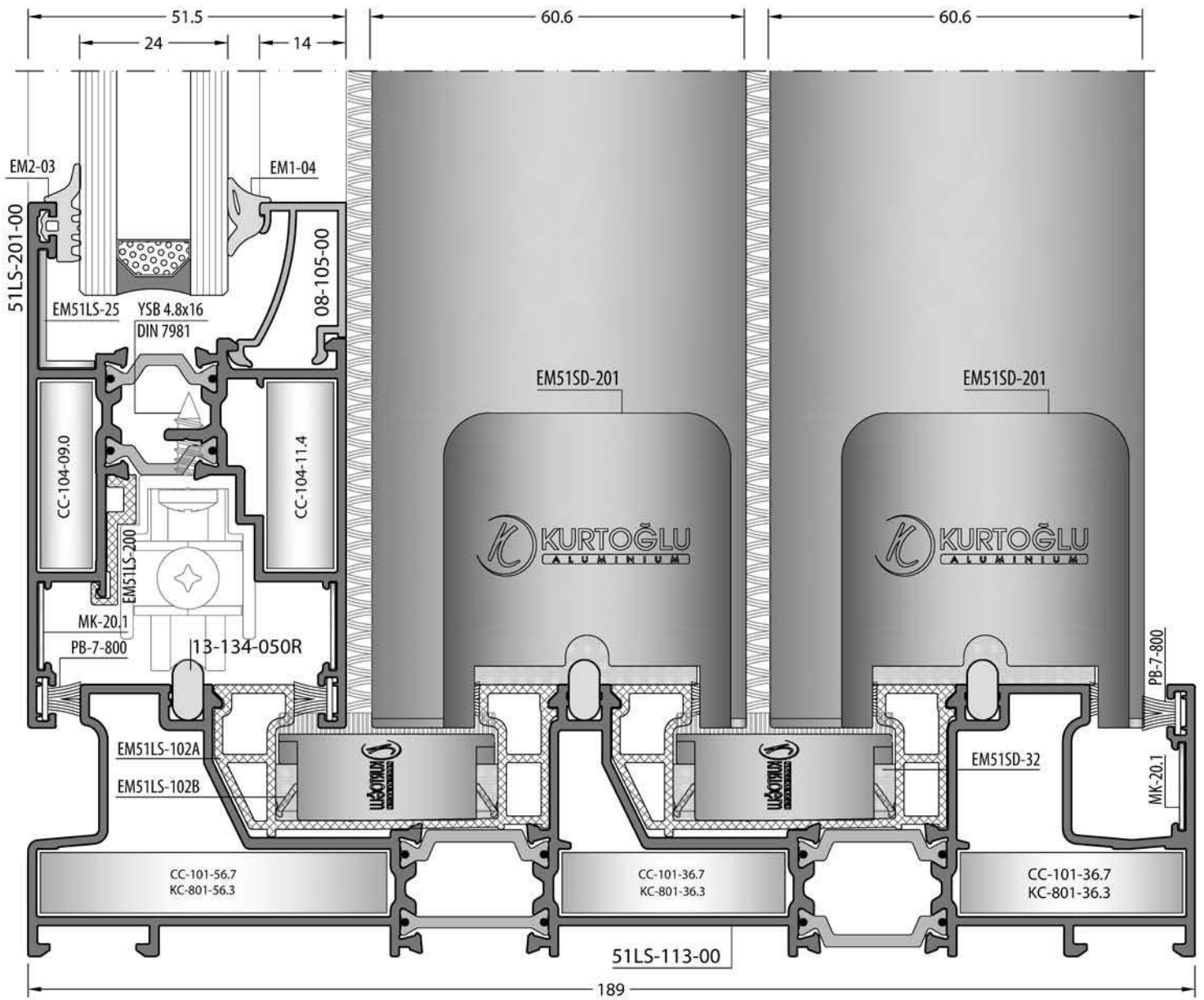
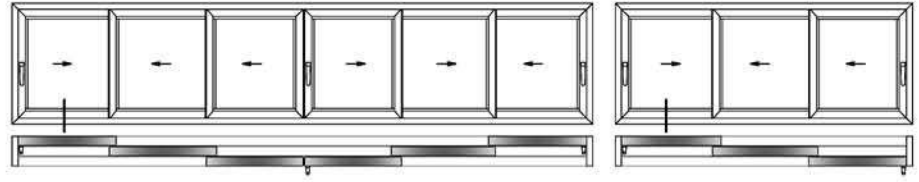


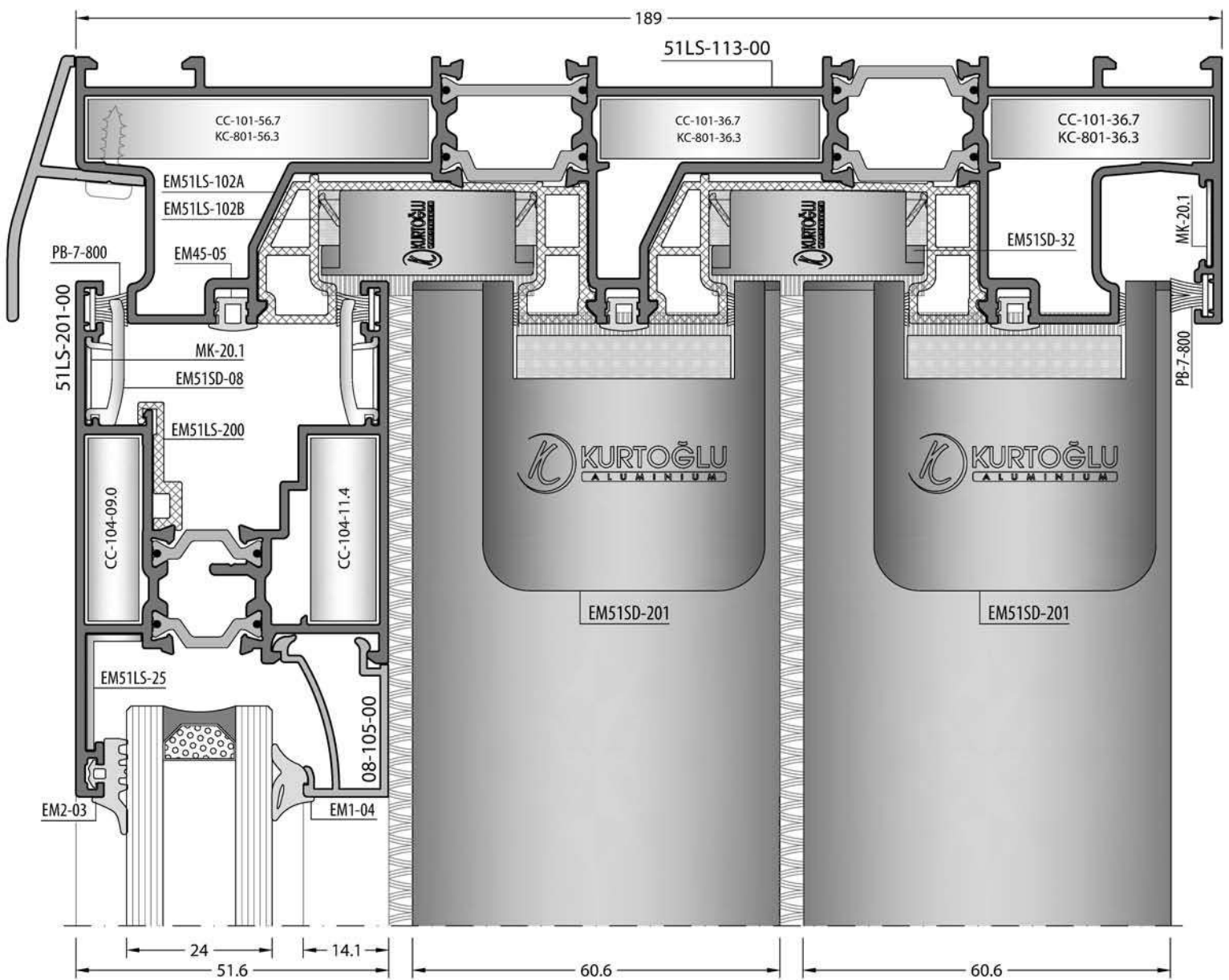
STANDARD CLAMP
STANDART KENET

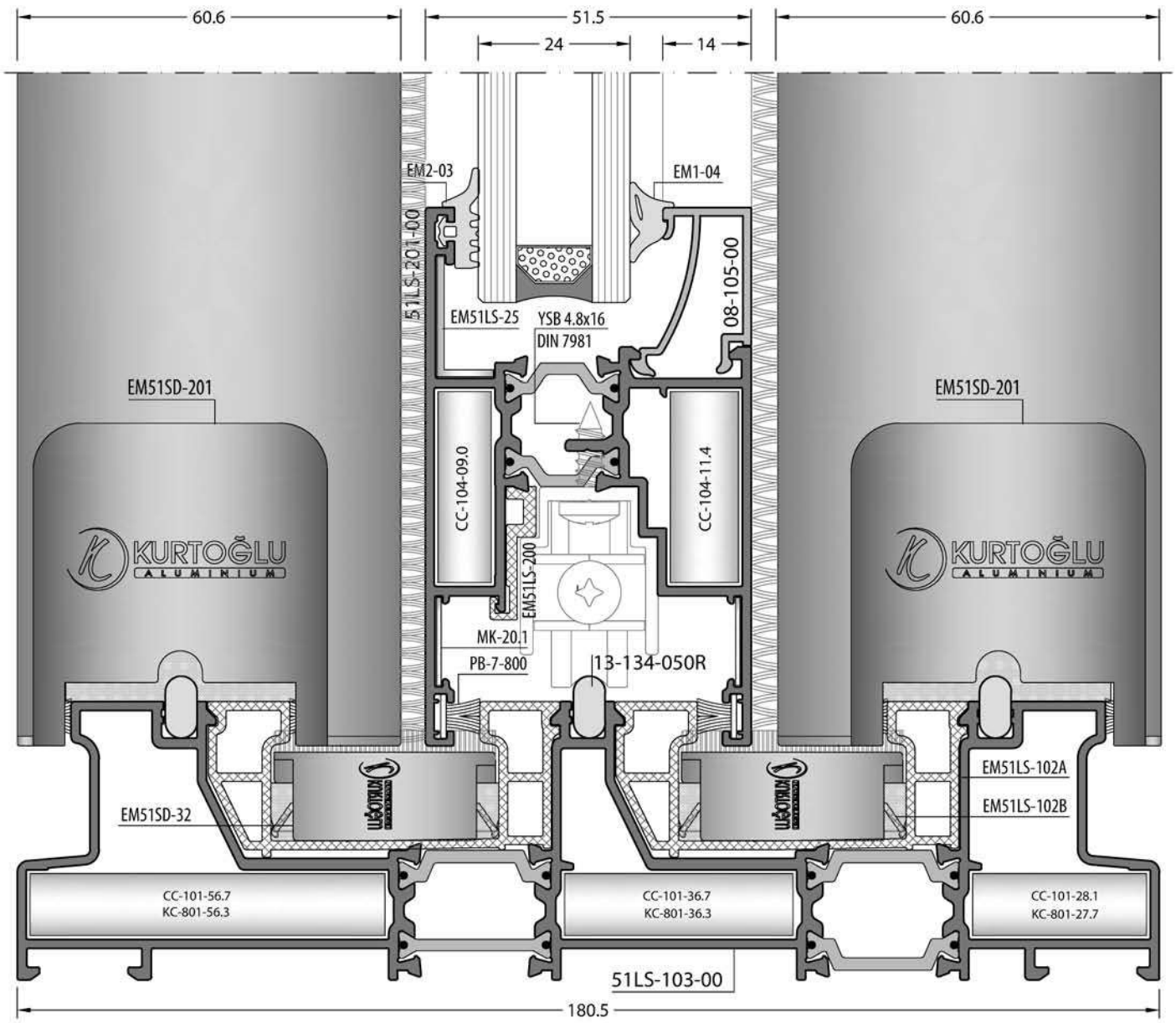
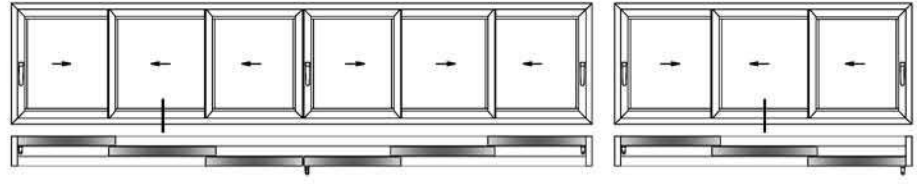
STANDARD CLAMP
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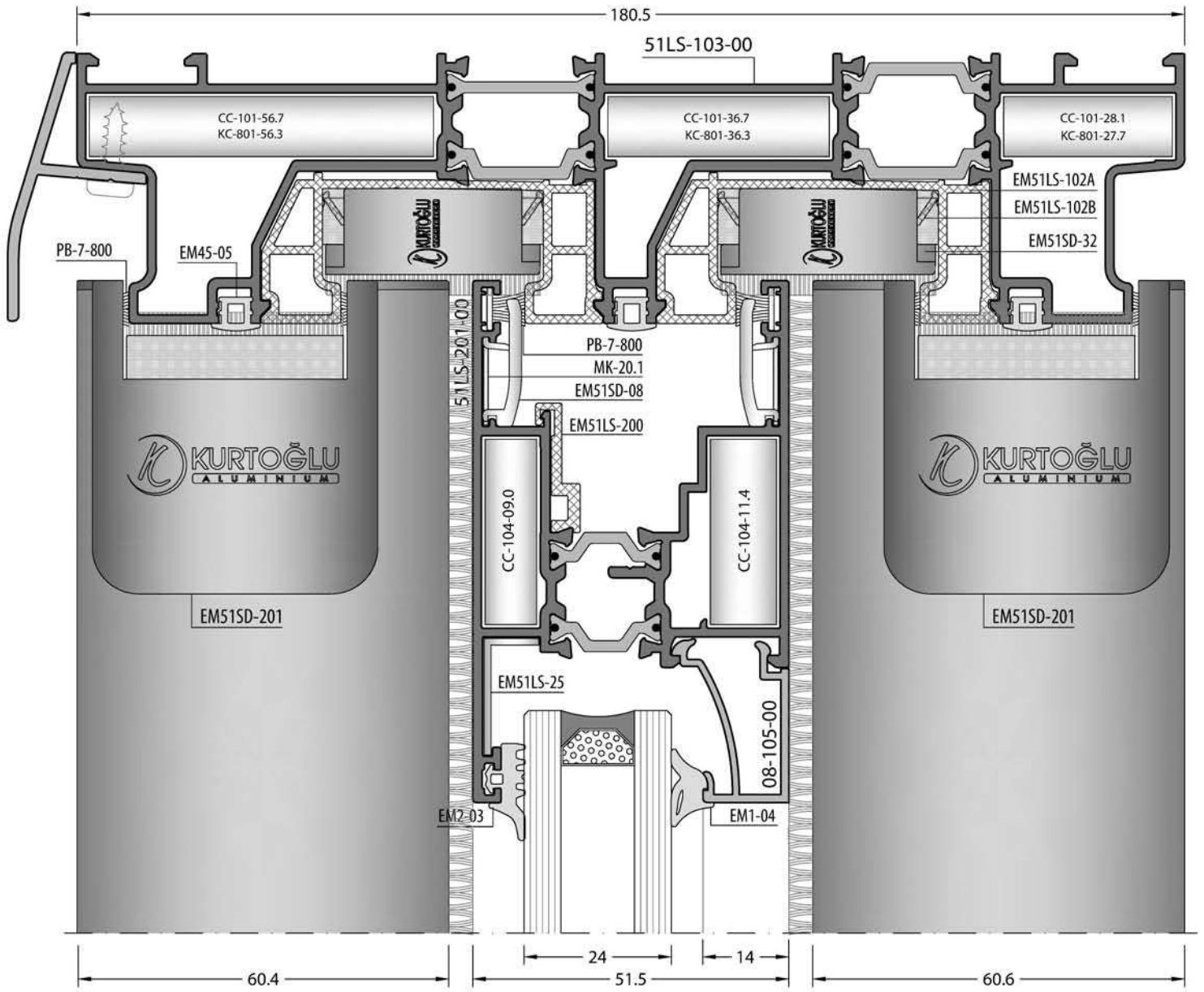
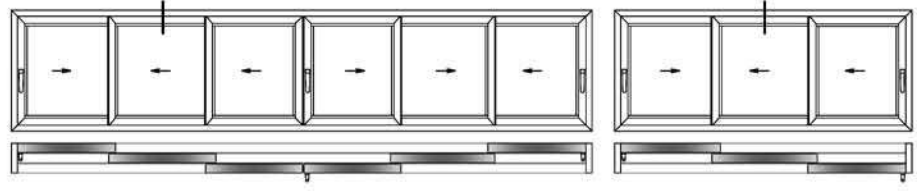


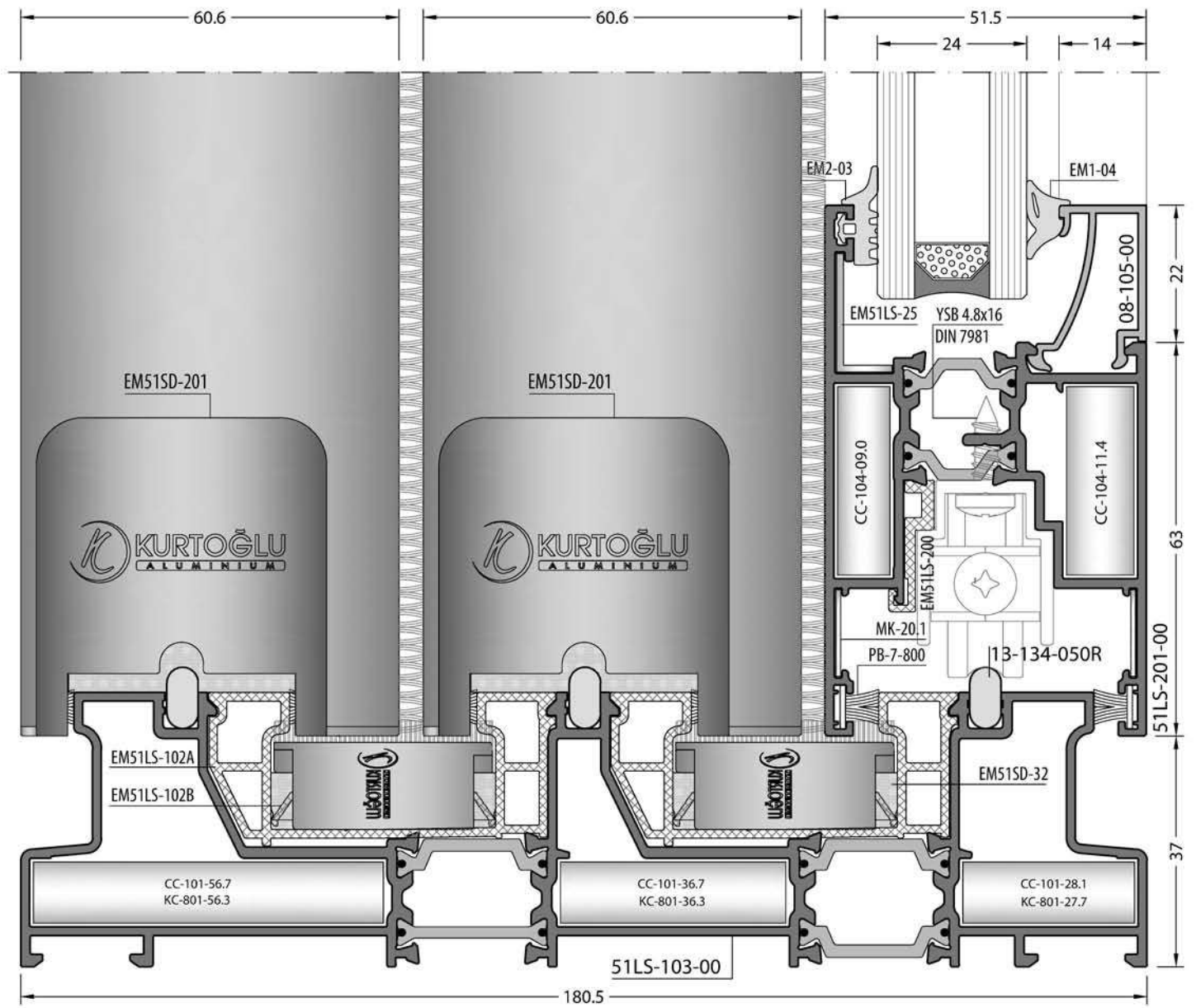
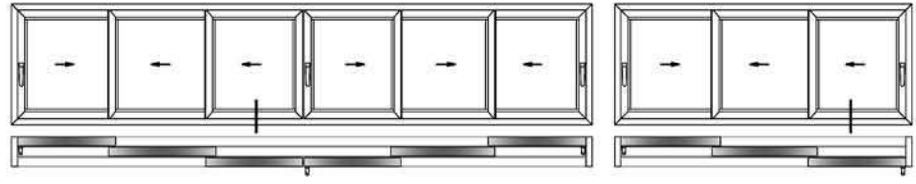


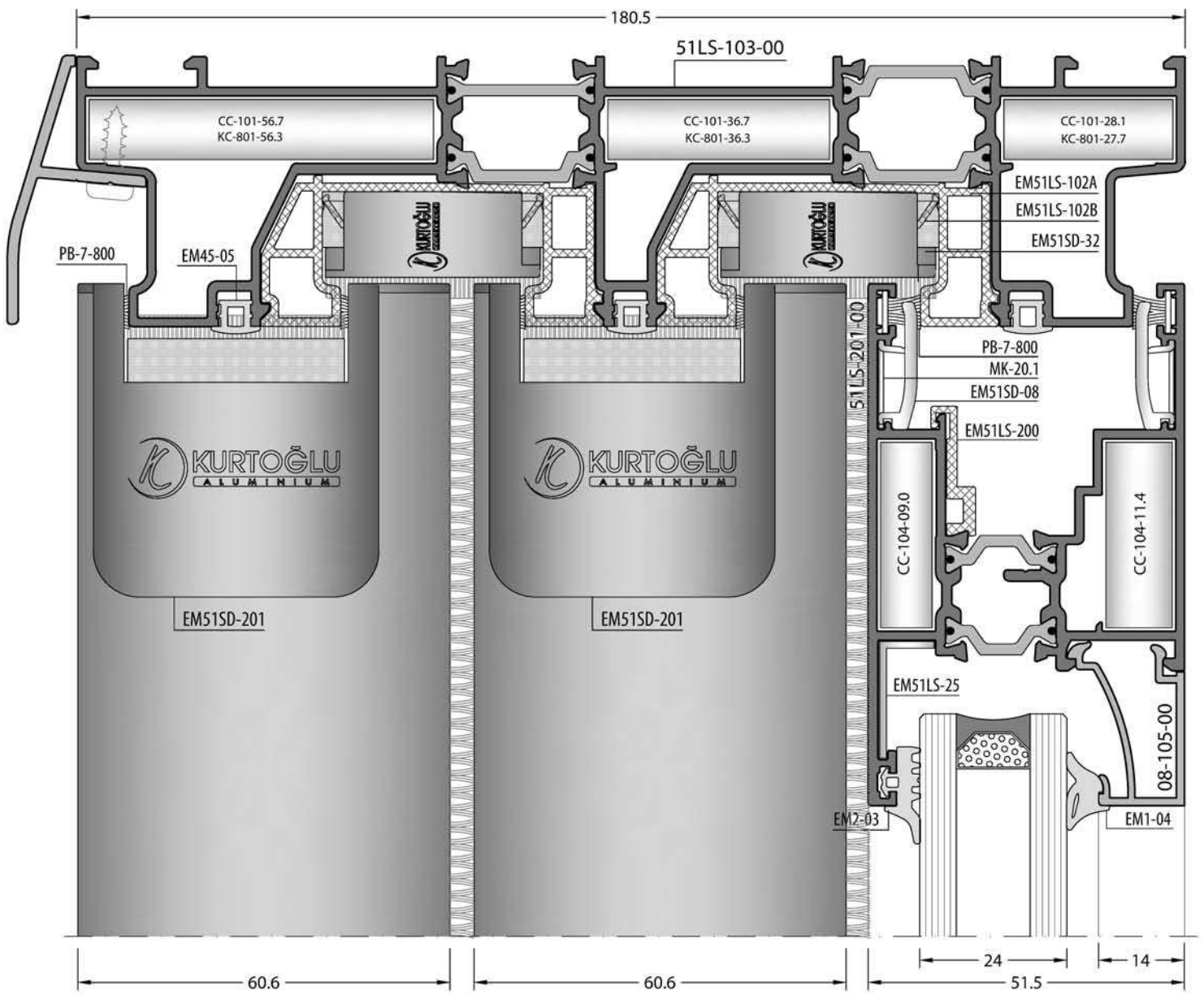
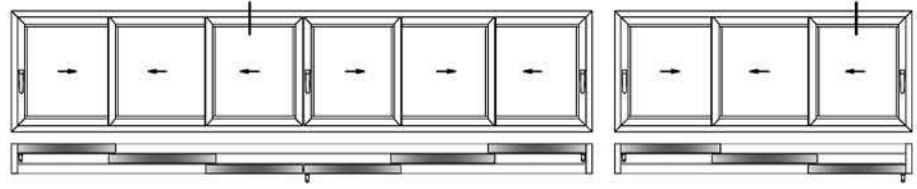




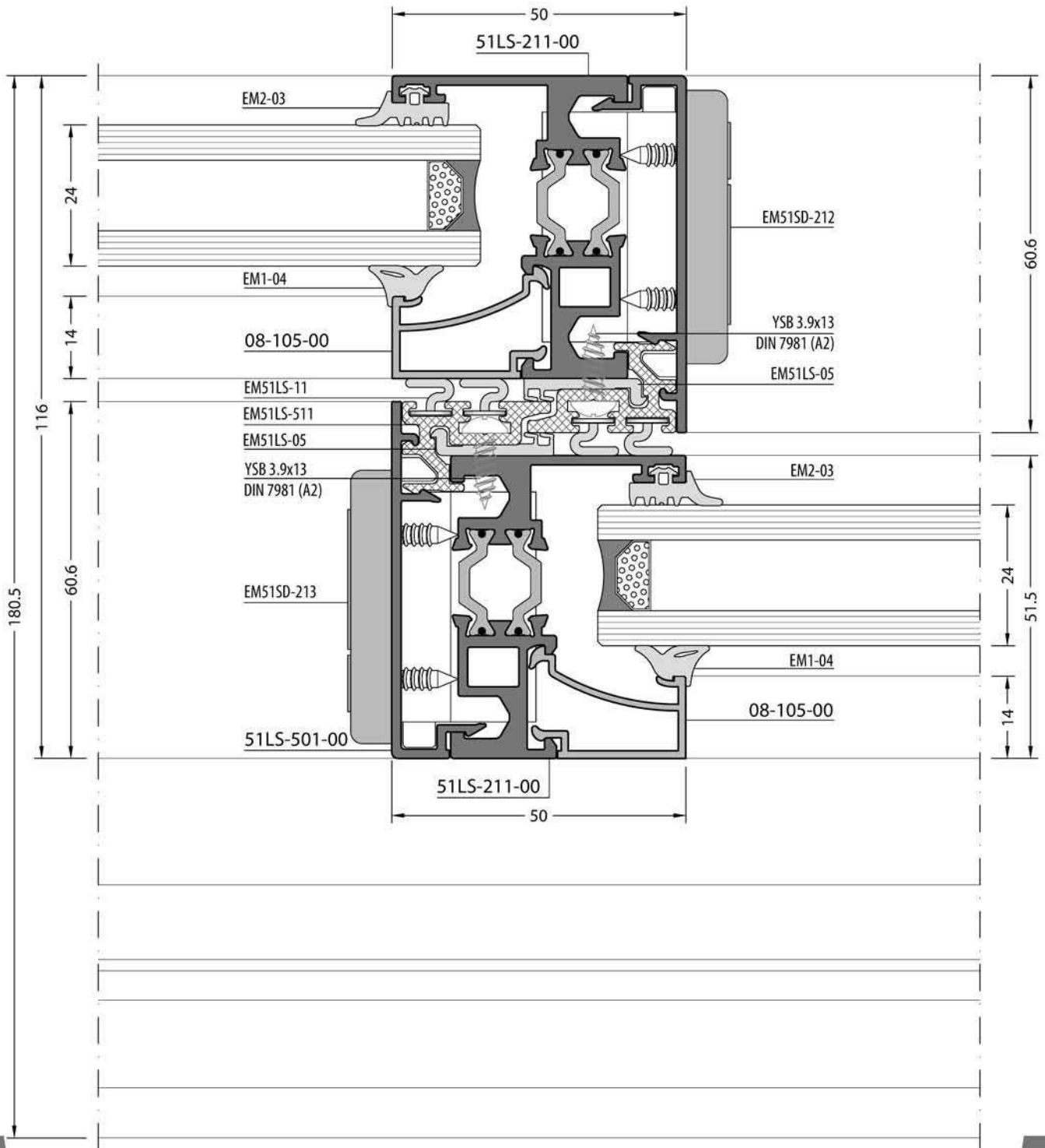
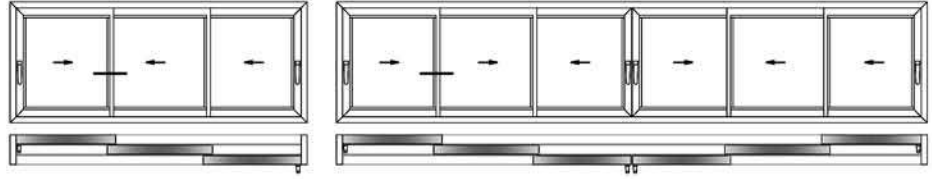


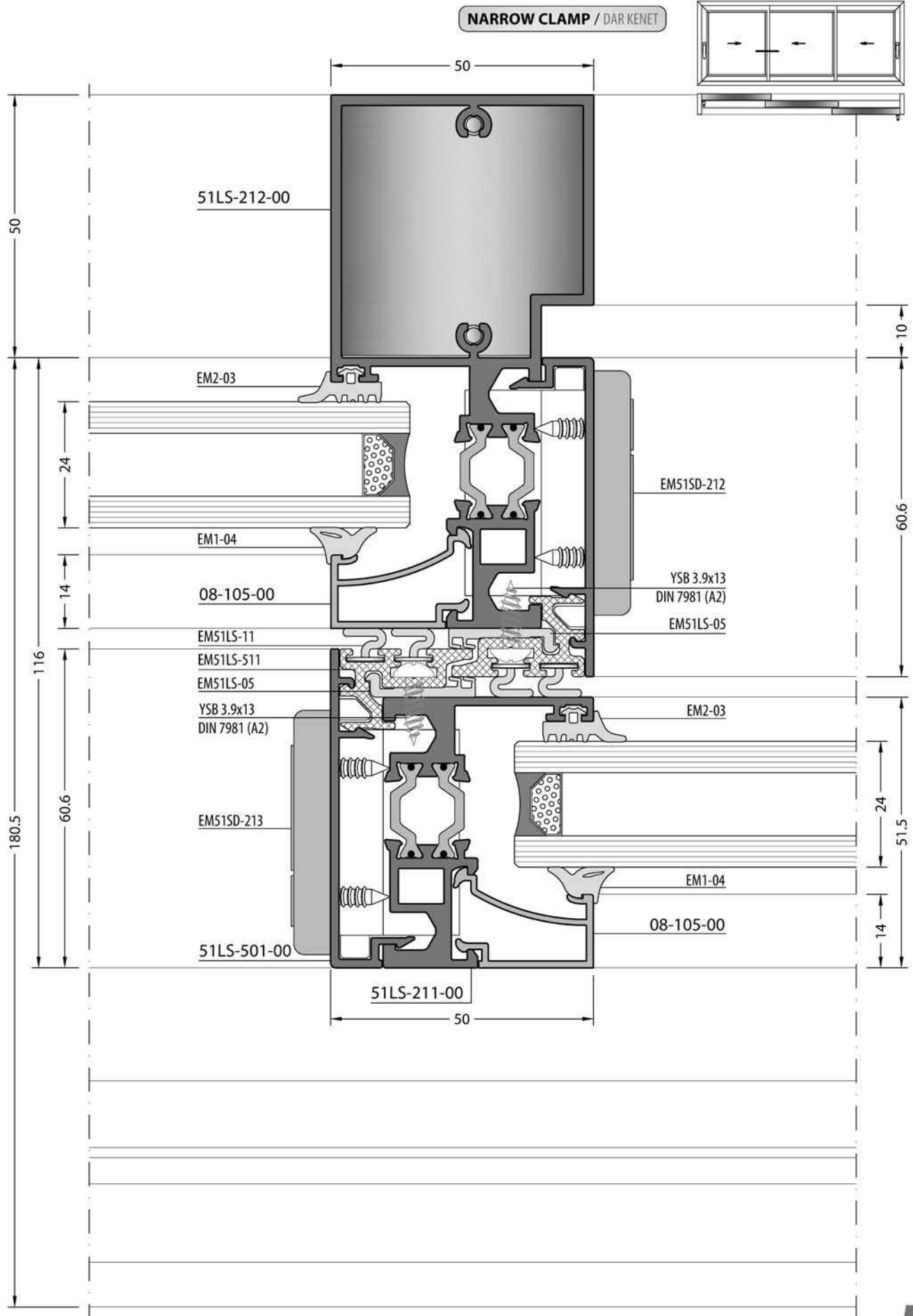


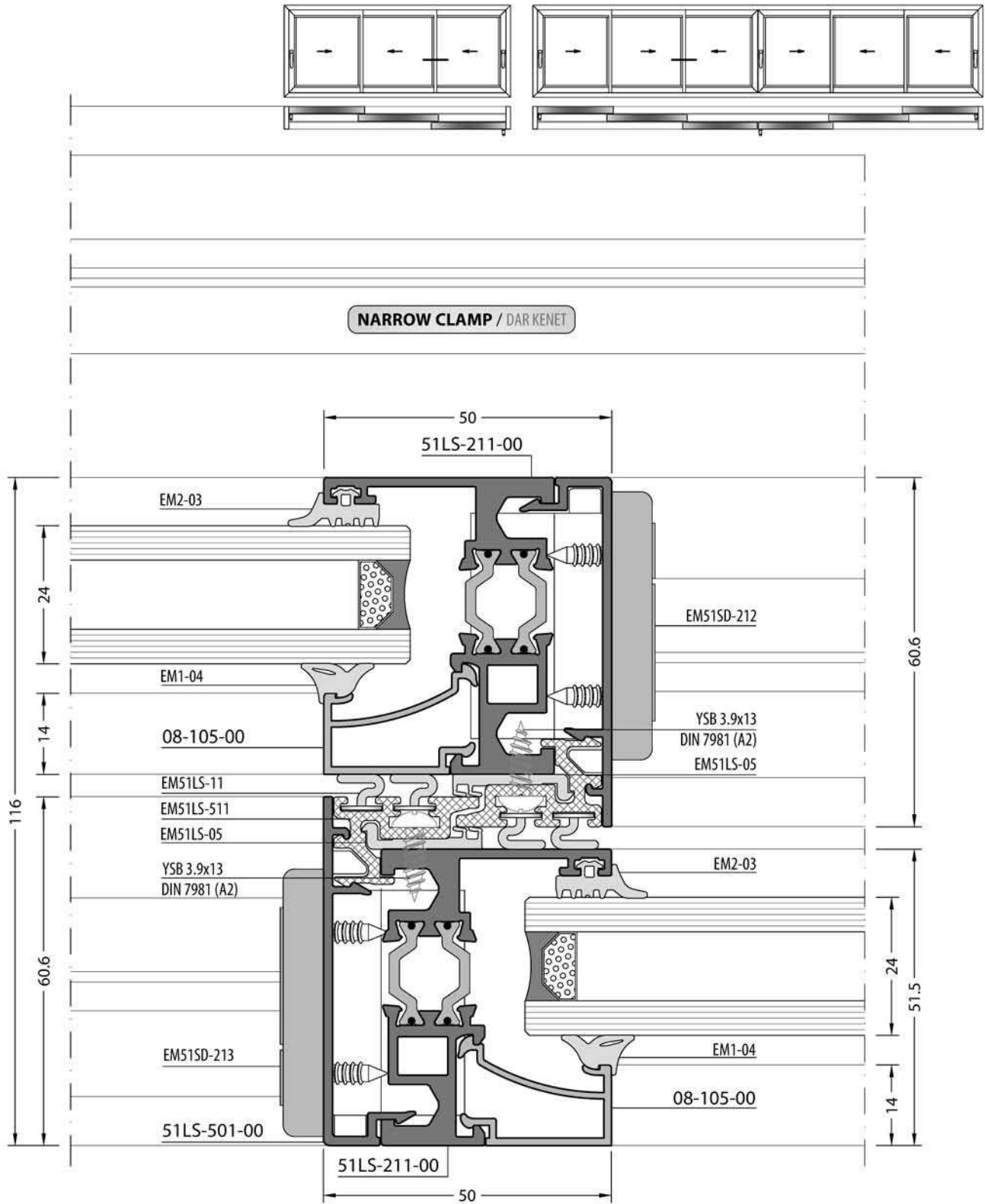


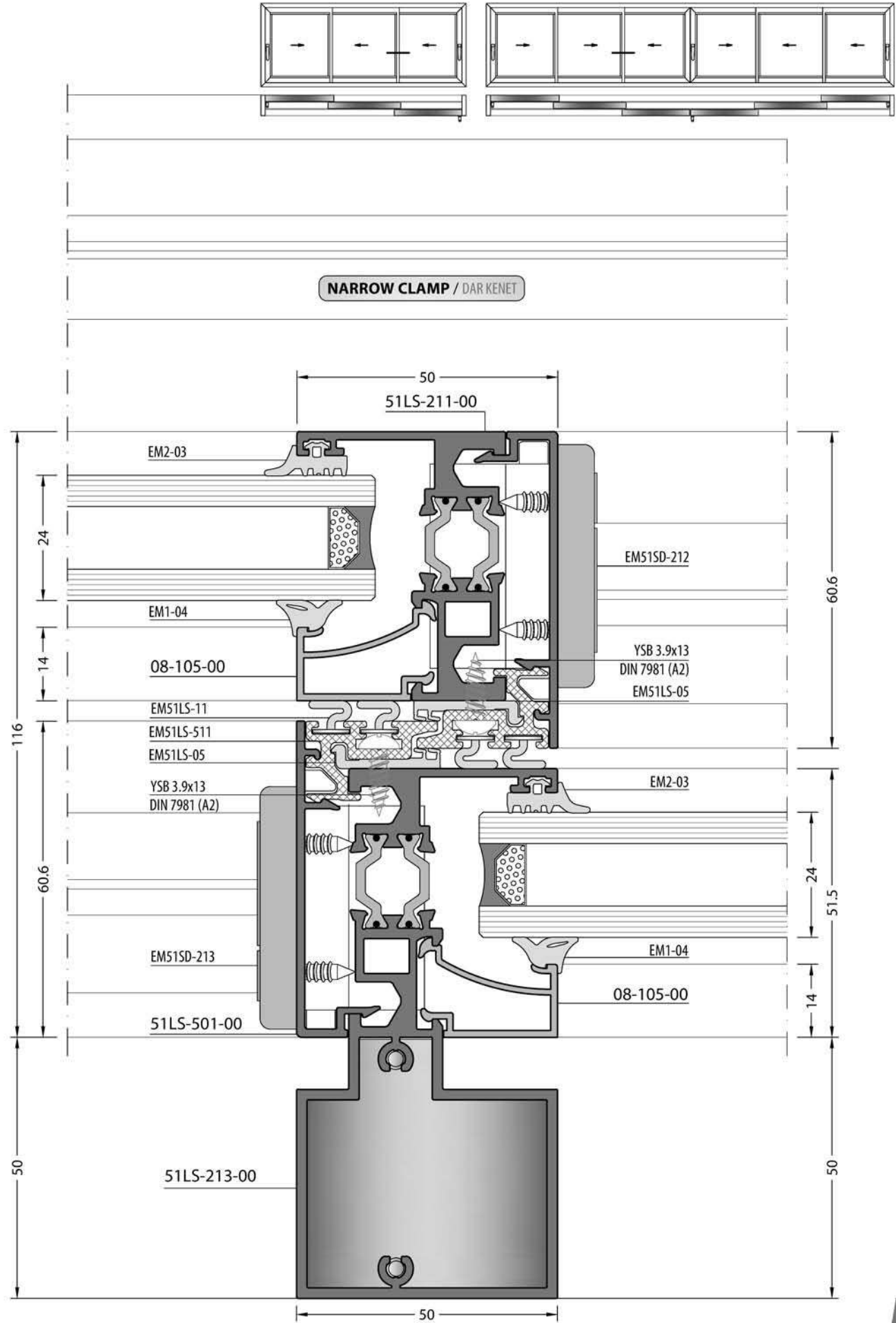


NARROW CLAMP / DAR KENET

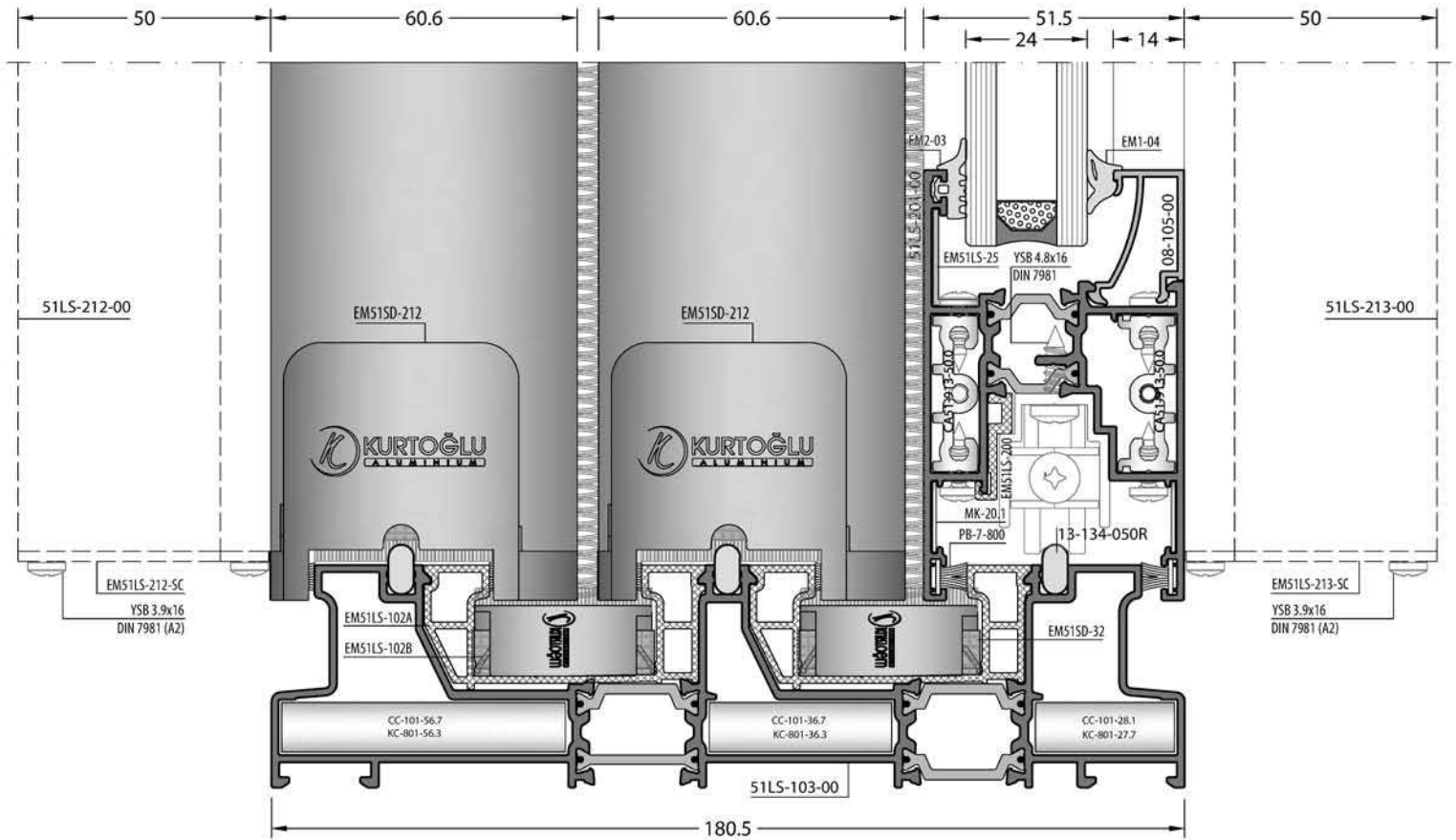
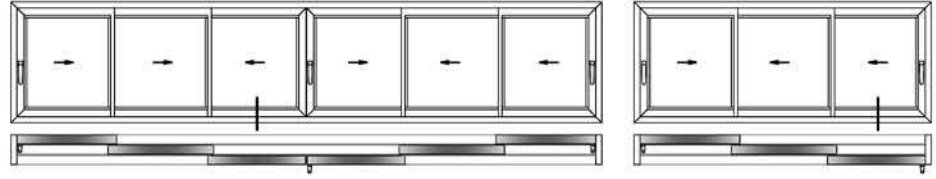




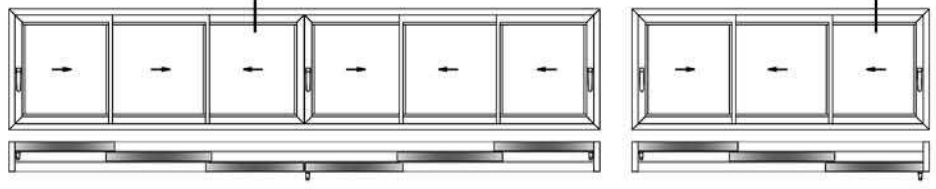




NARROW CLAMP / DAR KENET



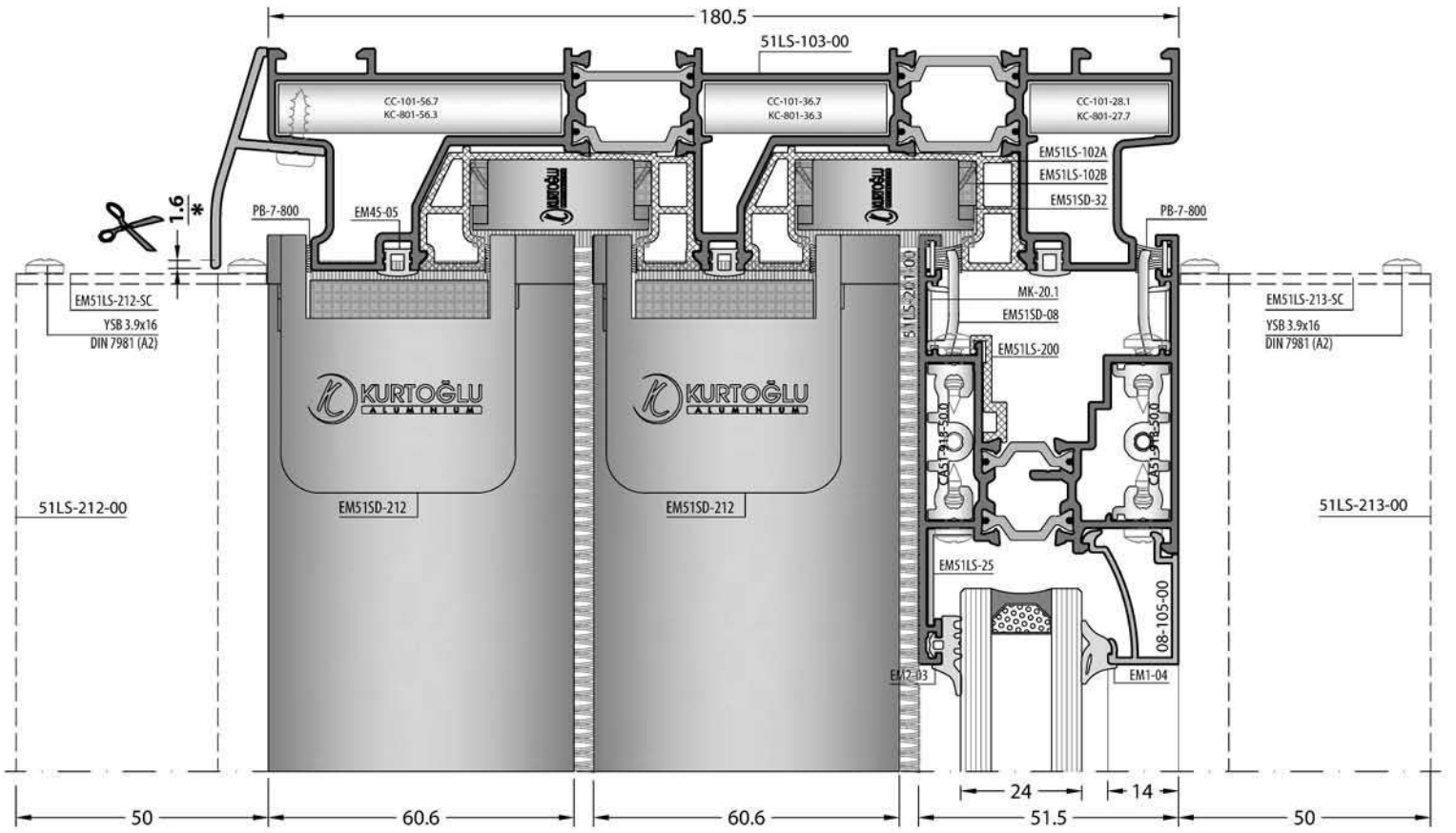
NARROW CLAMP / DAR KENET

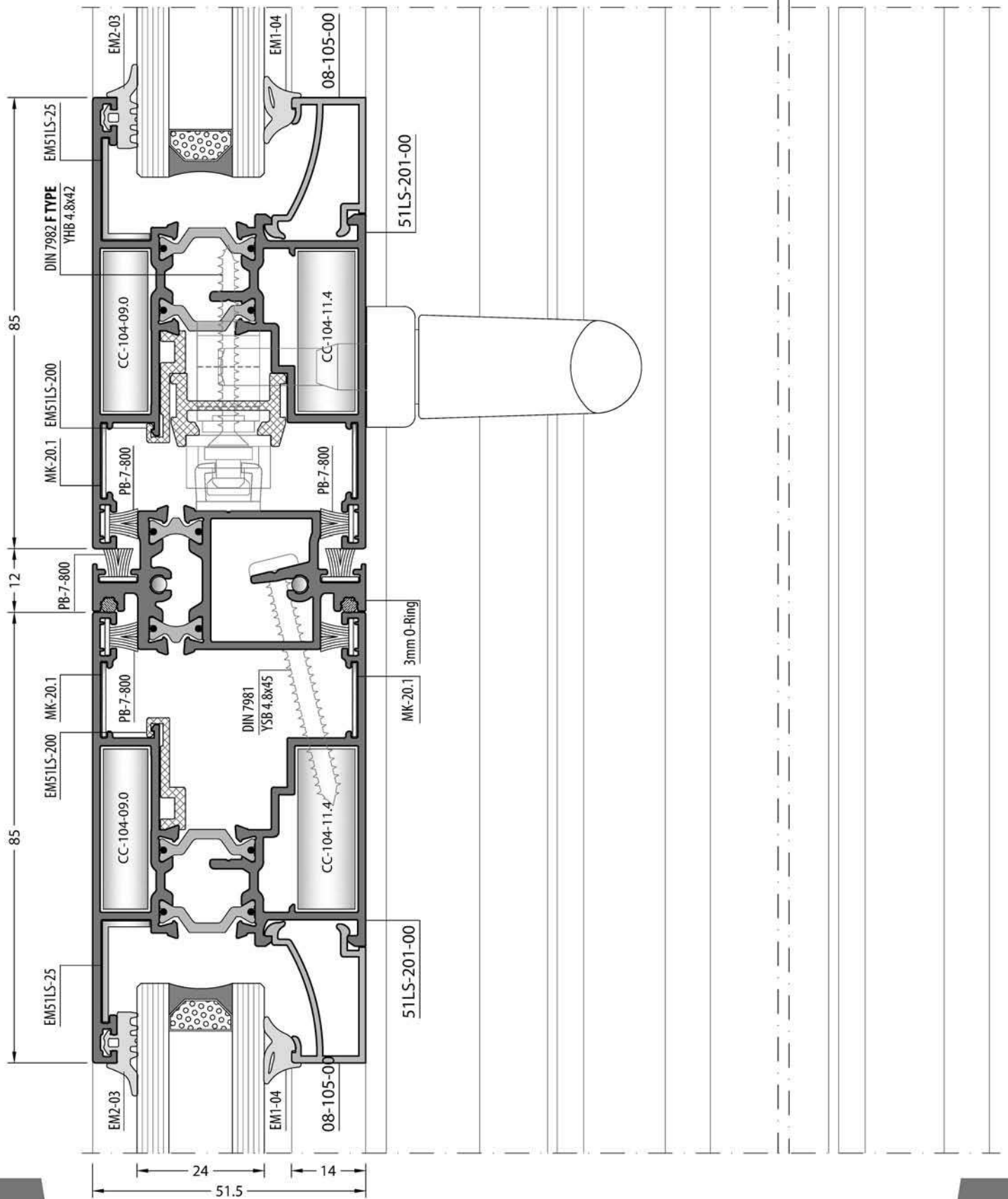


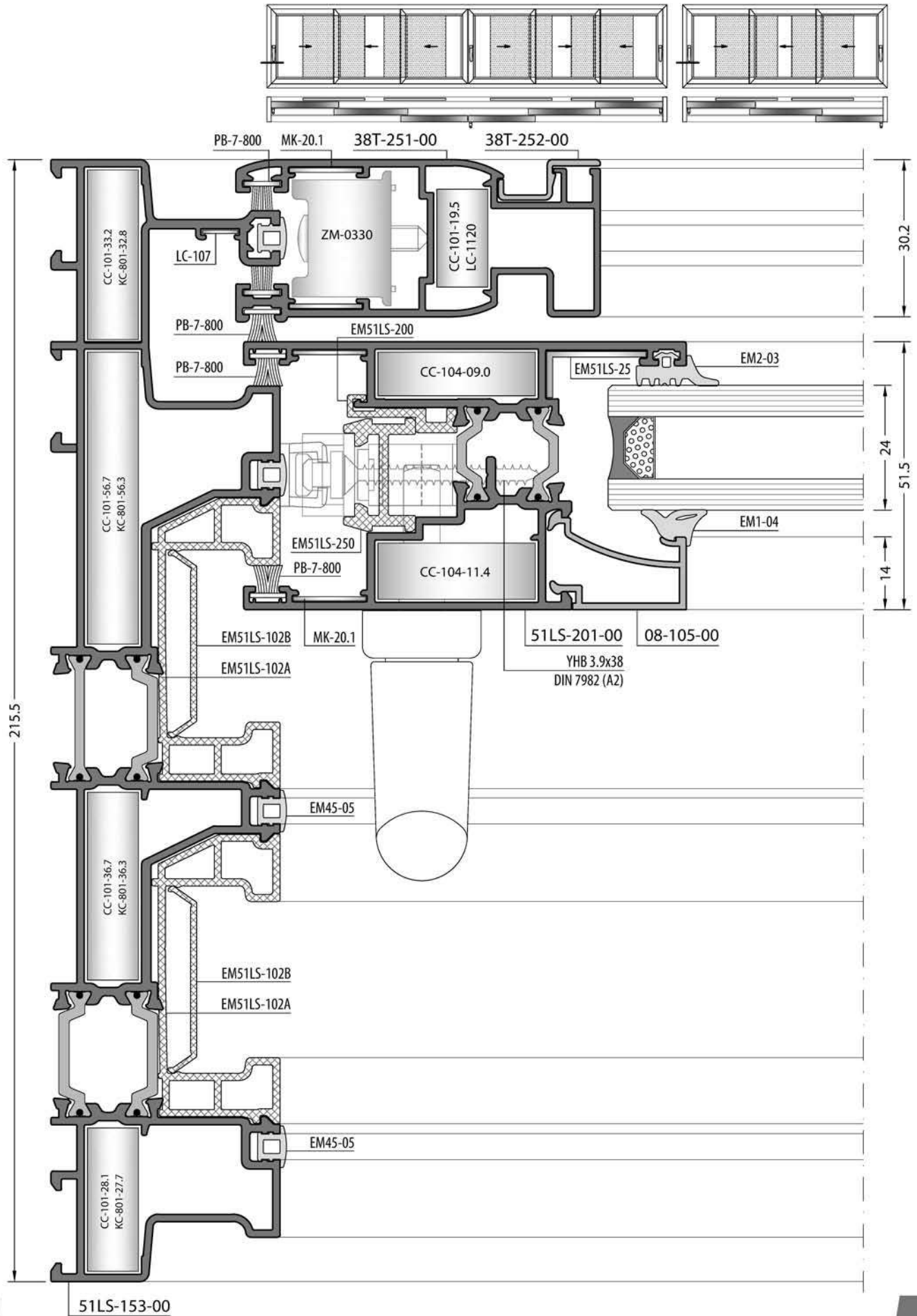
If outside supported profile (51LS-212-00) used, dropper profile (51LS-520-00) must be cutted.

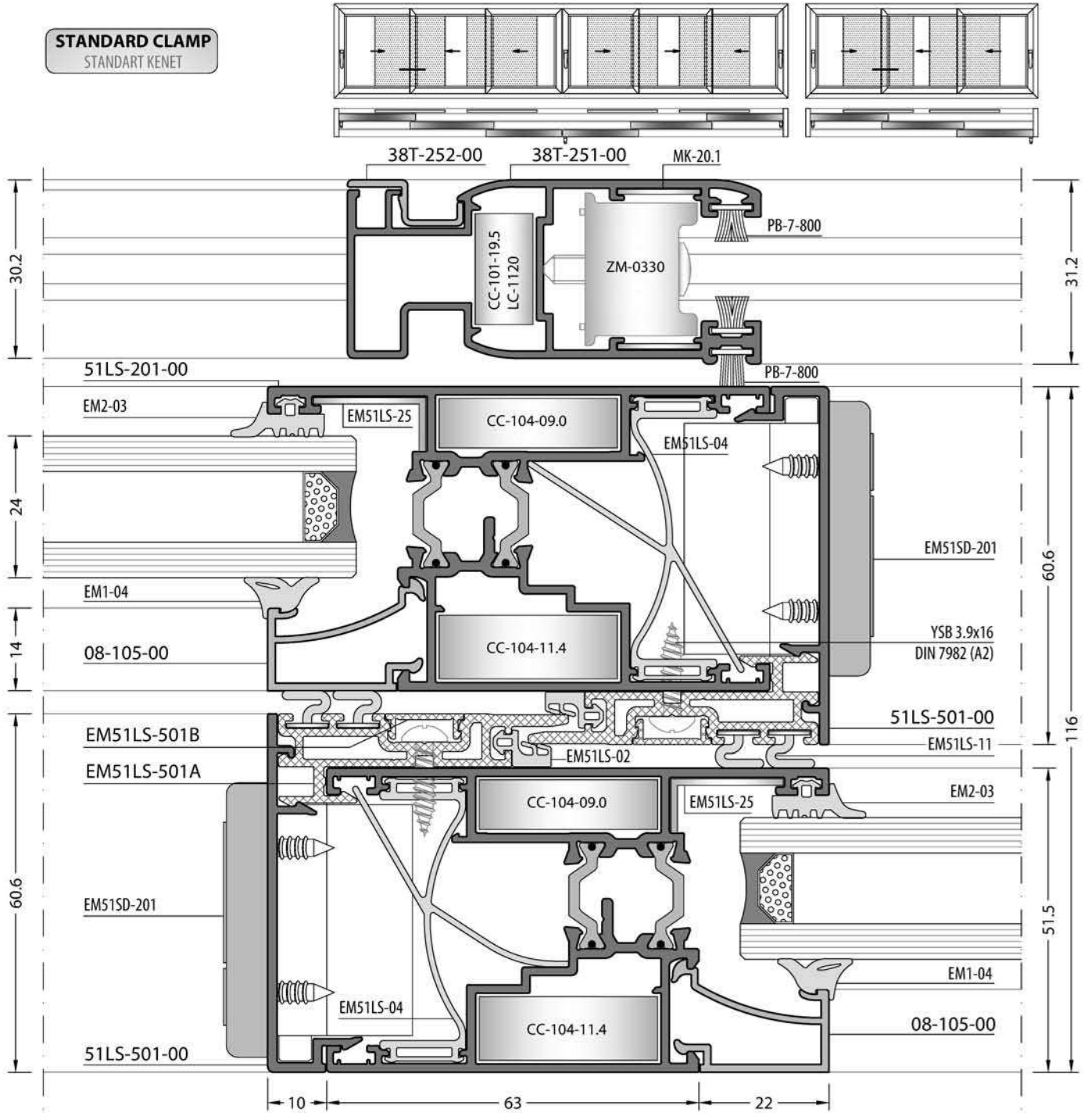
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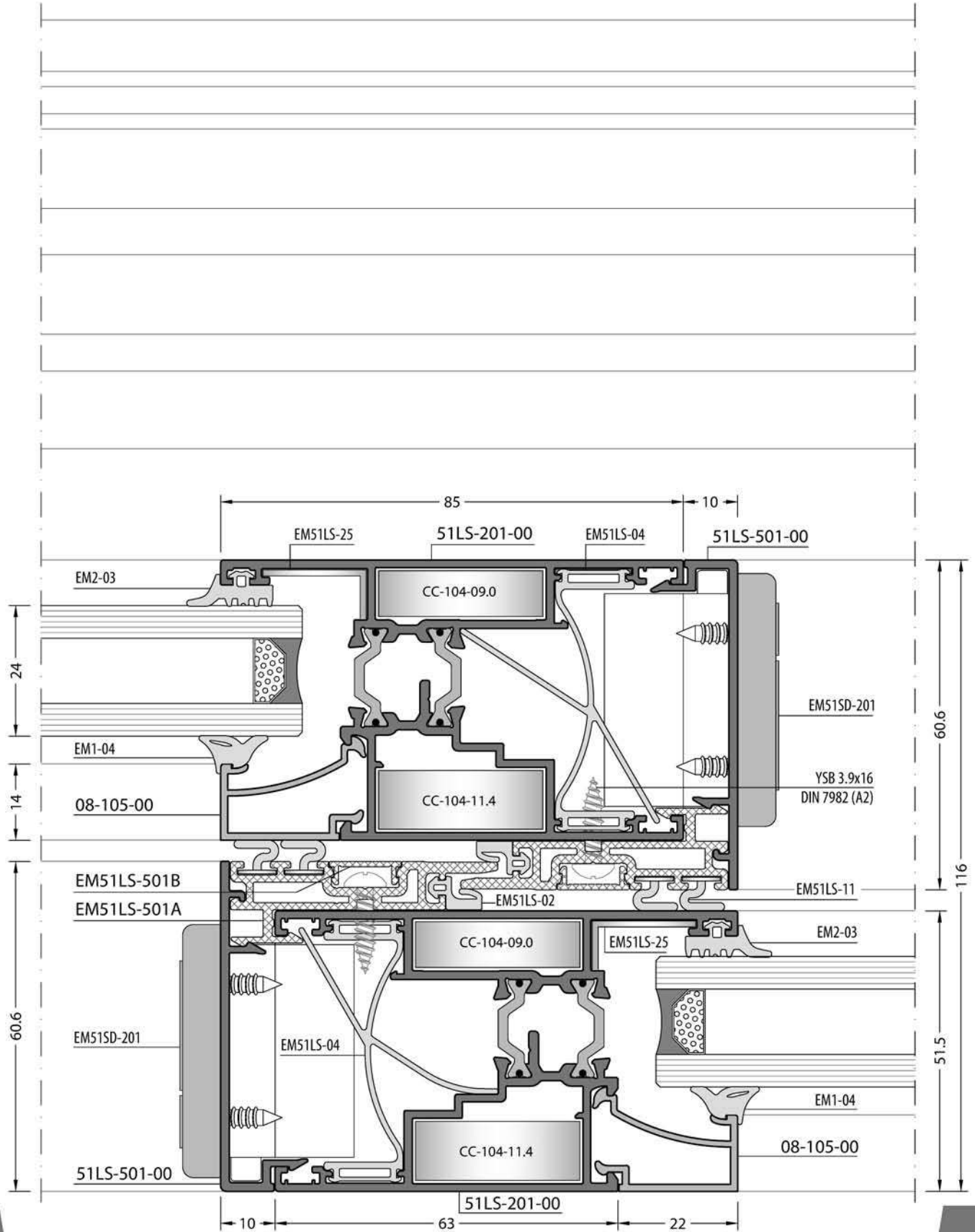
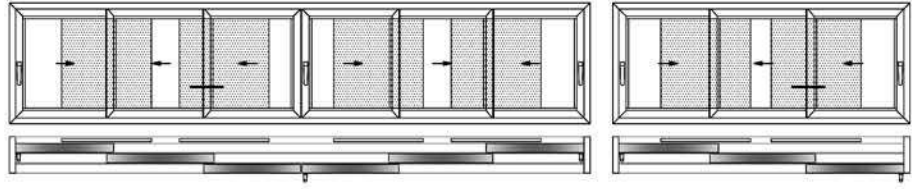
Dışta takviyeli profil (51LS-212-00) varsa damlalık profili (51LS-520-00) kesilmelidir.
Needs touch-up paint / Rütüş boyası gereklidir.

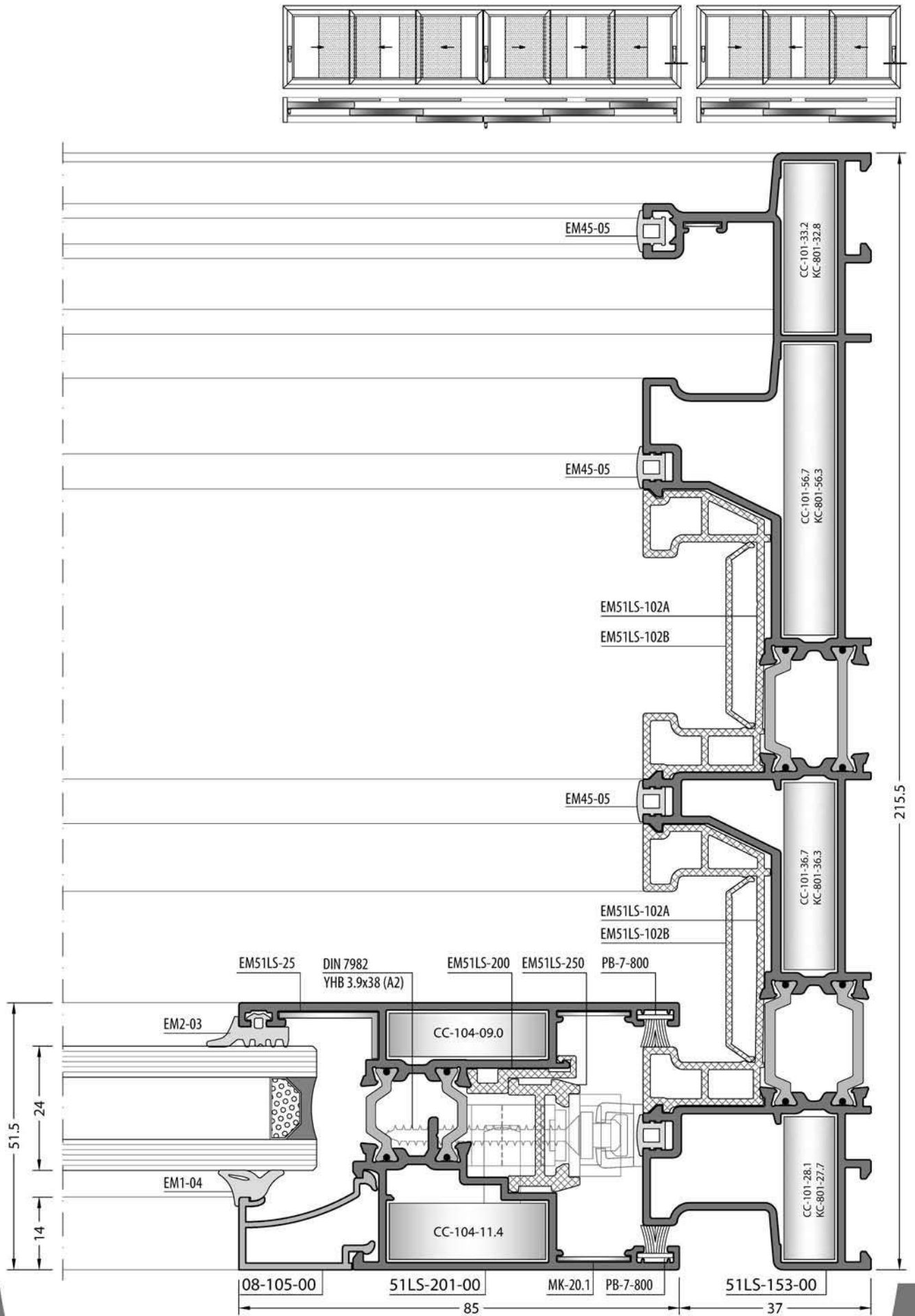


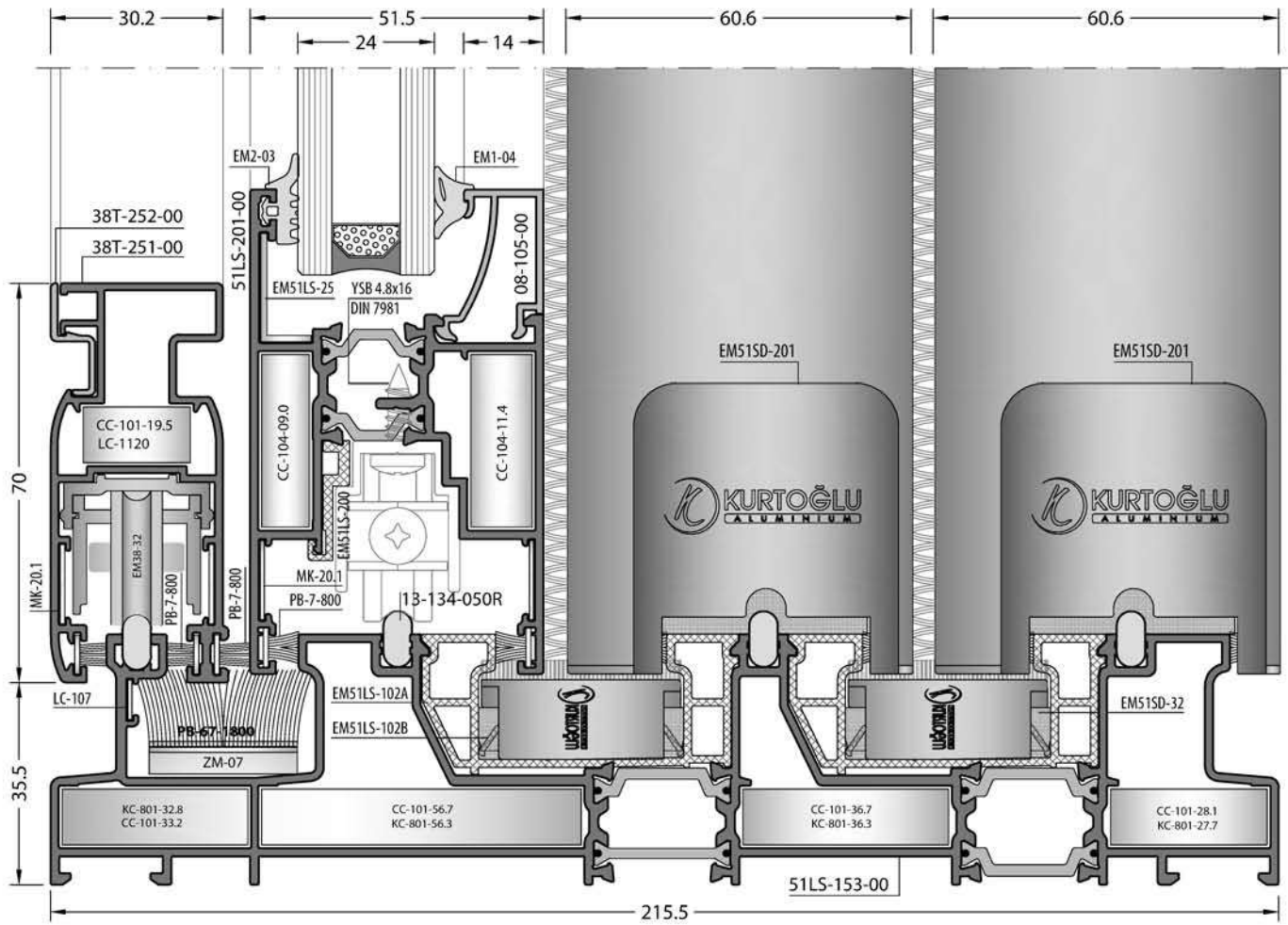
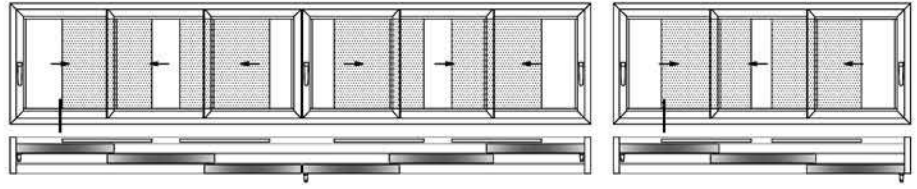


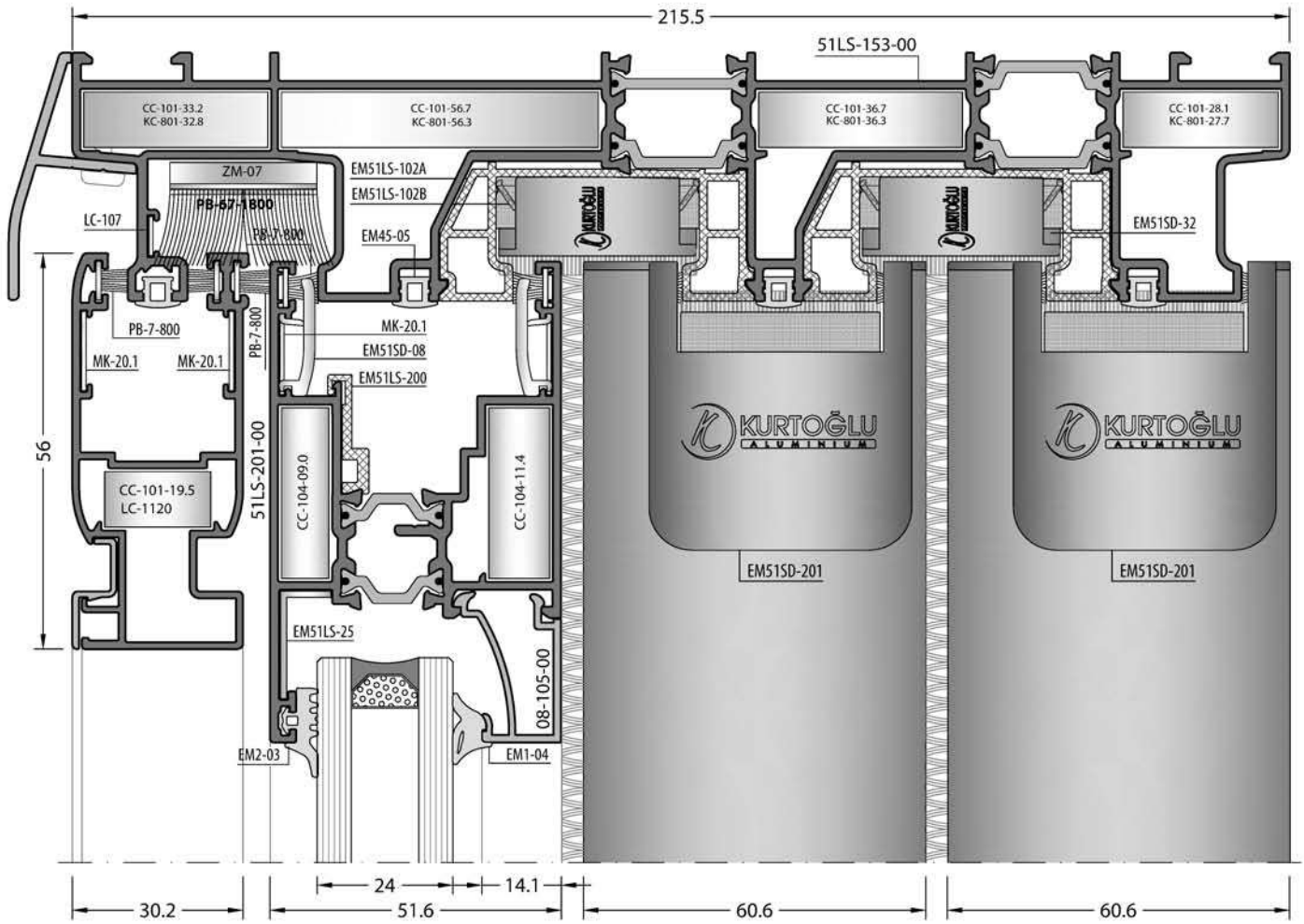
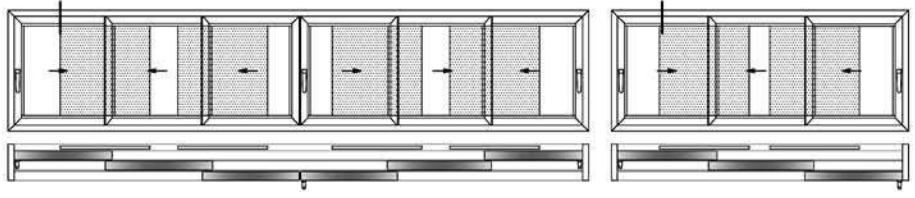


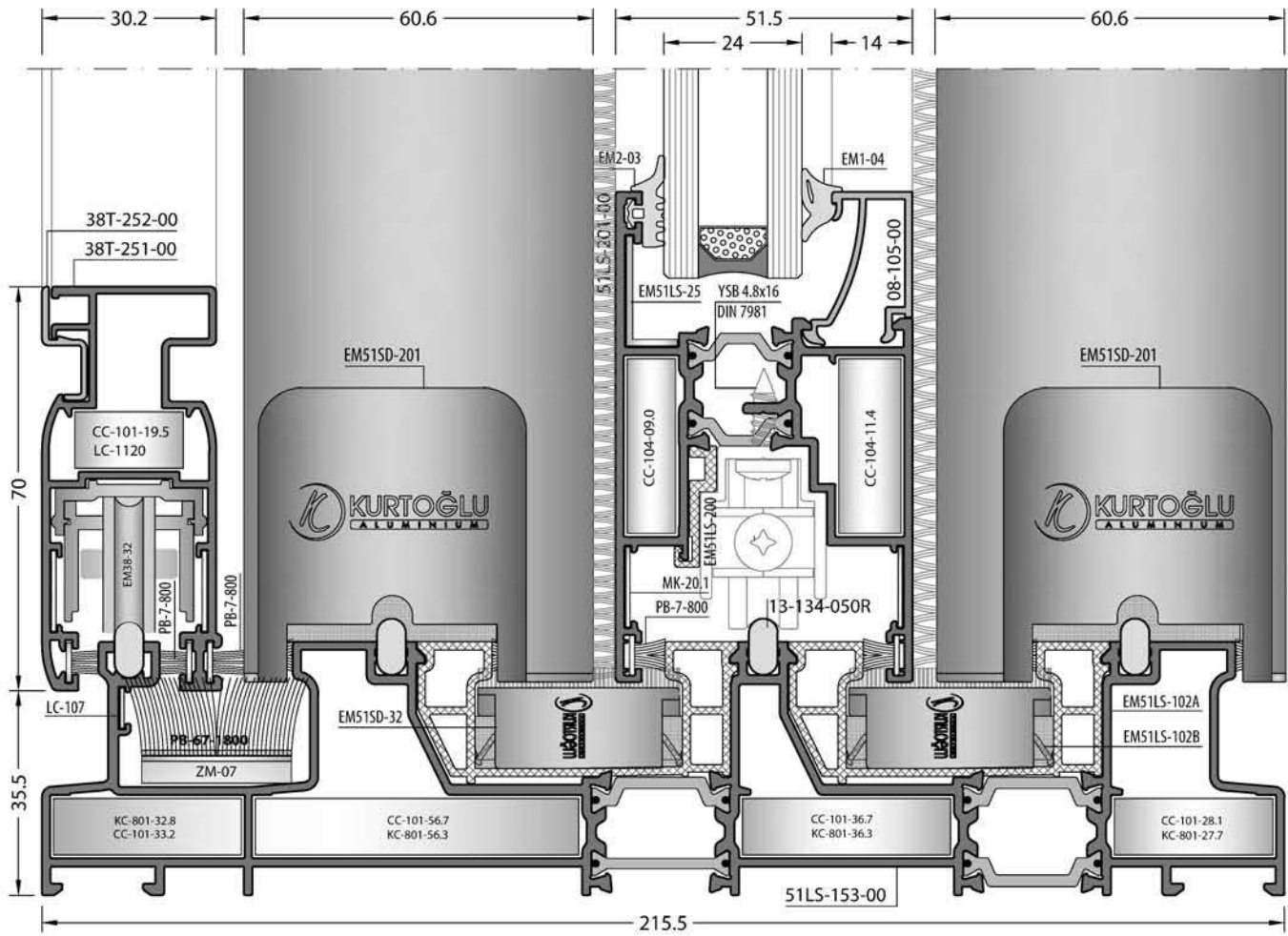
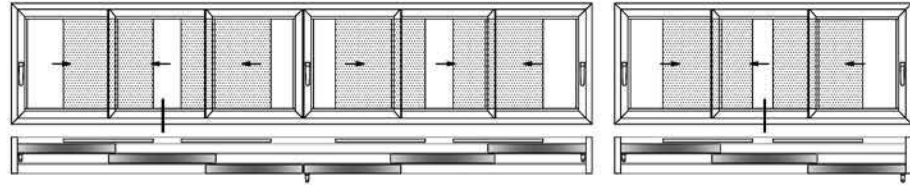
STANDARD CLAMP
STANDART KENET

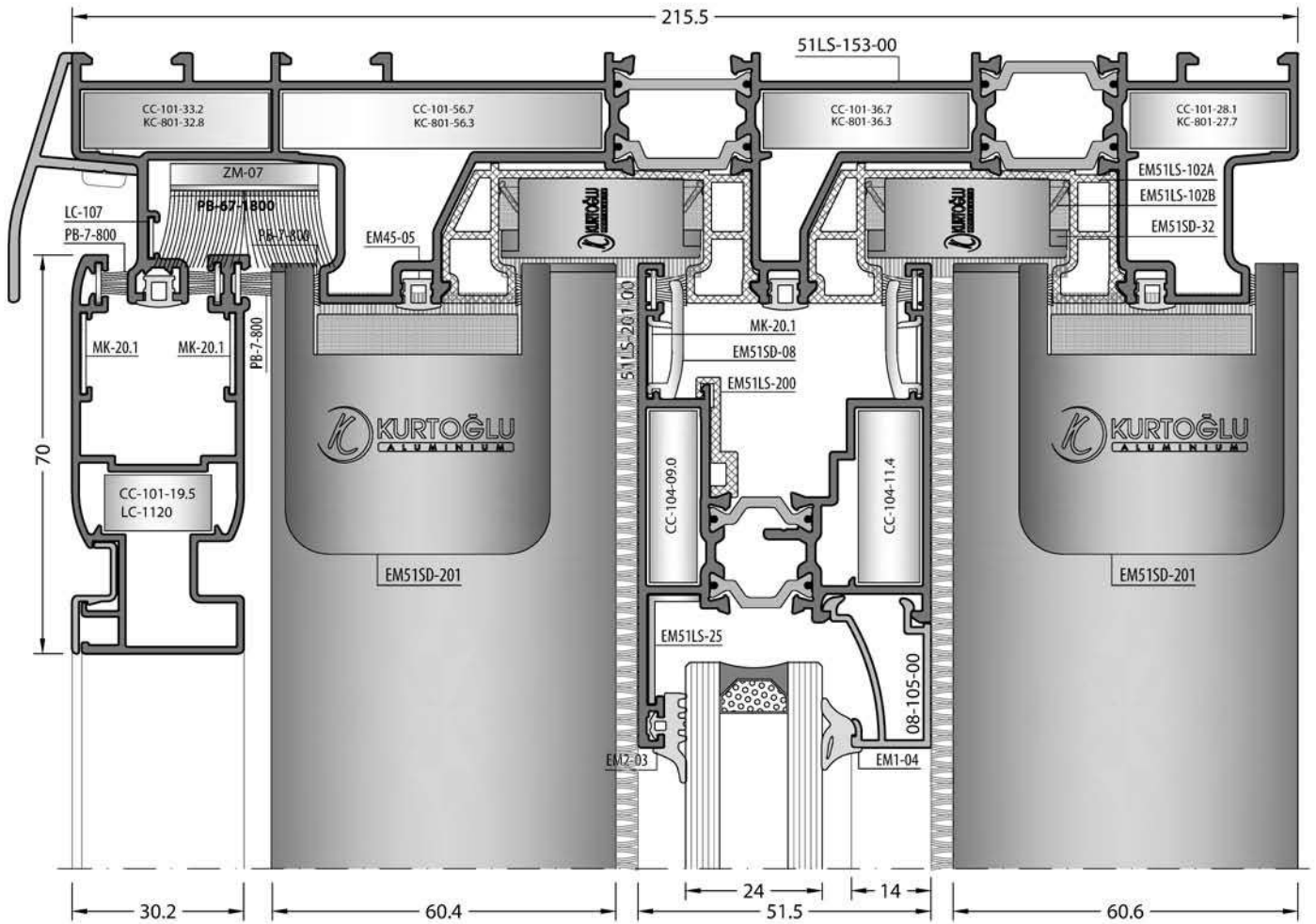
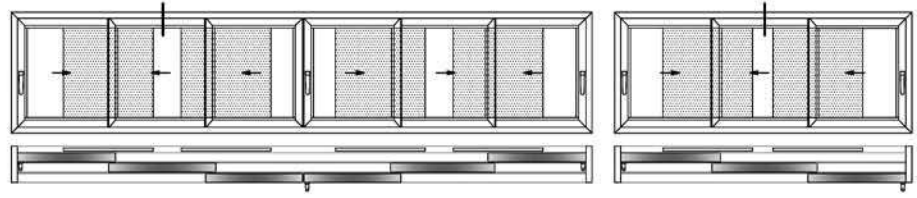
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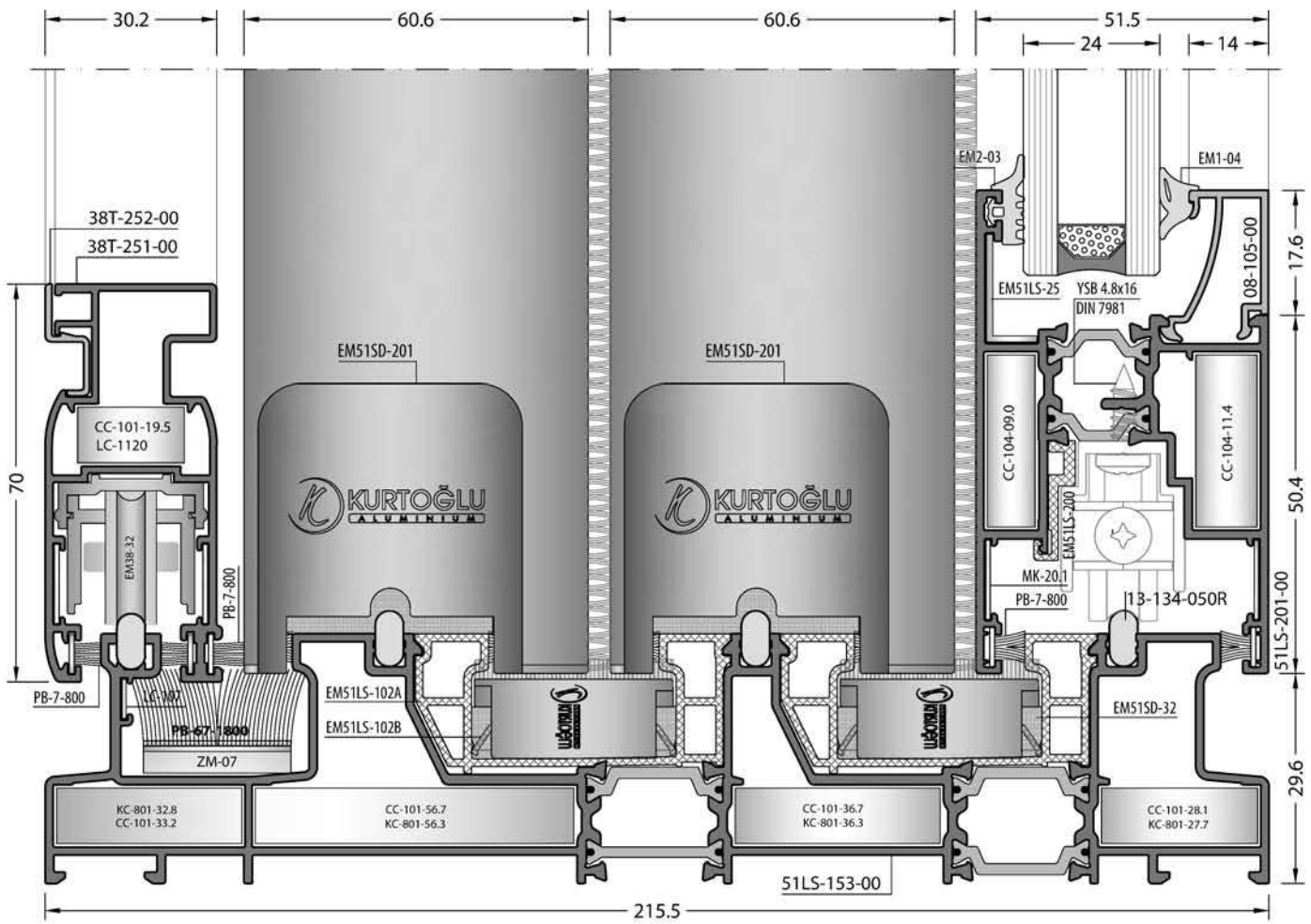
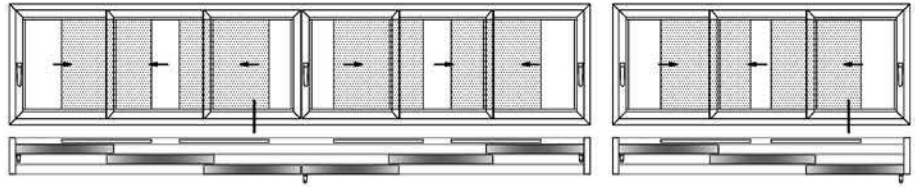


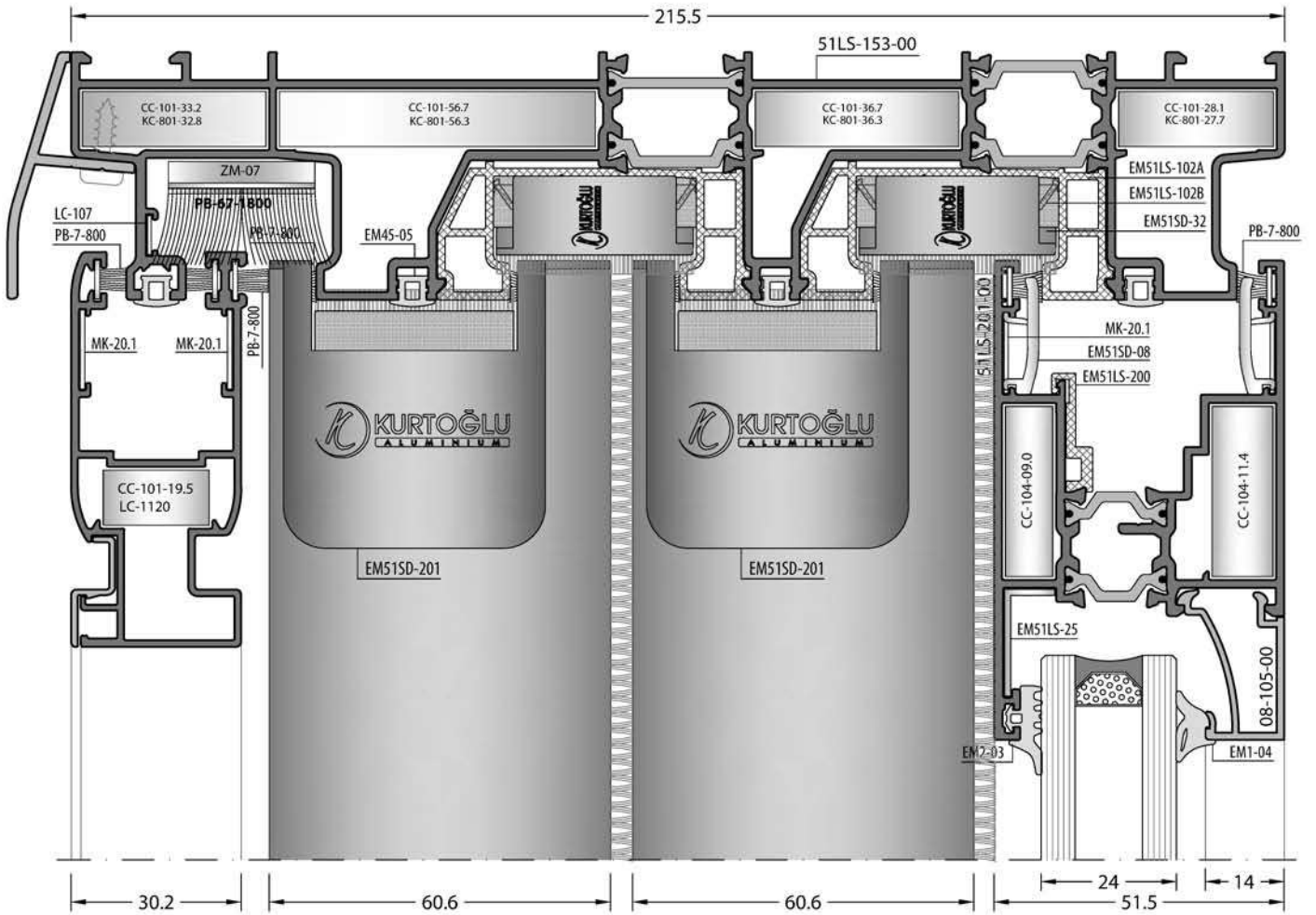
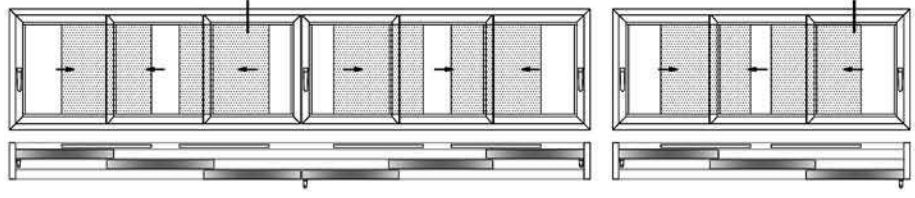












NARROW CLAMP / DAR KENET

Technical drawing of a window frame cross-section, showing various components and dimensions. The drawing includes a top view and a side view.

Top View Components:

- 38T-252-00
- 38T-251-00
- MK-20.1
- CC-101-19.5 LC-1120
- ZM-0330
- PB-7-800
- 51LS-211-00

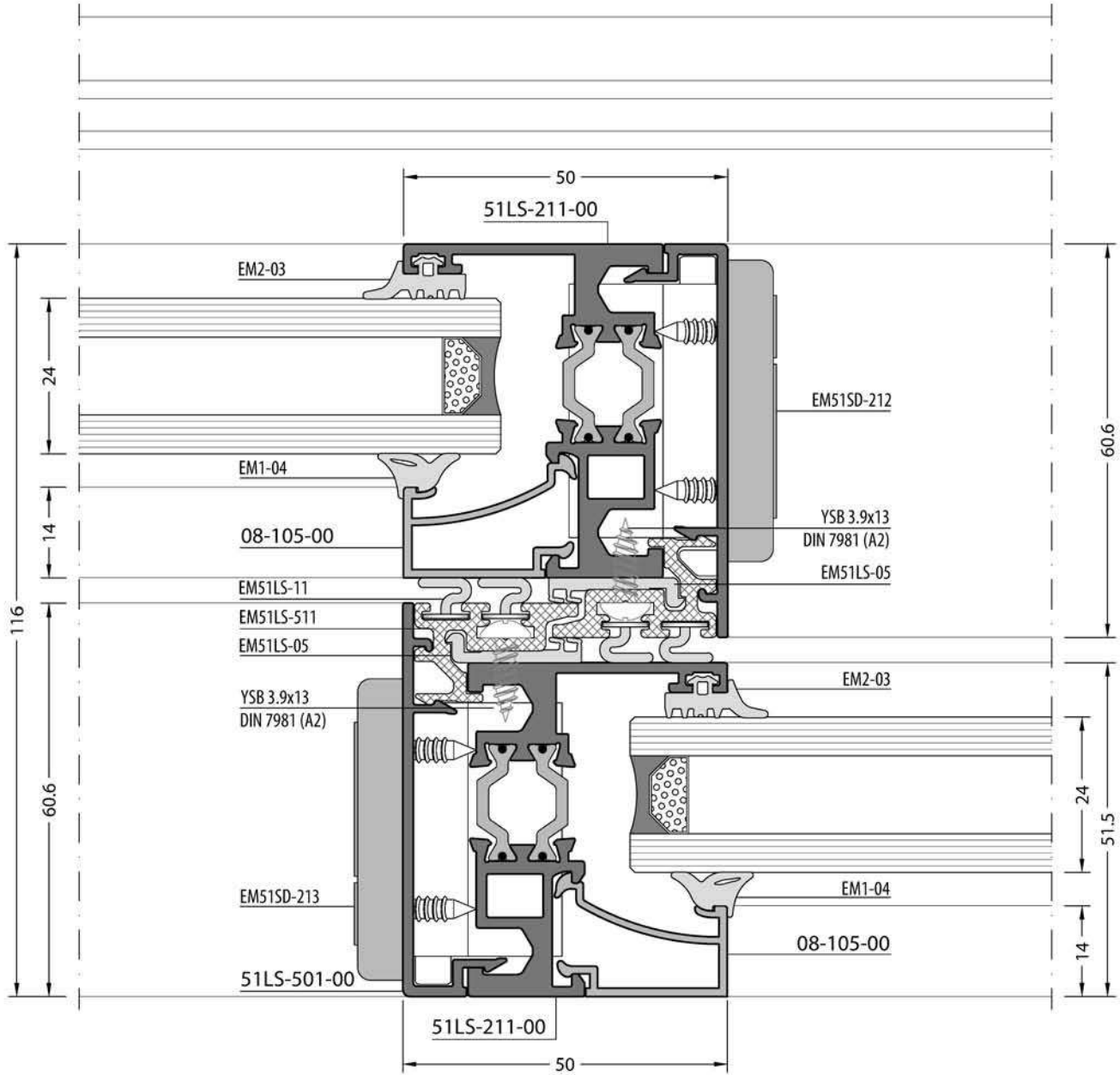
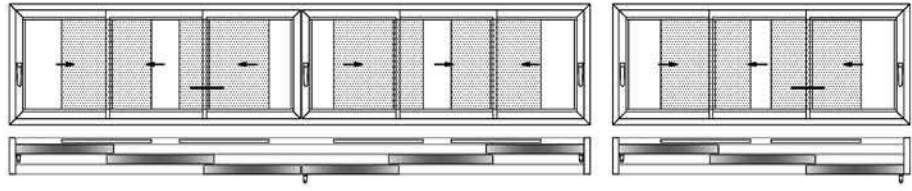
Side View Components:

- EM2-03
- EM1-04
- 08-105-00
- EM51LS-11
- EM51LS-511
- EM51LS-05
- YSB 3.9x13 DIN 7981 (A2)
- EM51SD-212
- EM51SD-213
- 51LS-501-00
- 51LS-211-00
- EM2-03
- EM1-04
- 08-105-00

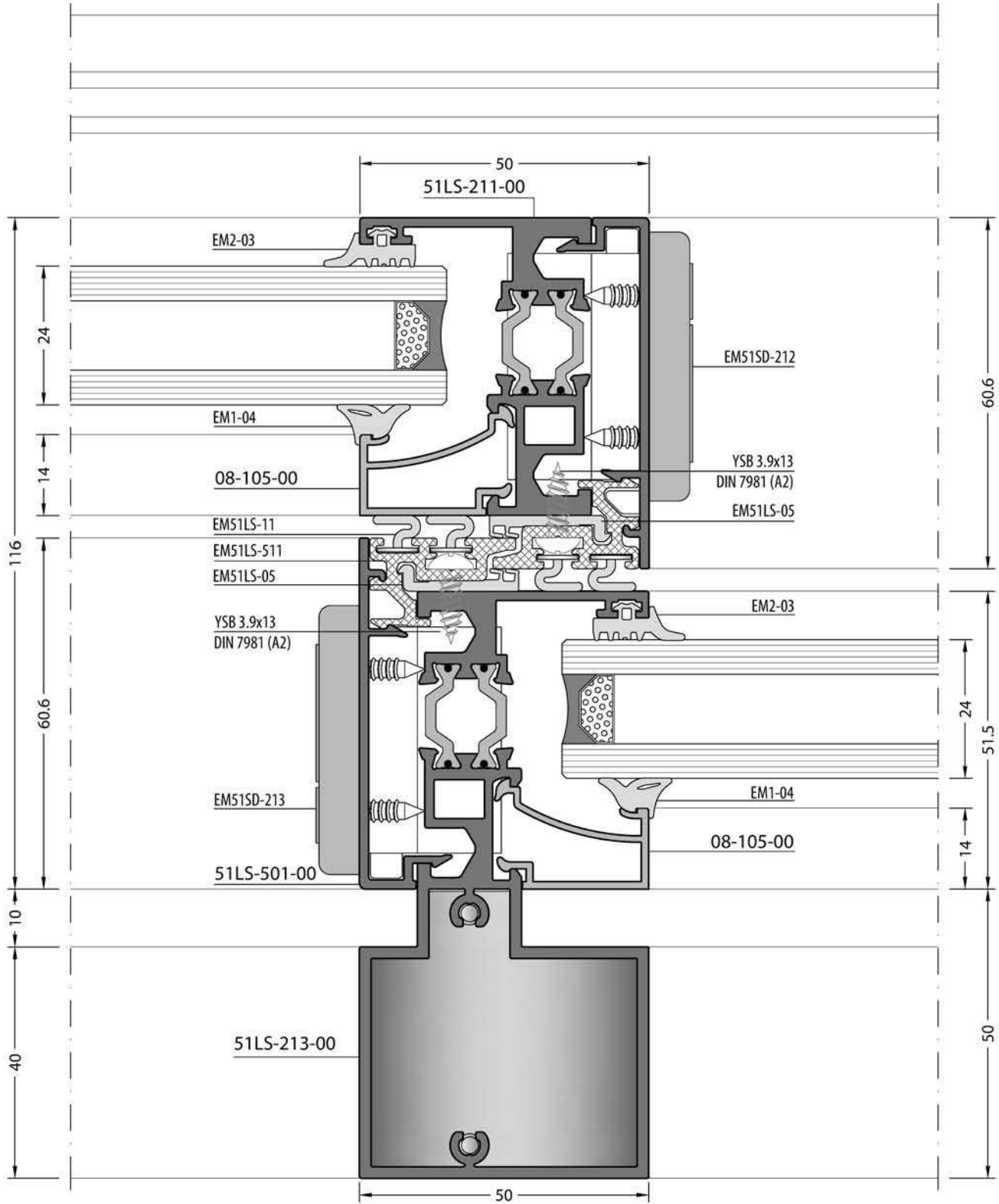
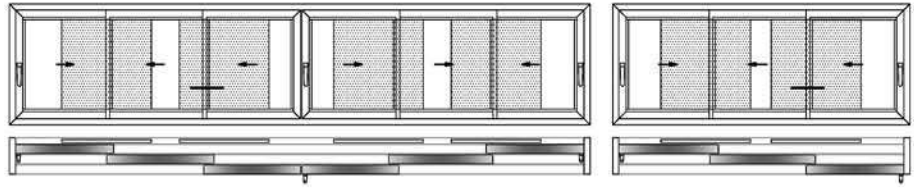
Dimensions:

- Top View: 70, 30.2, 31.2
- Side View: 116, 24, 14, 60.6, 51.5, 14, 50

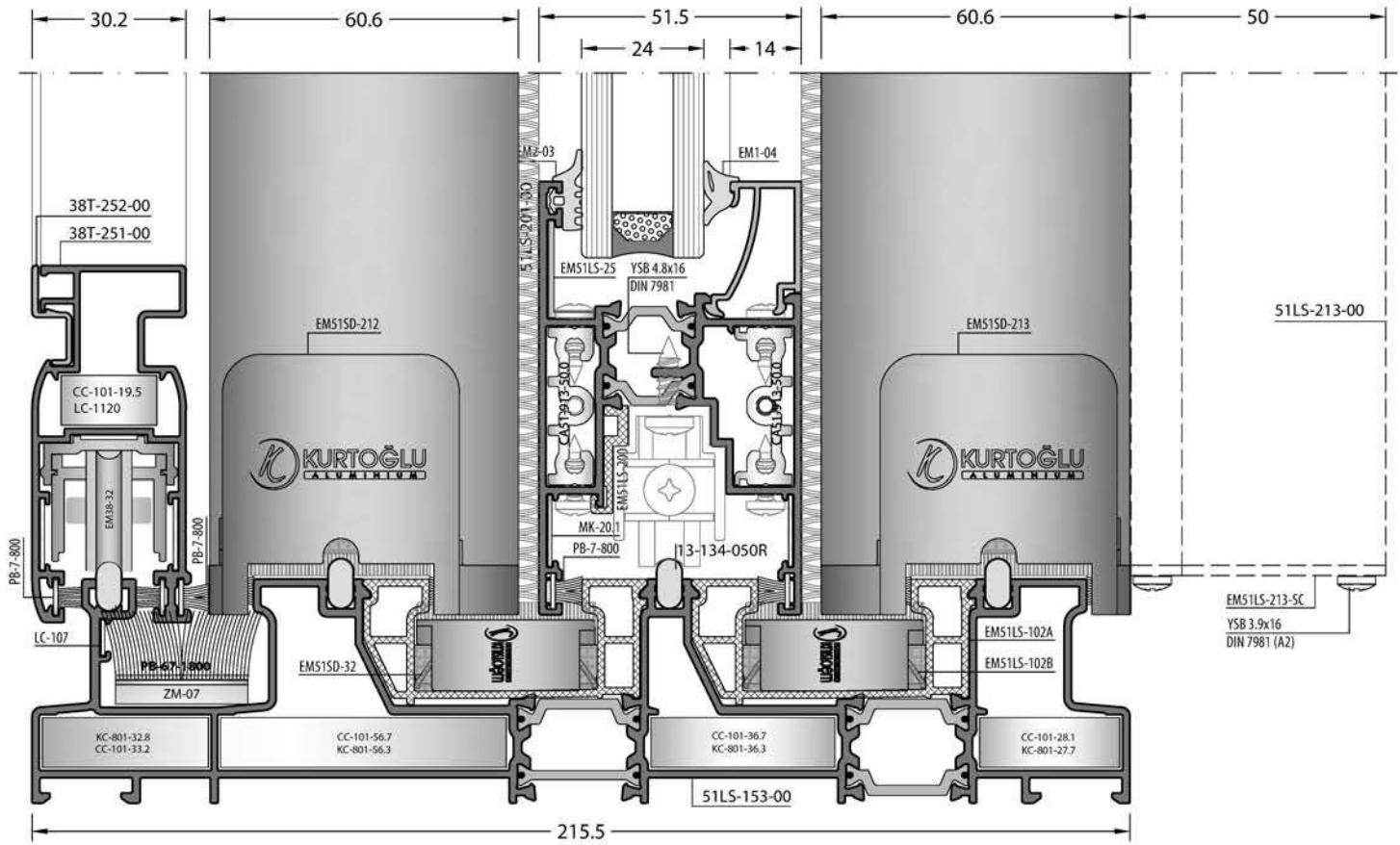
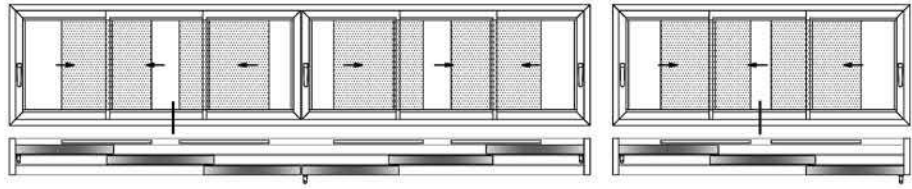
NARROW CLAMP / DAR KENET



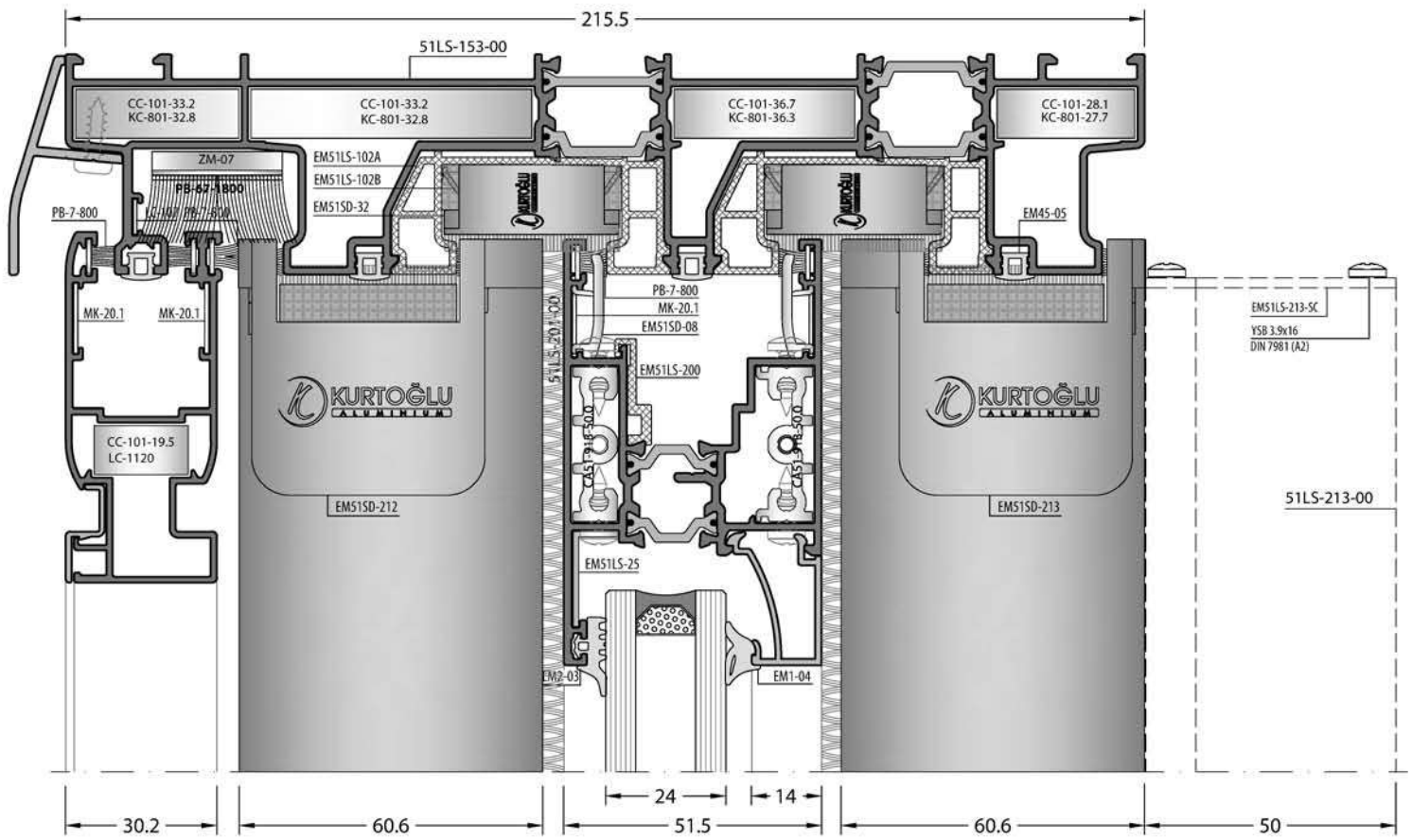
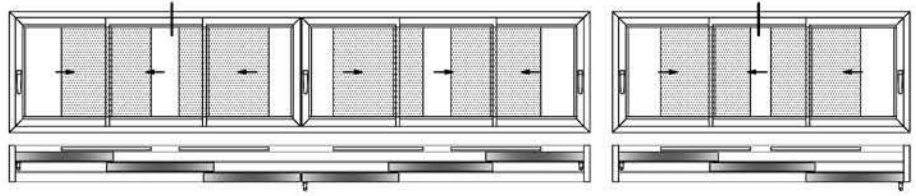
NARROW CLAMP / DAR KENET

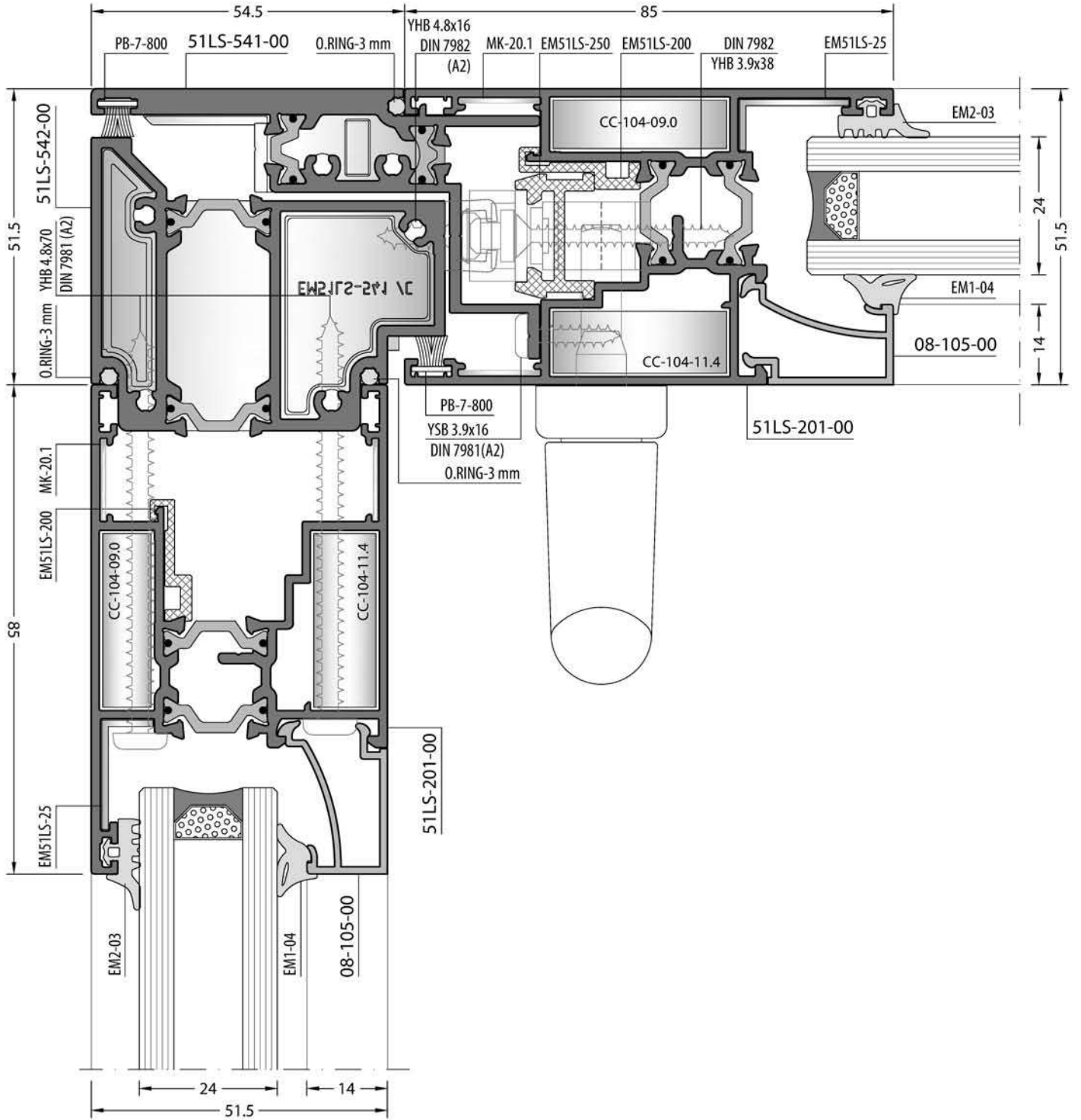
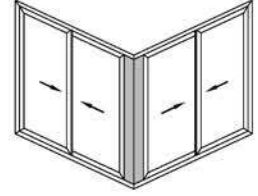


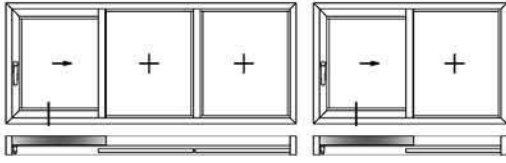
NARROW CLAMP / DAR KENET



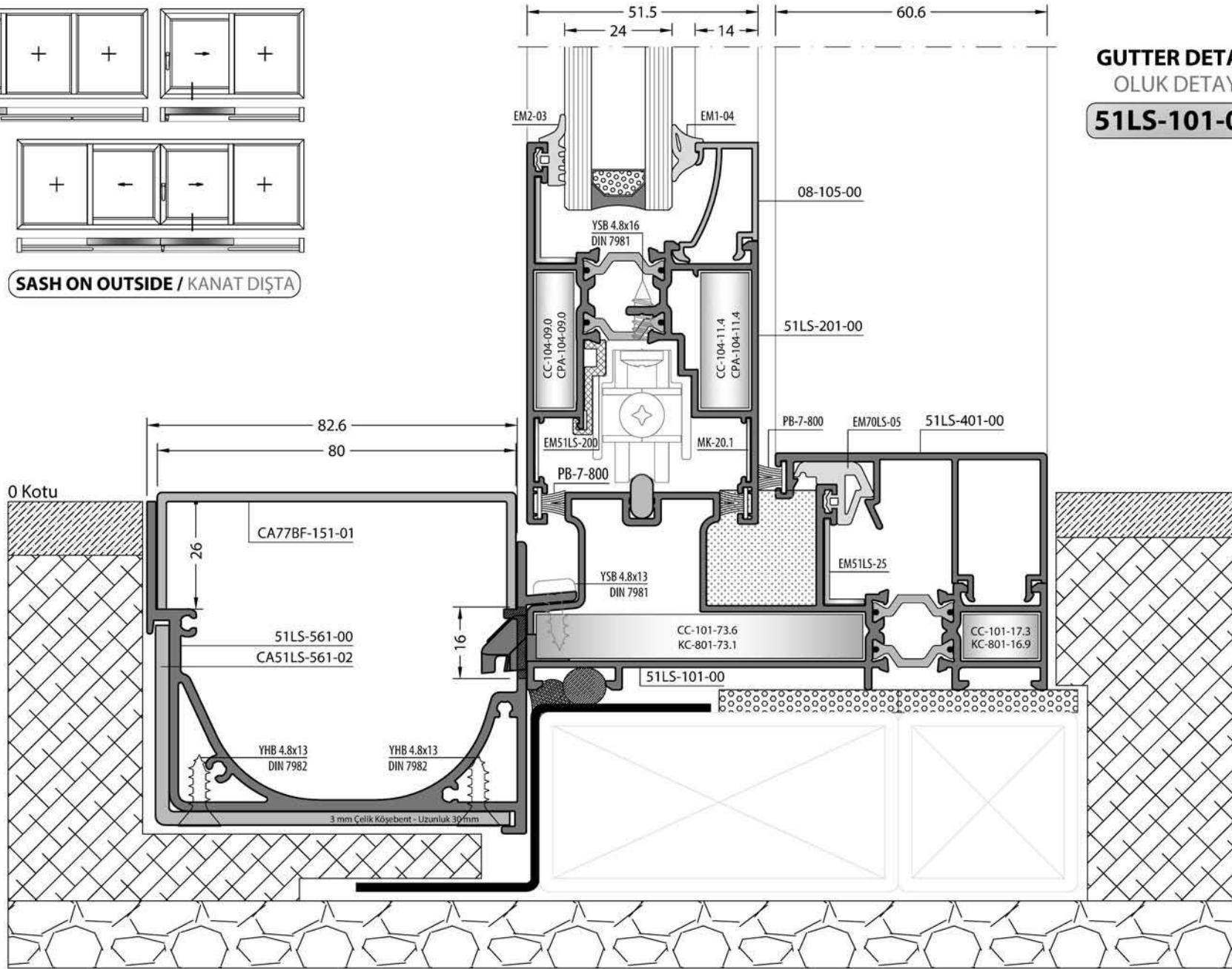
NARROW CLAMP / DAR KENET





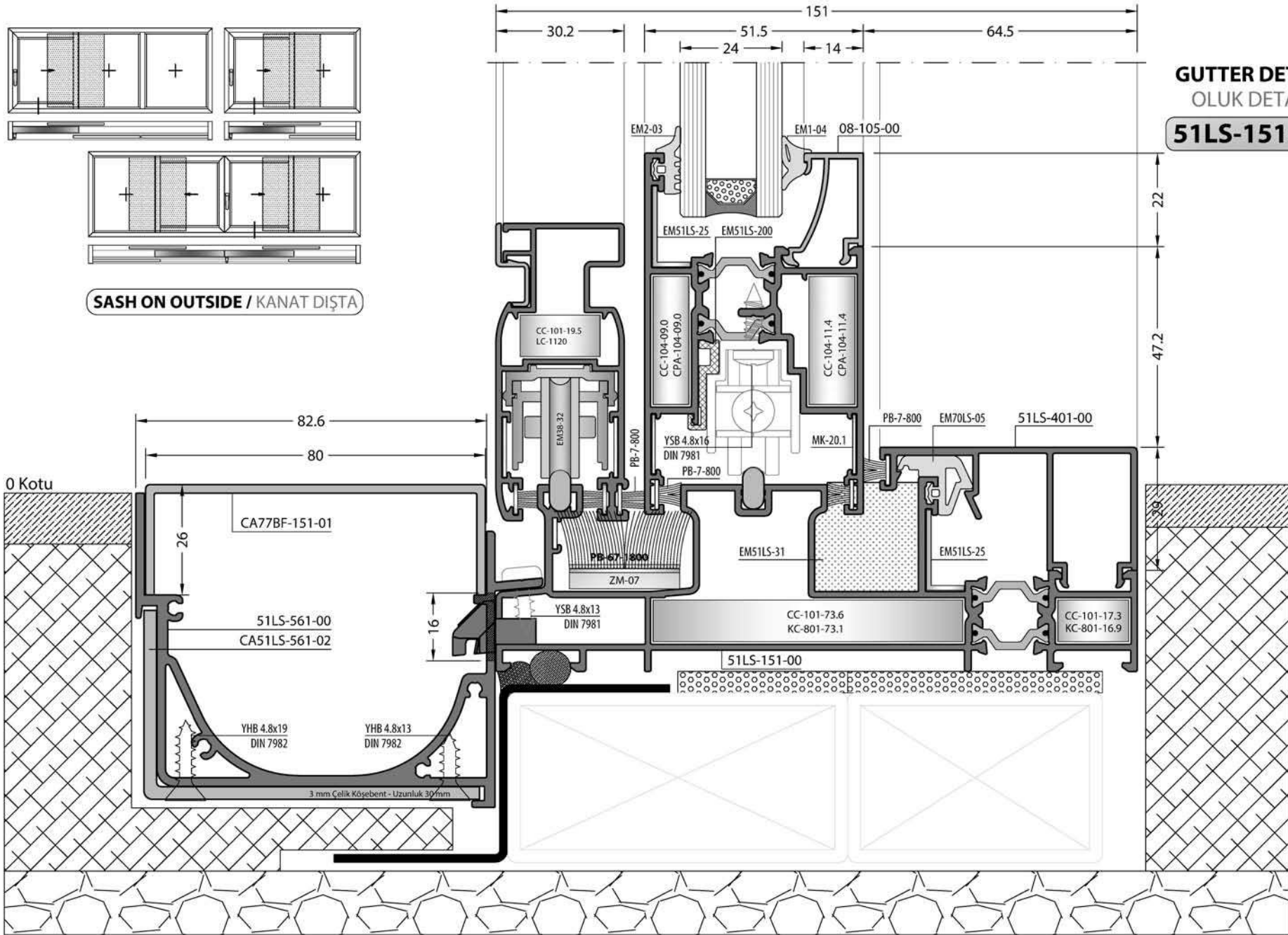


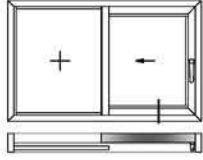
SASH ON OUTSIDE / KANAT DIŐTA

GUTTER DETAIL
OLUK DETAYI

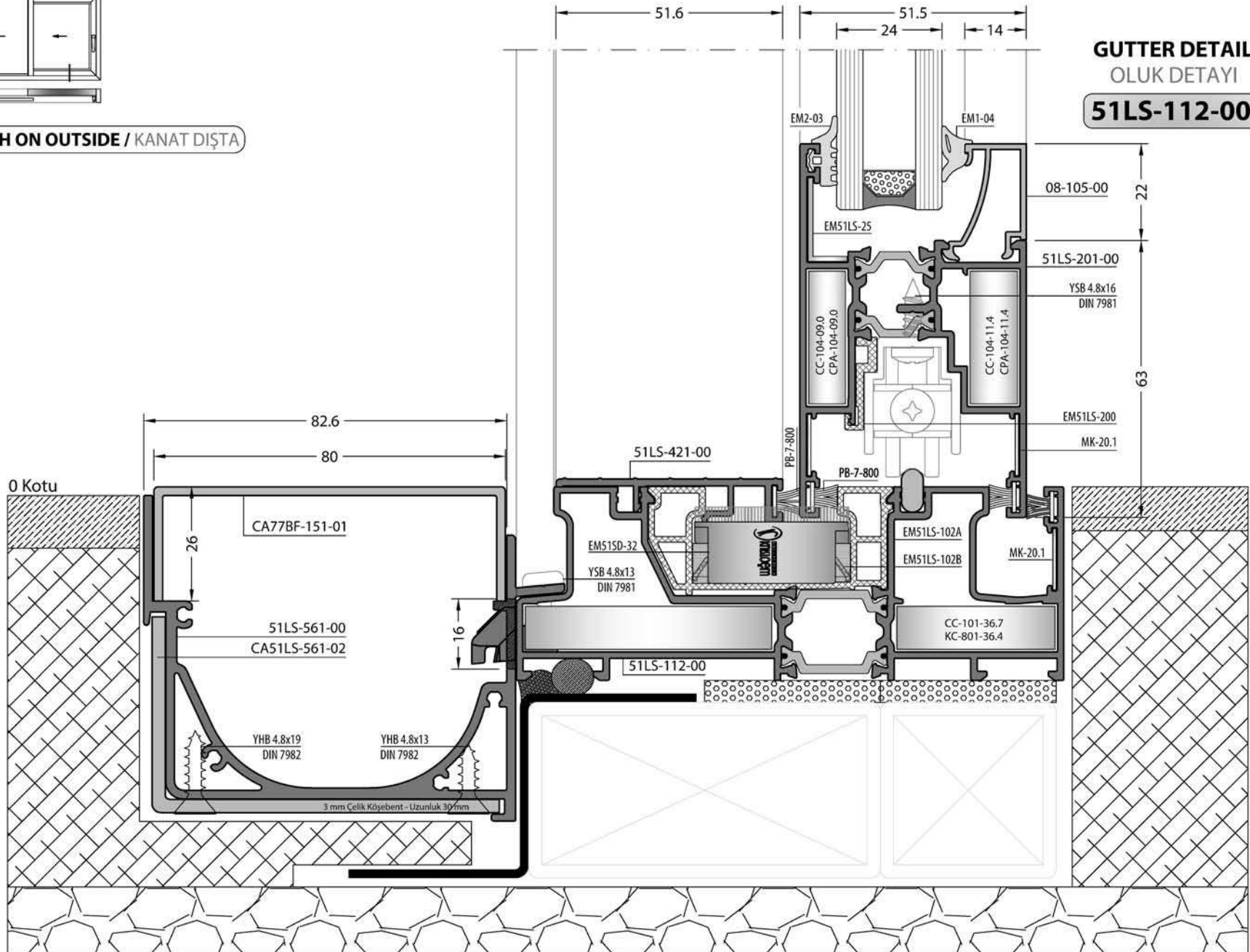
51LS-101-00

No Scaled / Ölçeksiz



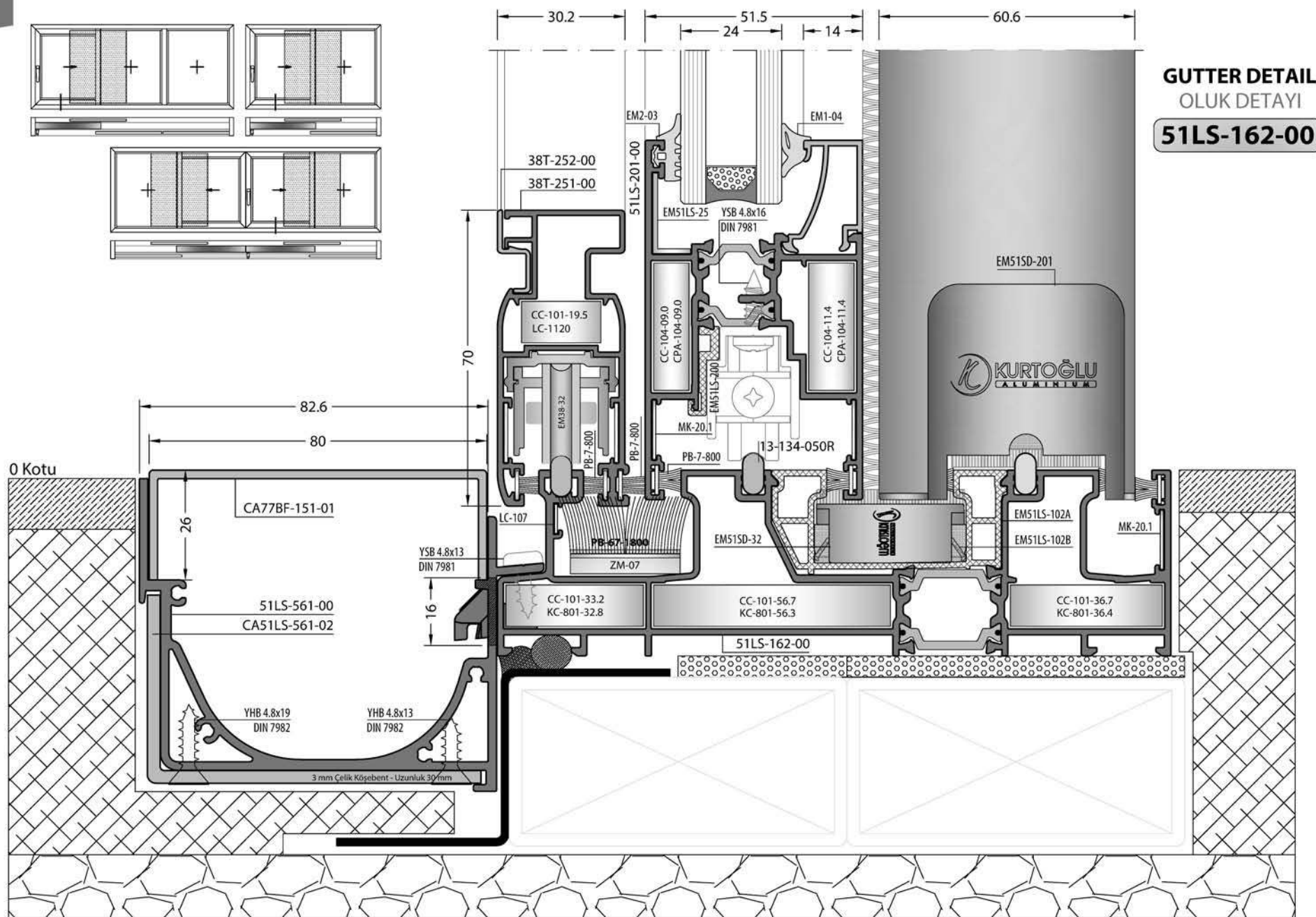


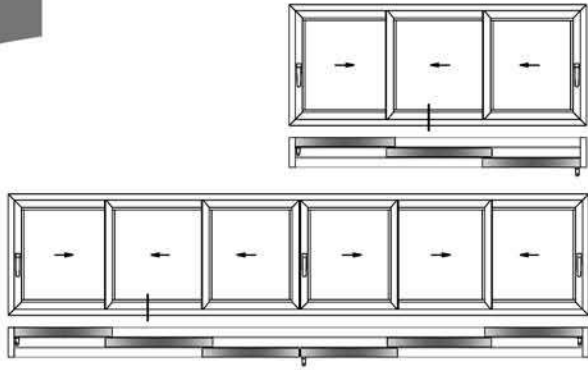
SASH ON OUTSIDE / KANAT DIŐTA



GUTTER DETAIL
OLUK DETAYI

51LS-112-00

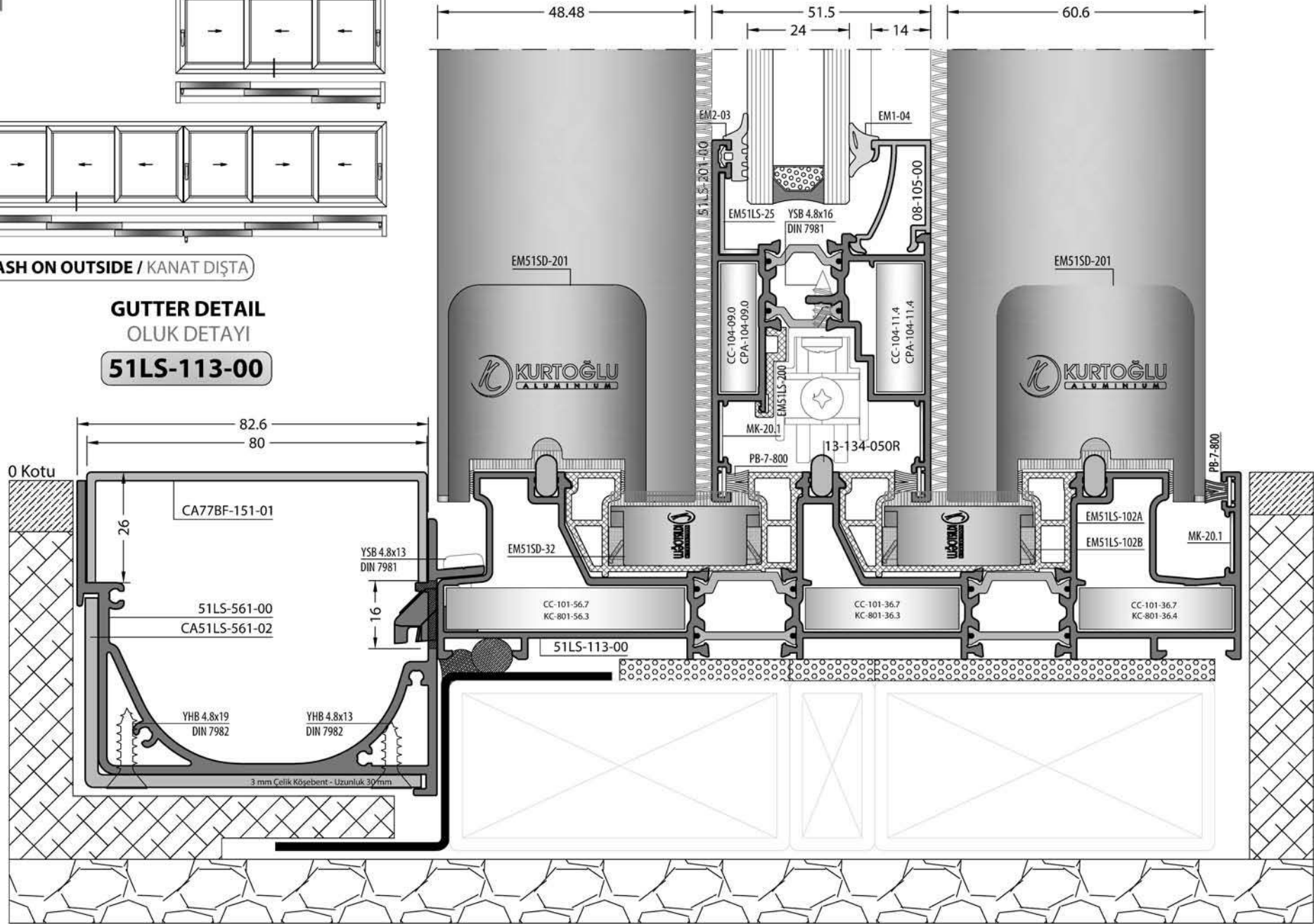


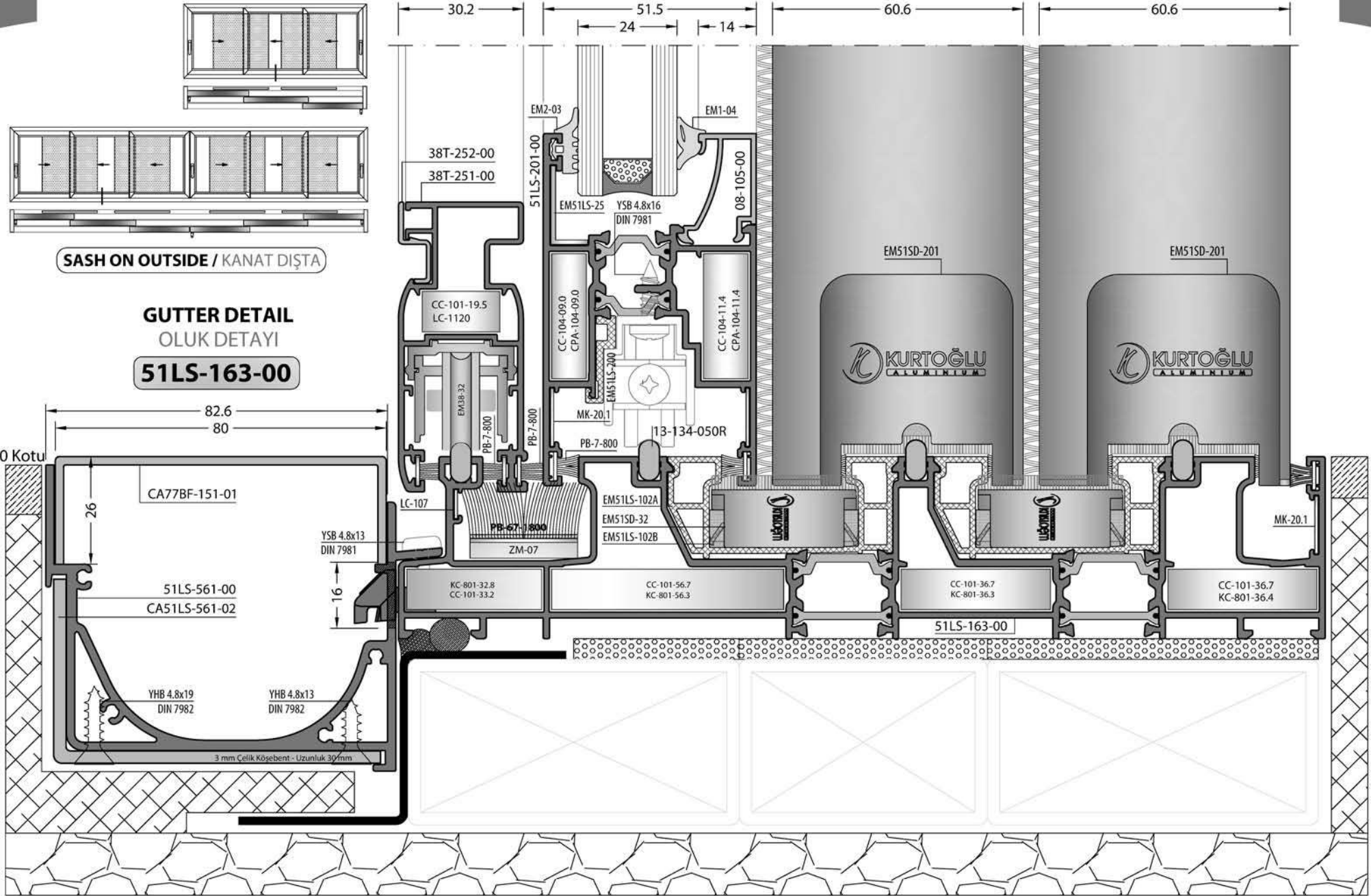


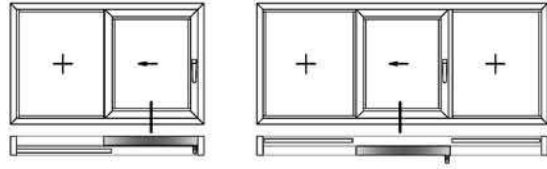
SASH ON OUTSIDE / KANAT DIŞTA

GUTTER DETAIL
OLUK DETAYI

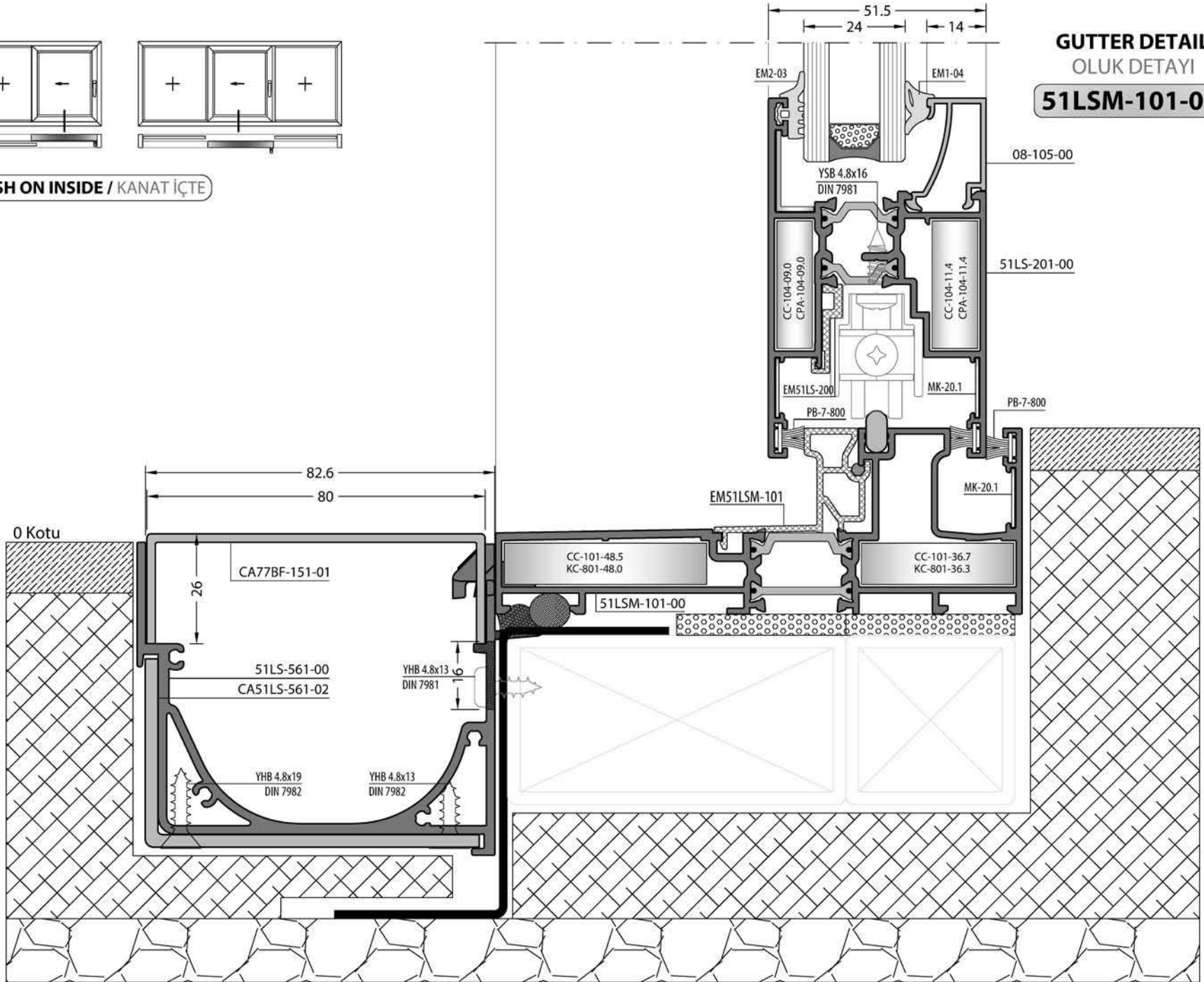
51LS-113-00

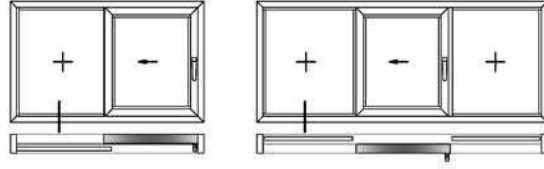






SASH ON INSIDE / KANAT İÇTE

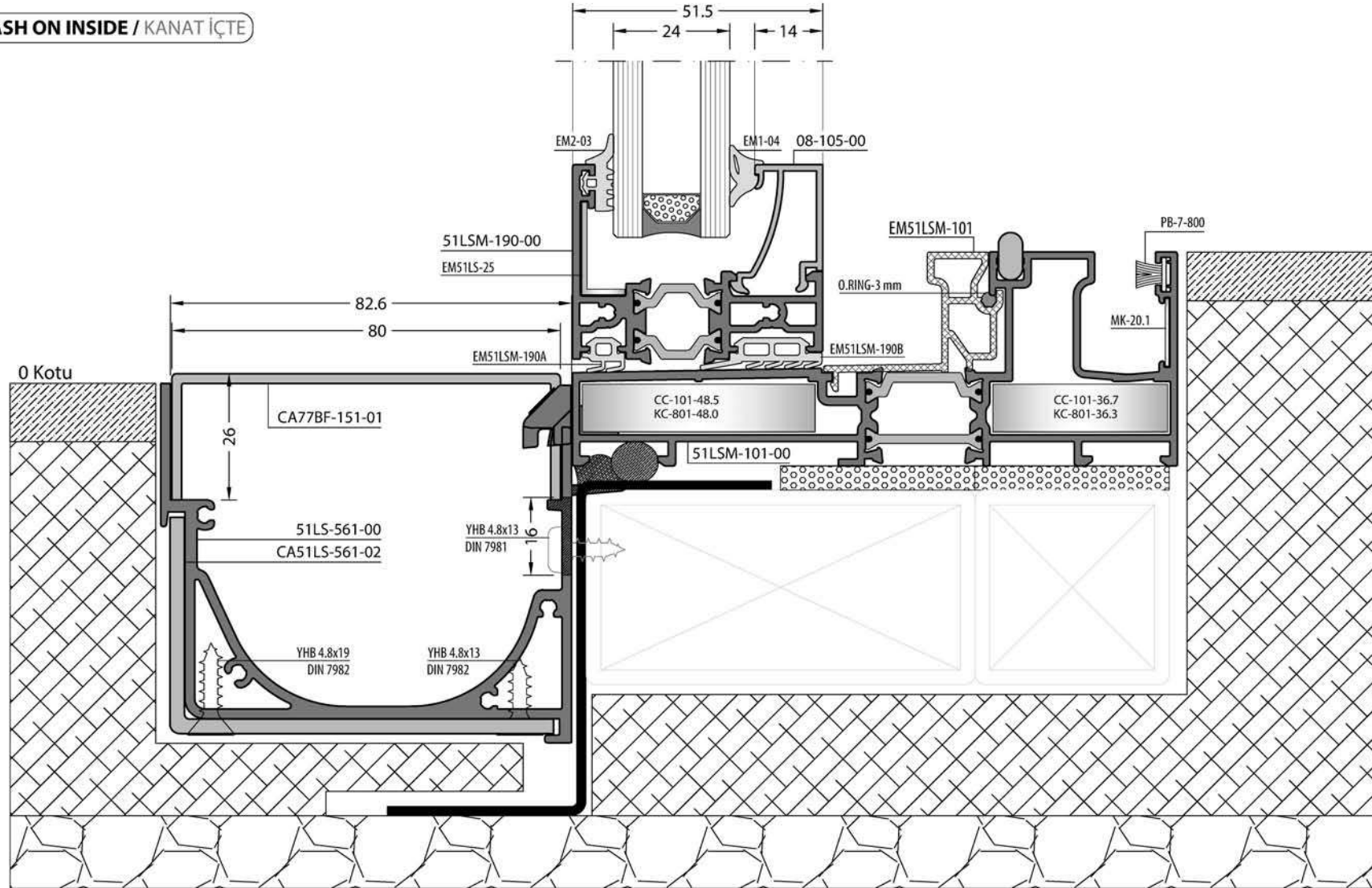




SASH ON INSIDE / KANAT İÇTE

GUTTER DETAIL
OLUK DETAYI

51LSM-101-00

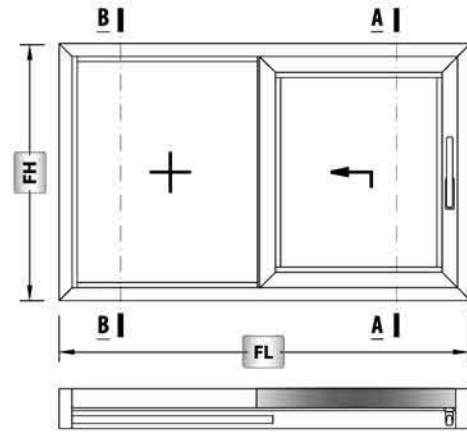


51S

CUTTING SIZE / KESİM ÖLÇÜLERİ

SLIDE / SÜRME

SASH ON INSIDE / KANAT İÇTE



✓ Please look at the assembly drawings for mechanical treatment.
Mekanik işlemler için lütfen uygulama detayları bölümüne bakınız.

FIXED SIDE GLASS / SABİT KISIM CAMI

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		1 Pcs / Adet	GL2 = $\frac{FL}{2}$ - 92 GH2 = FH - 94

SASH GLASS / KANAT CAMI

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		1 Pcs / Adet	GL1 = SL - 140 GH1 = SH - 140

PROFILES / PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
51LSM-101-00			2 Pcs / Adet	FL	-
51LS-201-00			2 Pcs / Adet	SL = $\frac{FL}{2}$ + 13	-
51LSM-503-00			1 Pcs / Adet	SH = FH - 74	-
51LSM-190-00			2 Pcs / Adet	FH - 47	-
08-105-00			1 Pcs / Adet	AL = (FL/2) - 60	✓
13-134-050R			2 Pcs / Adet	AH = FH - 44	-
51LS-501-00			2 Pcs / Adet	BL1 = SL - 126	-
51LS-502-00			2 Pcs / Adet	BH1 = SH - 170	-
			2 Pcs / Adet	BL2 = $\frac{FL}{2}$ - 78	-
			2 Pcs / Adet	BH2 = FH - 124	-
			1 Pcs / Adet	LR = FL - 77	-
			1 Pcs / Adet	AH = SH - 3	✓
			1 Pcs / Adet	KH = FH - 47	✓
				OPSIONEL REINFORCE PART OPSIONEL GÜÇLENDİRME PARÇASI	✓

PLASTIC PROFILES / PLASTİK PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
EM51LSM-101			2 Pcs / Adet	FL - 30	-
EM51LS-501A			2 Pcs / Adet	FH - 30	-
EM51LS-501B			1 Pcs / Adet	PH = SH - 3	✓
EM51LS-501B			1 Pcs / Adet	FH - 80	-
EM51LS-501B			1 Pcs / Adet	PH = SH - 3	-
EM51LS-501B			1 Pcs / Adet	FH - 80	-
EM51LS-200			1 Pcs / Adet	PLL = SL - 44	-
EM51LS-200			1 Pcs / Adet	PLL = SL - 44	-
EM51LS-200			1 Pcs / Adet	PLH = SH - 40	-
EM51LS-250			1 Pcs / Adet	UH = SH - 47	-

IT IS NOT CUTTING FORMULA. USE ONLY FOR QUANTITY CALCULATION.
KESİM ÖLÇÜSÜ DEĞİLDİR. SADECE MİKTAR HESAPLAMA İÇİN KULLANILIR.

SLIDE / SÜRME

STANDARD CLAMP / STANDART KENET

51LSM

GASKETS / FİTİLLER

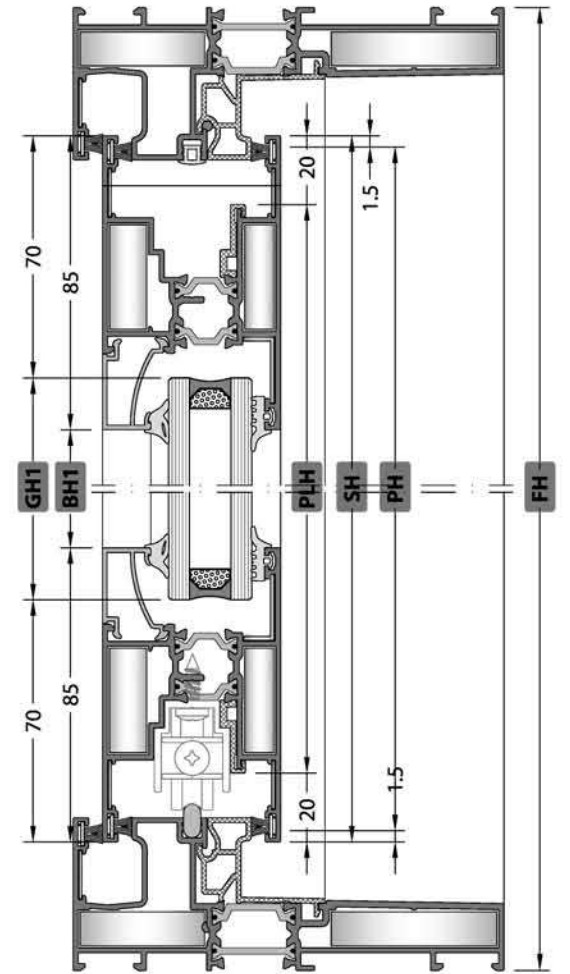
Code Kod	Quantity Miktar	Picture Resim
EM1-XX	2SL+2SH+FL+2FH	
EM2-03	2SL+2SH+FL+2FH	
EM51LS-02	2SH	
EM51LS-04	SH	
EM45-05	FL+2FH	
PB-7-800	2FL+2SL+4FH	
EM51LS-11	4SH	
EM51LSM-190A	FL + FH	
EM51LSM-190B	FL + FH	

CORNER JOINTS / KÖŞE BAĞLANTILAR

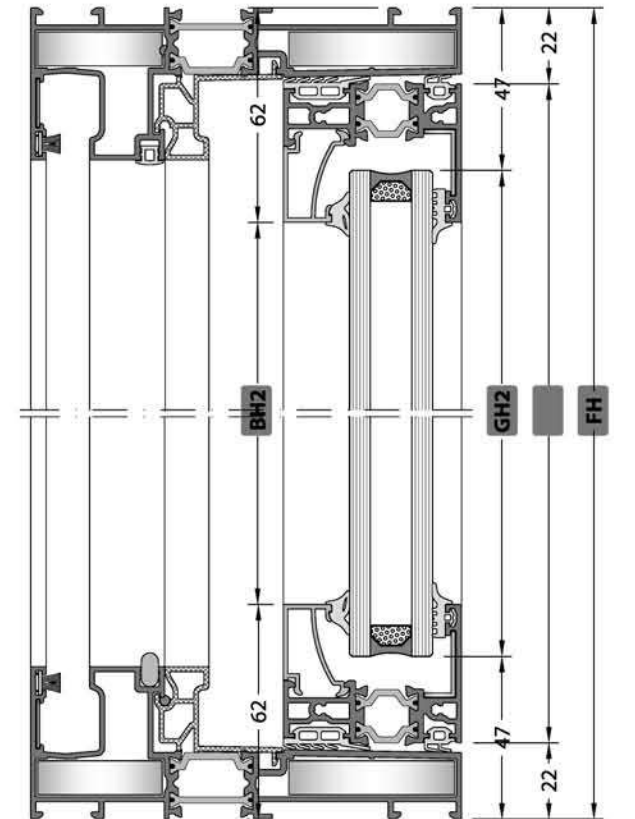
Code Kod	Quantity Miktar	Picture Resim
CC-101-36.7 Or / Yada KC-801-36.3	4 Pcs / Adet	
CC-101-48.5 Or / Yada KC-801-48.0	4 Pcs / Adet	
CC-104-09.0 Or / Yada CPA-104-09.0	4 Pcs / Adet	
CC-104-11.4 Or / Yada CPA-104-11.4	4 Pcs / Adet	
EM51LS-25	6 Pcs / Adet	
MK-20.1	12 Pcs / Adet	

CONSUMABLE MATERIALS / SARF MALZEMELER

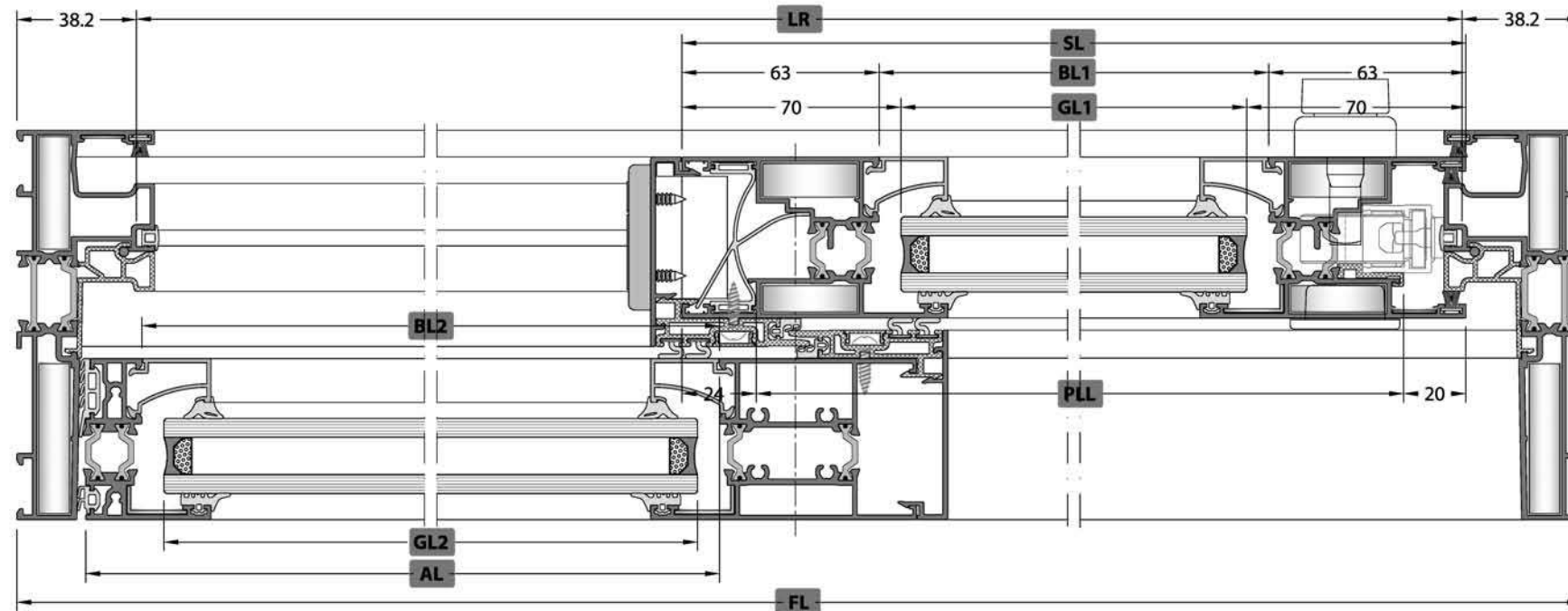
Code Kod	Description Açıklama	Quantity (pcs-m) Miktar (Paket)	Picture Resim
EM51SD-201	CLAMPING ACCESSORIES SET KENET AKSESUAR TAKIMI	1 Set / Takım	
EM51LS-600	CLAMPING PLASTIC CAP KENET PLASTİK KAPAĞI	1 Set / Takım	
EM51SD-31	FIXED WEATHER STRIP SET SABİTLİ HAVA KESİCİ TAKIMI	1 Set / Takım	
EM51SD-72	PULLEY RULMAN	120 kg < 2 Pcs / Adet 200 kg < 4 Pcs / Adet	
EM51SD-08	SASH STABILITY PLASTIC KANAT DENGİ PLASTİĞİ	See Amount / Kanat Adedi Sash / Kanat < 1500 mm / f / tan 4 Pieces / Adet Sash / Kanat > 1500 mm / f / tan 6 Pieces / Adet	
EM70LS-09	DRAINAGE CAP TAHLİYE KAPAĞI	((FL/2)-350) / 650 + 1 Pcs / Adet	
EM70LS-10	DRAINAGE CAP TAHLİYE KAPAĞI	1 Pcs / Adet	
EM51LS-190	FRAME MONTAGE WEDGE KASA MONTAJ TAKOZU	((FL-2000) / 1000) + 1 Pcs / Adet	
EM51LS-1101	FRAME SEPARATOR KASA AYIRICI	1 Pcs / Adet	
EM51LSM-503	CLAMPING ACCESSORIES SET KENET AKSESUAR TAKIMI	1 Set / Takım	



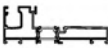
A-A SECTION / A-A KESİTİ



B-B SECTION / B-B KESİTİ



Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		1 Pcs / Adet	GL1 = SL - 140
			GH1 = SH - 140

PROFILES / PROFİLLER					
Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
51LSM-101-00			2 Pcs / Adet	FL	-
			2 Pcs / Adet	FH	
51LS-201-00			2 Pcs / Adet	SL = (FL/3) + 35	-
			2 Pcs / Adet	SH = FH - 74	-
51LSM-503-00			2 Pcs / Adet	FH - 47	-
51LSM-190-00			4 Pcs / Adet	(FL/3) - 38	✓
			2 Pcs / Adet	FH - 44	
51LSM-505-00			1 Pcs / Adet	FH - 93	-
08-105-00			2 Pcs / Adet	BL1 = SL - 126	-
			2 Pcs / Adet	BH1 = SH - 170	
			4 Pcs / Adet	BL2 = $\frac{FL}{3}$ - 56	
			4 Pcs / Adet	BH2 = FH - 124	
13-134-050R	0		1 Pcs / Adet	LR = $\frac{2FL}{3}$ - 33	-
51LS-501-00			1 Pcs / Adet	AH = SH - 3	✓
			2 Pcs / Adet	KH = FH - 47	
* 51LS-502-00			-	OPSİYONEL REINFORCE PART OPSİYONEL GÜÇLENDİRME PARÇASI	✓

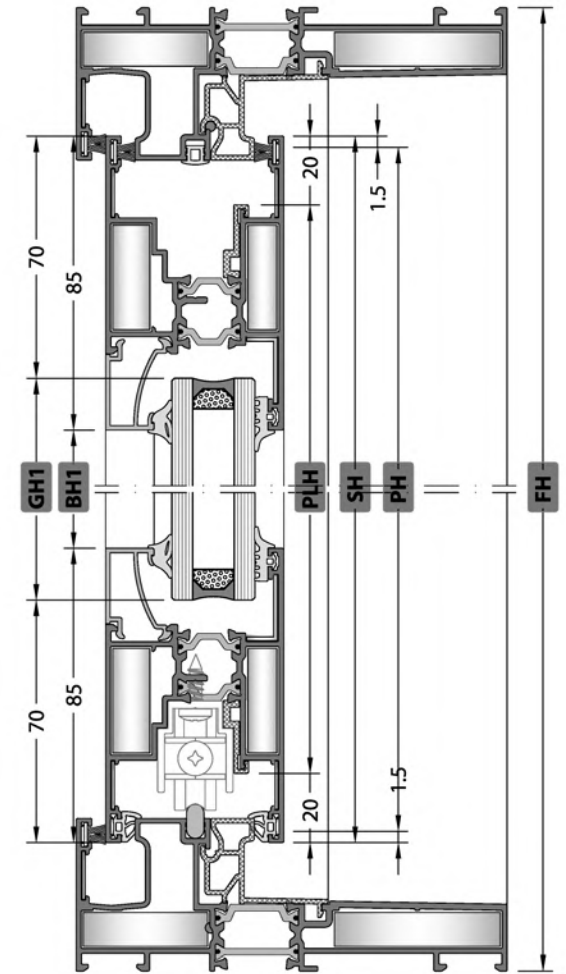
PLASTIC PROFILES / PLASTİK PROFİLLER					
Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
EM51LSM-101			2 Pcs / Adet	FL - 30	-
			2 Pcs / Adet	FH - 30	
EM51LS-501A			1 Pcs / Adet	PH = SH - 3	✓
			2 Pcs / Adet	FH - 80	
EM51LS-501B			1 Pcs / Adet	PH = SH - 3	-
			2 Pcs / Adet	FH - 80	
			1 Pcs / Adet	FH - 93	
EM51LS-200			1 Pcs / Adet	PLL = SL - 44	-
			1 Pcs / Adet	PLL = SL - 44	
			1 Pcs / Adet	PLH = SH - 40	

● **IT IS NOT CUTTING FORMULA. USE ONLY FOR QUANTITY CALCULATION.**
KESİM ÖLÇÜSÜ DEĞİLDİR. SADECE MİKTAR HESAPLAMA İÇİN KULLANILIR.

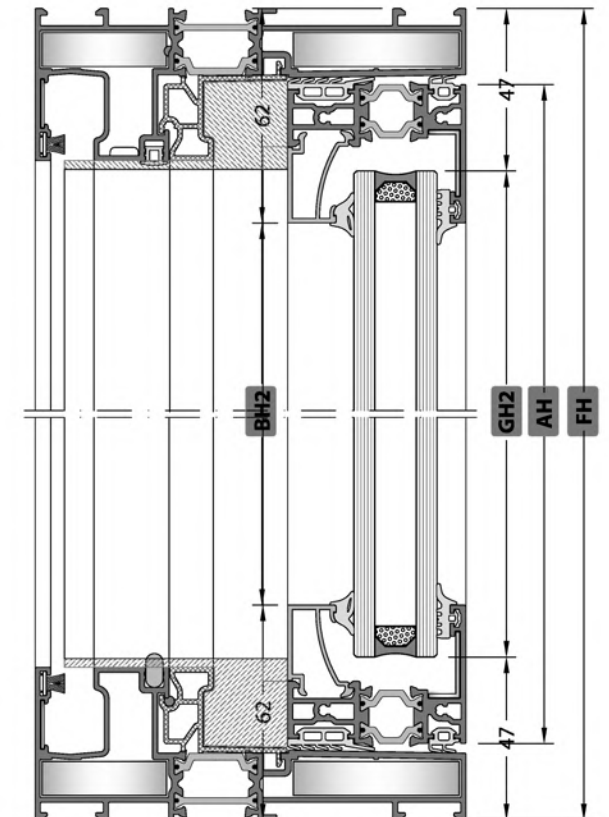
GASKETS / FITILLER		
Code Kod	Quantity Miktar	Picture Resim
EM1-XX	2FL + 6SH	
EM2-03	2FL + 6SH	
EM51LS-02	3SH	
EM45-05	FL + 2FH + SL	
PB-7-800	2FL + 2FH	
EM51LS-11	6SH	
EM51LSM-190A	4SL + 2FH	
EM51LSM-190B	4SL + 2FH	

CONSUMABLE MATERIALS / SARF MALZEMELERİ				
Code Kod	Description Açıklama	Quantity (pcs-m) Miktar (Paket)	Picture Resim	
EM51SD-201	CLAMPING ACCESSORIES SET KENET AKSESUAR TAKIMI	1 Set / Takım		
EM51LS-600	CLAMPING PLASTIC CAP KENET PLASTİK KAPAĞI	1 Set / Takım		
EM51SD-31	FIXED WEATHER STRIP SET SABİTLİ HAVA KESİCİ TAKIMI	1 Set / Takım		
EM51SD-72	PULLEY RULMAN	120 kg < 2 Pcs / Adet 200 kg < 4 Pcs / Adet		
EM51SD-08	SASH STABILITY PLASTIC KANAT DENGE PLASTİĞİ	Sash Armature Kanat Ardat Sash / Kanat ≤1500 mm İf / İse 4 Pieces / Adet Sash / Kanat ≥1500 mm İf / İse 6 Pieces / Adet		
EM70LS-09	DRAINAGE CAP TAHLİYE KAPAĞI	((FL/2)-350) / 650 + 1 Pcs / Adet		
EM70LS-10	DRAINAGE CAP TAHLİYE KAPAĞI	1 Pcs / Adet		
EM51LS-190	FRAME MONTAGE WEDGE KASA MONTAJ TAKOZU	((FL-2000) / 1000) + 1 Pcs / Adet		
EM51LS-1101	FRAME SEPARATOR KASA AYIRICI	1 Pcs / Adet		
EM51LSM-503	CLAMPING ACCESSORIES SET KENET AKSESUAR TAKIMI	2 Set / Takım		
EM51LSM-505	CLAMPING ACCESSORIES SET KENET AKSESUAR TAKIMI	1 Set / Takım		

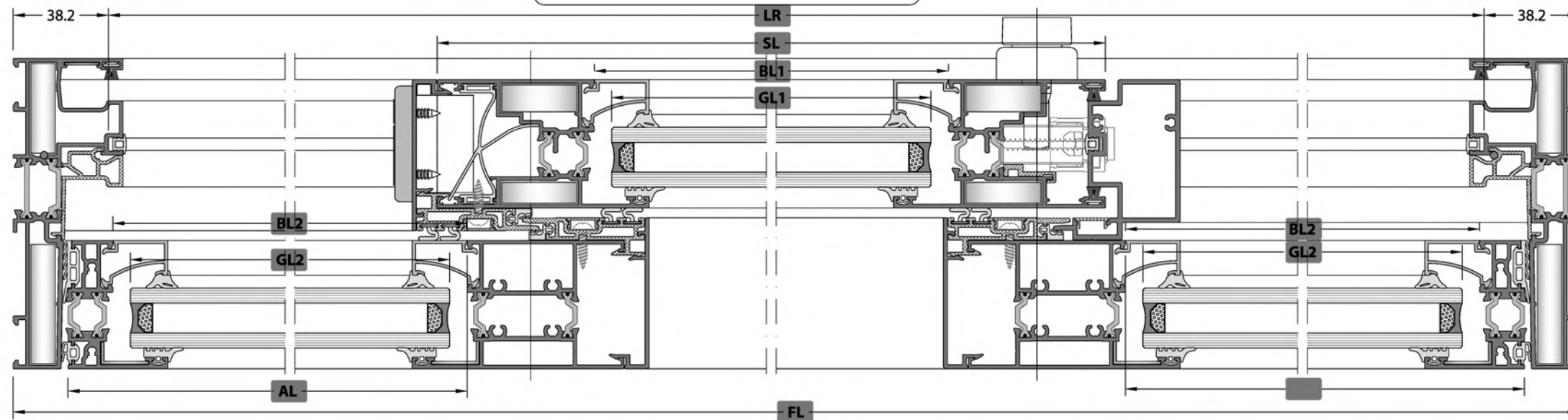
Code Kod	Quantity Miktar	Picture Resim
CC-101-36.7 Or/ Yada KC-801-36.3	4 Pcs / Adet	 
CC-101-48.5 Or/ Yada KC-801-48.0	4 Pcs / Adet	 
CC-104-09.0 Or/ Yada CPA-104-09.0	4 Pcs / Adet	 
CC-104-11.4 Or/ Yada CPA-104-11.4	4 Pcs / Adet	 
EM51LS-25	8 Pcs / Adet	
MK-20.1	12 Pcs / Adet	



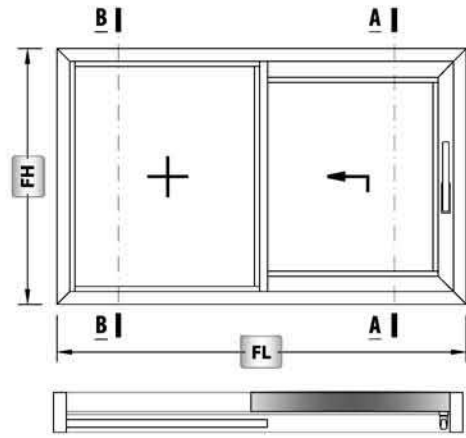
A-A SECTION / A-A KESİTİ



B-B SECTION / B-B KESİTİ



CUTTING SIZE / KESİM ÖLÇÜLERİ



✓ Please look at the assembly drawings for mechanical treatment.
Mekanik işlemler için lütfen uygulama detayları bölümüne bakınız.

FIXED SIDE GLASS / SABİT KISIM CAMI

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		1 Pcs / Adet	GL2 = $\frac{FL}{2}$ - 57 GH2 = FH - 94

SASH GLASS / KANAT CAMI

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		1 Pcs / Adet	GL1 = SL - 79.5 GH1 = SH - 140

PROFILES / PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
51LSM-101-00			2 Pcs / Adet	FL	-
51LS-201-00			2 Pcs / Adet	FH	-
51LS-211-00			1 Pcs / Adet	SL = $\frac{FL}{2}$ - 37.5	-
51LSM-190-00			1 Pcs / Adet	SH = FH - 74	-
51LSM-513-00			1 Pcs / Adet	ZH = SH - 19.4	✓
08-105-00			2 Pcs / Adet	AL = (FL/2) - 25	✓
13-134-050R			1 Pcs / Adet	AH = FH - 44	-
51LS-501-00			1 Pcs / Adet	AH = FH - 47	-
51LS-502-00			1 Pcs / Adet	AH = SH - 19.4	✓
51LS-502-00			1 Pcs / Adet	KH = FH - 47	✓
51LS-502-00			1 Pcs / Adet	OPSIONEL REINFORCE PART OPSİYONEL GÜÇLENDİRME PARÇASI	✓

PLASTIC PROFILES / PLASTİK PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
EM51LSM-101			2 Pcs / Adet	FL - 30	-
EM51LS-511			2 Pcs / Adet	FH - 30	-
EM51LS-200			1 Pcs / Adet	NH = FH - 77	✓
EM51LS-250			1 Pcs / Adet	PLL = SL - 20	-
EM51LS-250			1 Pcs / Adet	PLL = SL - 20	-
EM51LS-250			1 Pcs / Adet	PLH = SH - 40	-
EM51LS-250			1 Pcs / Adet	UH = SH - 47	-

IT IS NOT CUTTING FORMULA. USE ONLY FOR QUANTITY CALCULATION.
KESİM ÖLÇÜSÜ DEĞİLDİR. SADECE MİKTAR HESAPLAMA İÇİN KULLANILIR.

SLIDE / SÜRME

NARROW CLAMP / DAR KENET

51LSM

GASKETS / FİTİLLER

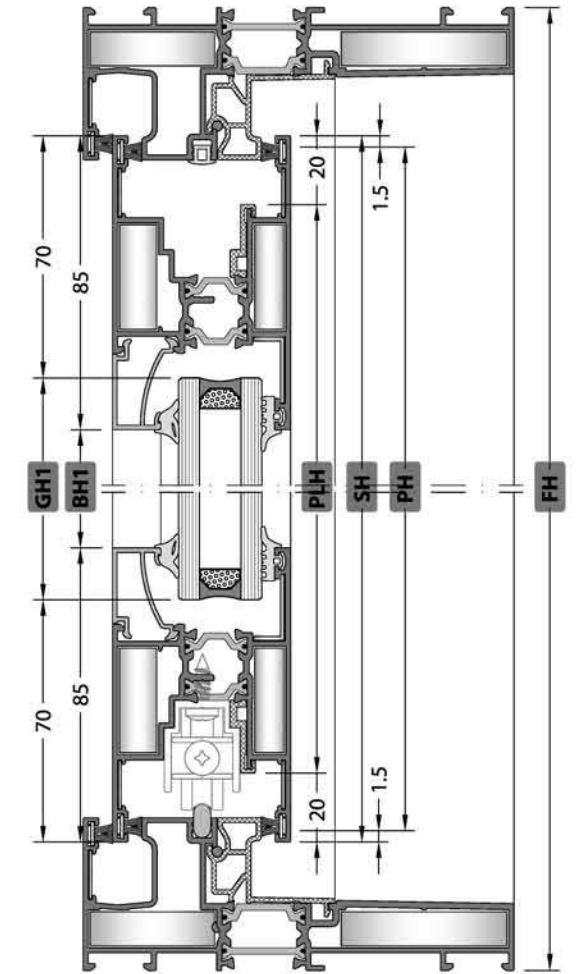
Code Kod	Quantity Miktar	Picture Resim
EM1-XX	2SL+2SH+FL+2FH	
EM2-03	2SL+2SH+FL+2FH	
EM45-05	FL+2FH	
PB-7-800	2FL+2FH	
EM51LS-11	2FL+2SL+4FH	
O.RING-3 mm	2FL+2FH	
EM51LSM-190A	FL+FH	
EM51LSM-190B	FL+FH	

CORNER JOINTS / KÖŞE BAĞLANTILAR

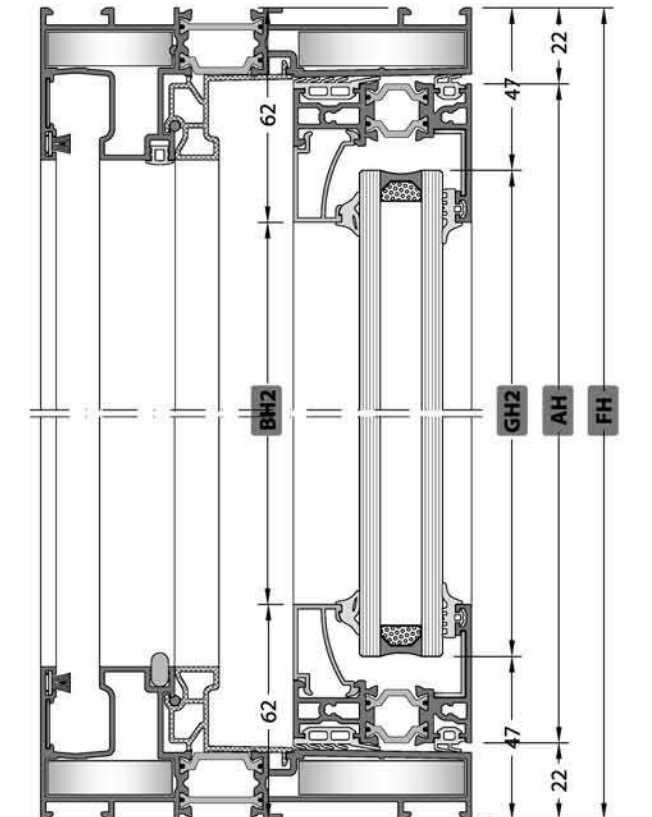
Code Kod	Quantity Miktar	Picture Resim
CC-101-36.7 Or / Yada KC-801-36.3	4 Pcs / Adet	
CC-101-48.5 Or / Yada KC-801-48.0	4 Pcs / Adet	
CC-104-09.0 Or / Yada CPA-104-09.0	2 Pcs / Adet	
CC-104-11.4 Or / Yada CPA-104-11.4	2 Pcs / Adet	
EM51LS-25	2 Pcs / Adet	
MK-20.1	4 Pcs / Adet	
CA51-913-50.0	2 Set / Takım	

CONSUMABLE MATERIALS / SARF MALZEMELER

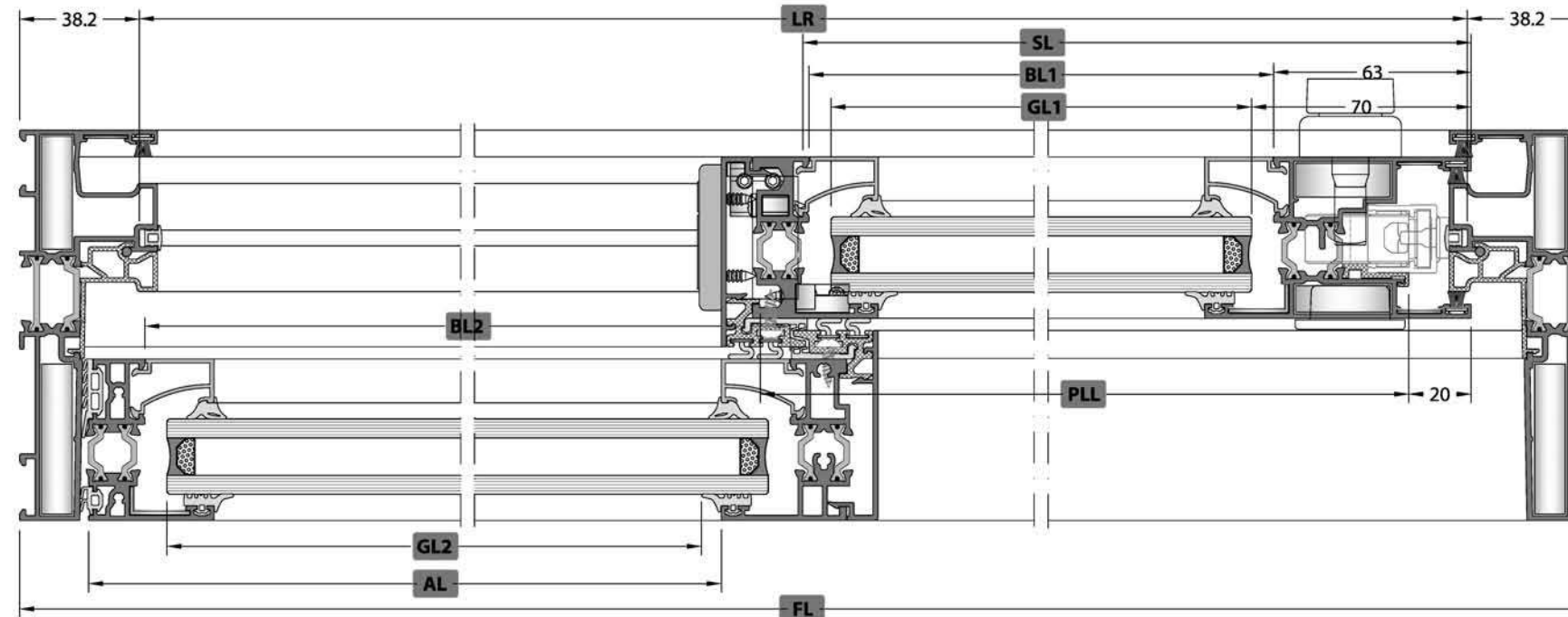
Code Kod	Description Açıklama	Quantity (pcs-m) Miktar (Paket)	Picture Resim
EM51LS-213 INSIDE / İÇ	NARROW CLAMPING ACCESSORIES SET DAR KENET AKSESUAR TAKIMI	1 Set / Takım	
EM51LS-31DK	NARROW CLAMPING WEATHER STRIP SET SABİTLİ KASA DAR KENET HAVA KESİCİ TAKIMI	1 Set / Takım	
EM51SD-72	PULLEY RULMAN	120 kg < 2 Pcs / Adet 200 kg < 4 Pcs / Adet	
EM51SD-08	SASH STABILITY PLASTIC KANAT DENGİ PLASTİĞİ	Sash / Kanat ≤ 1500 mm İf / İse 4 Pieces / Adet Sash / Kanat ≥ 1500 mm İf / İse 6 Pieces / Adet	
EM70LS-09	DRAINAGE CAP TAHLYE KAPAĞI	((FL/2)-350) / 650 + 1 Pcs / Adet	
EM70LS-10	DRAINAGE CAP TAHLYE KAPAĞI	1 Pcs / Adet	
EM51LS-190	FRAME MONTAGE WEDGE KASA MONTAJ TAKOZU	((FL-2000) / 1000)+1 Pcs / Adet	
EM51LS-1101	FRAME SEPARATOR KASA AYIRICI	1 Pcs / Adet	
EM51LSM-513	CLAMPING ACCESSORIES SET DAR KENET AKSESUAR TAKIMI	1 Set / Takım	



A-A SECTION / A-A KESİTİ



B-B SECTION / B-B KESİTİ



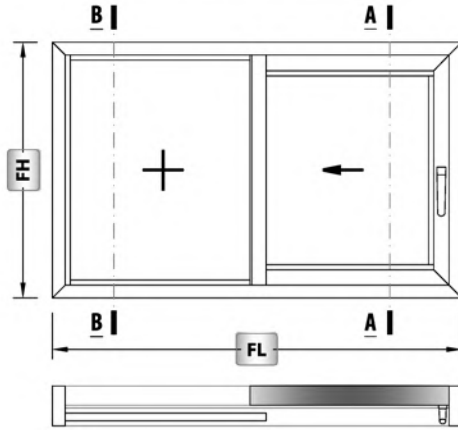
CUTTING SIZE / KESİM ÖLÇÜLERİ

SLIDE / SÜRME

STANDARD CLAMP / STANDART KENET

Single Rail Frame / Tek Raylı Kasa

FIXED FRAME / SABİTLİ KASA



✓ Please look at the assembly drawings for mechanical treatment.
Mekanik işlemler için lütfen uygulama detayları bölümüne bakınız.

FIXED SIDE GLASS / SABİT KISIM CAMI

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		1 Pcs / Adet	GL2 = $\frac{FL}{2}$ - 63.3 GH2 = FH - 61.6

SASH GLASS / KANAT CAMI

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		1 Pcs / Adet	GL1 = SL - 140 GH1 = SH - 140

PROFILES / PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
51LS-101-00			2 Pcs / Adet	FL	-
			2 Pcs / Adet	FH	-
51LS-201-00			2 Pcs / Adet	SL = $\frac{FL}{2}$ + 0.5	-
			2 Pcs / Adet	SH = FH - 74	-
			1 Pcs / Adet	MH = FH - 47.6	✓
08-105-00			2 Pcs / Adet	BL = SL - 126	-
			2 Pcs / Adet	BH = SH - 170	-
			2 Pcs / Adet	CL = $\frac{FL}{2}$ - 49.3	-
			2 Pcs / Adet	CH = FH - 91.6	-
13-134-050R			1 Pcs / Adet	LR = FL - 76.4	-
51LS-401-00			2 Pcs / Adet	TL = $\frac{FL}{2}$ - 71.3	✓
51LS-413-00			1 Pcs / Adet	OH = FH - 105.6	-
51LS-501-00			1 Pcs / Adet	AH = SH - 3	✓
			1 Pcs / Adet	KH = FH - 47.6	✓
* 51LS-502-00			-	OPSIONEL REINFORCE PART OPSİYONEL GÜÇLENDİRME PARÇASI	✓
51LS-520-00			1 Pcs / Adet	FL	✓

PLASTIC PROFILES / PLASTİK PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
EM51LS-501A			1 Pcs / Adet	PH = SH - 3 NH = FH - 77	✓
EM51LS-501B			1 Pcs / Adet	PH = SH - 3 NH = FH - 77	-
EM51LS-200			1 Pcs / Adet	PLL = SL - 44	-
			1 Pcs / Adet	PLH = SH - 40	-
EM51LS-250			1 Pcs / Adet	UH = SH - 47	-

GASKETS / FİTİLLER

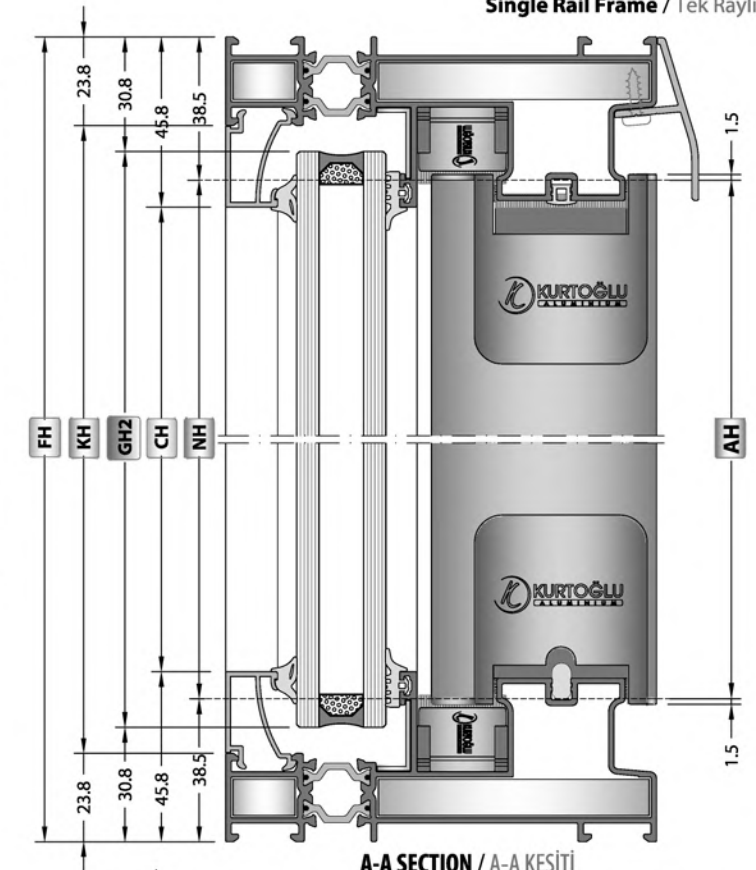
Code Kod	Quantity Miktar	Picture Resim
EM1-XX	2SL+2SH+FL+2FH	
EM2-03	2SL+2SH+FL+2FH	
EM51LS-02	2SH	
EM51LS-04	2SH	
EM70LS-05	2SL + 1SH	
EM45-05	FL+2FH	
PB-7-800	6SL + 3SH	
EM51LS-11	4SH	

CORNER JOINTS / KÖŞE BAĞLANTILAR

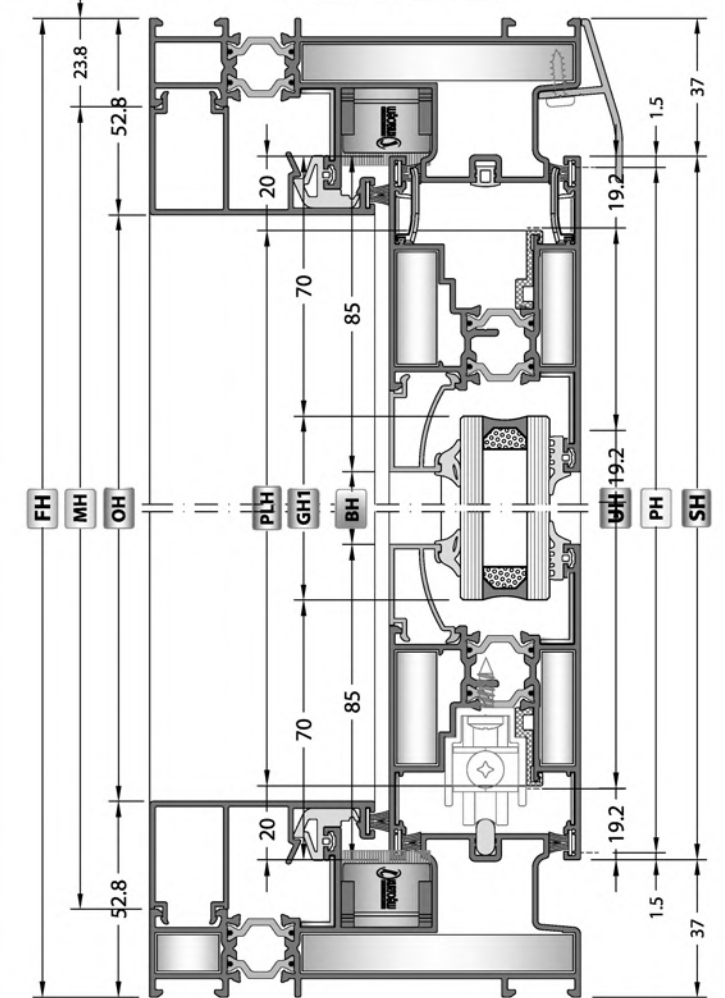
Code Kod	Quantity Miktar	Picture Resim
CC-101-17.3 Or / Yada KC-801-16.9	4 Pcs / Adet	
CC-101-73.6 Or / Yada KC-801-73.1	4 Pcs / Adet	
CC-104-09.0	4 Pcs / Adet	
CC-104-11.4	4 Pcs / Adet	
EM51LS-25	8 Pcs / Adet	
MK-20.1	8 Pcs / Adet	
CC51-901-30.9	2 Pcs / Adet	
CC51-902-30.9	2 Pcs / Adet	

CONSUMABLE MATERIALS / SARF MALZEMELER

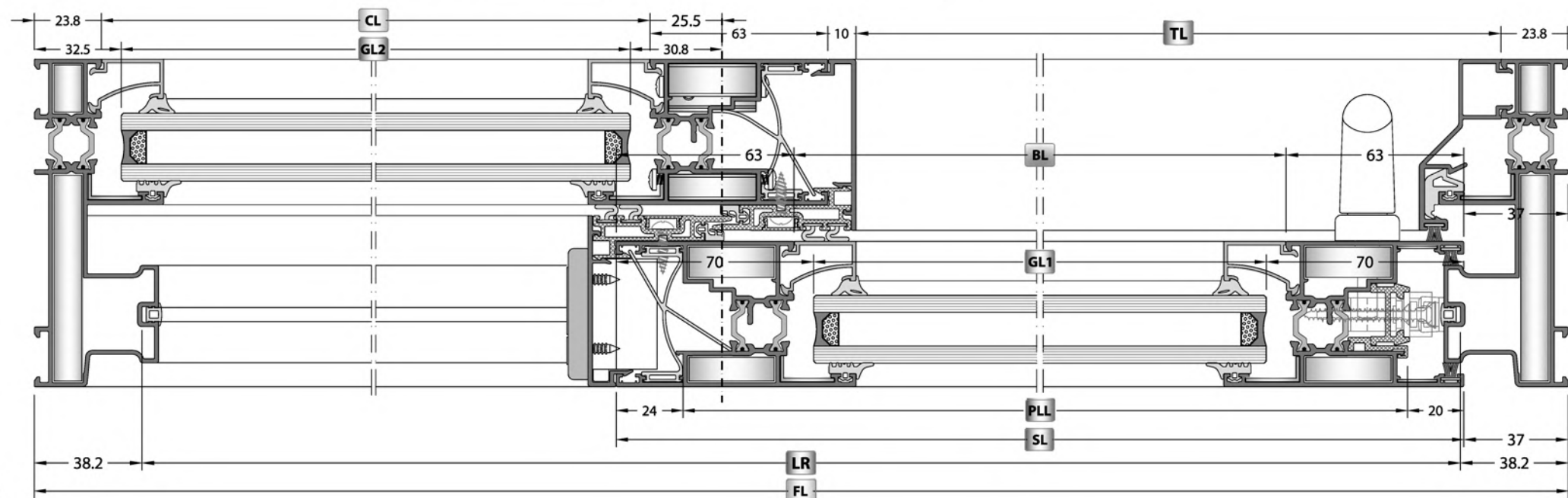
Code Kod	Description Açıklama	Quantity (pcs-m) Miktar (Paket)	Picture Resim
EM51SD-201	CLAMPING ACCESSORIES SET KENET AKSESUAR TAKIMI	1 Set / Takım	
EM51SD-31	FIXED WEATHER STRIP SET SABİTLİ HAVA KESİCİ TAKIMI	1 Set / Takım	
EM51SD-72	PULLEY RULMAN	120 kg < 2 Pcs / Adet 200 kg < 4 Pcs / Adet	
EM51SD-08	SASH STABILITY PLASTIC KANAT DENGİ PLASTİĞİ	Sash / Kanat < 1500 mm İf / İse 4 Pieces / Adet Sash / Kanat > 1500 mm İf / İse 6 Pieces / Adet	
EM70LS-09	DRAINAGE CAP TAHLİYE KAPAĞI	((FL/2)-350) / 650 + 1 Pcs / Adet	
EM70LS-10	DRAINAGE CAP TAHLİYE KAPAĞI	1 Pcs / Adet	
EM51LS-190	FRAME MONTAGE WEDGE KASA MONTAJ TAKOZU	((FL-2000) / 1000) + 1 Pcs / Adet	
EM51LS-1101	FRAME SEPARATOR KASA AYIRICI	1 Pcs / Adet	



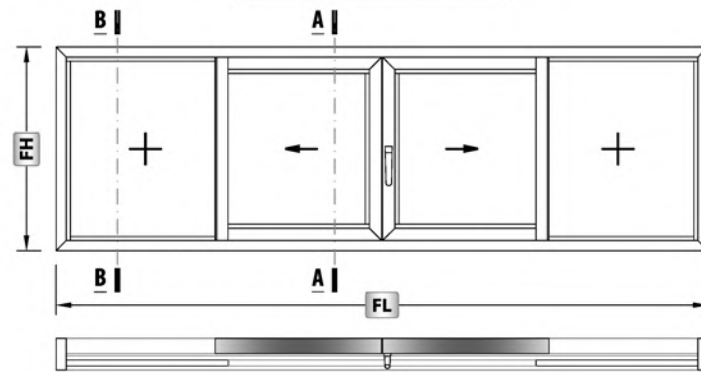
A-A SECTION / A-A KESİTİ



B-B SECTION / B-B KESİTİ



FIXED FRAME / SABİTLİ KASA



 **Please look at the assembly drawings for mechanical treatment.**
Mekanik işlemler için lütfen uygulama detayları bölümüne bakınız.

FIXED SIDE GLASS / SABİT KISIM CAMI

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		2 Pcs / Adet	$GL2 = \frac{FL}{4} - 63.3$ $GH2 = FH - 61.6$

SASH GLASS / KANAT CAMI

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		2 Pcs / Adet	GL1 = SL - 140
			GH1 = SH - 140

PROFILES / PROFILLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
51LS-101-00		 	2 Pcs / Adet 2 Pcs / Adet	FL FH	-
51LS-201-00		  	4 Pcs / Adet 4 Pcs / Adet 2 Pcs / Adet	$SL = \frac{FL}{4} + 31.5$ $SH = FH - 74$ $MH = FH - 47.6$	- - ✓
08-105-00		   	4 Pcs / Adet 4 Pcs / Adet 4 Pcs / Adet 4 Pcs / Adet	$BH = SH - 170$ $CL = \frac{FL}{4} - 49.3$ $CH = FH - 91.6$	-
13-134-050R			1 Pcs / Adet	LR = FL-76.4	-
51LS-504-00			1 Pcs / Adet	KKH = SH - 4	✓
51LS-501-00		 	2 Pcs / Adet 2 Pcs / Adet	AH = SH - 3 KH = FH - 47.6	✓
51LS-401-00			2 Pcs / Adet	TL = (F/2) - 95	✓
51LS-413-00			2 Pcs / Adet	OH = FH - 105.6	-
* 51LS-502-00			-	OPSIONEL REINFORCE PART OPSİYONEL GÜÇLENDİRME PARÇASI	✓
51LS-520-00			1 Pcs / Adet	FL	✓

PLASTIC PROFILES / PLASTİK PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
EM51LS-501A			2 Pcs / Adet	PH = SH - 3	✓
			2 Pcs / Adet	NH = FH - 77	
EM51LS-501B			2 Pcs / Adet	PH = SH - 3	-
			2 Pcs / Adet	NH = FH - 77	
EM51LS-200			2 Pcs / Adet	PLL = SL - 44	-
			2 Pcs / Adet	PLL = SL - 44	
			2 Pcs / Adet	PLH = SH - 40	
EM51LS-250			1 Pcs / Adet	UH = SH - 47	-

GASKETS / FİTİLLER

Code Kod	Quantity Miktar	Picture Resim
EM1-XX	85L+85H	
EM2-03	85L+85H	
EM51LS-02	45H	
EM51LS-04	45H	
EM70LS-05	45L	
EM45-05	FL+2FH	
PB-7-800	125L + 65H	
EM51LS-11	85H	

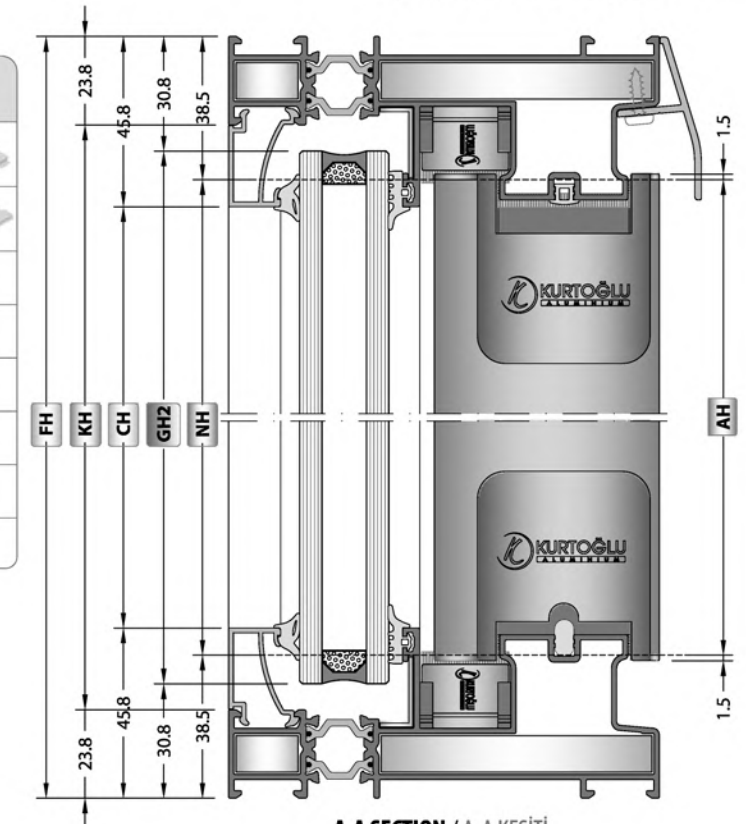
CONSUMABLE MATERIALS

SARF MALZEMELER

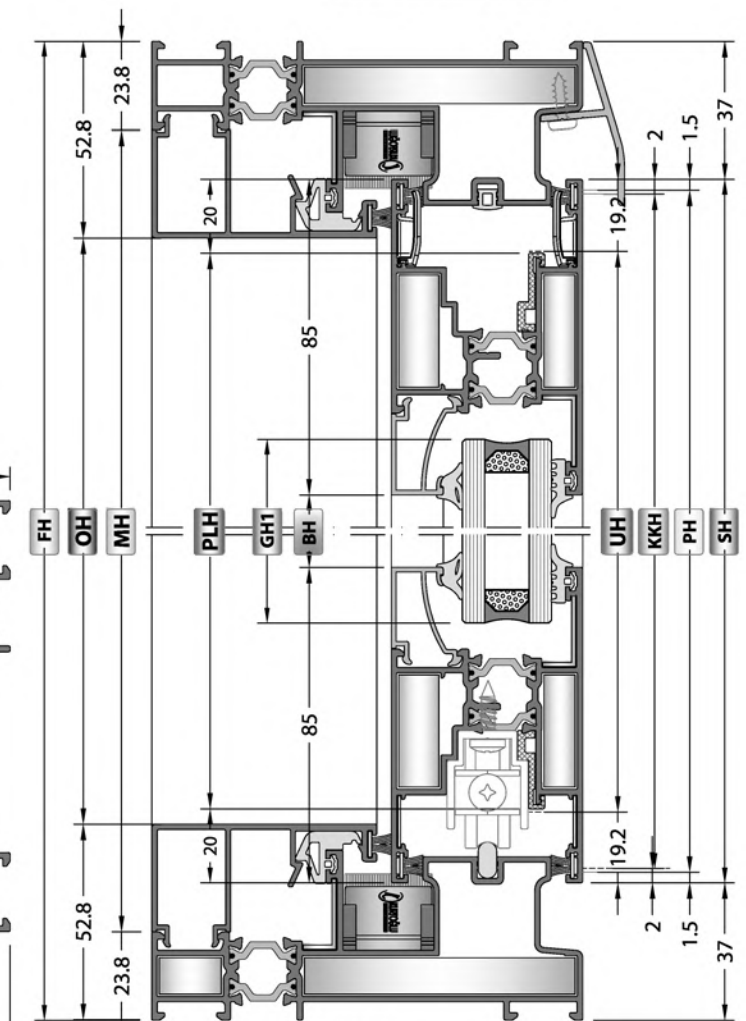
Code Kod	Description Açıklama	Quantity (pcs-m) Miktar (Paket)	Picture Resim
EM51SD-201	CLAMPING ACCESSORIES SET KENET AKSESUAR TAKIMI	2 Set / Takım	
EM51LS-504	CLAMPING ACCESSORIES SET KENET AKSESUAR TAKIMI	1 Set / Takım	
EM51SD-31	FIXED WEATHER STRIP SET SABİTLİ HAVA KESİCİ TAKIMI	2 Set / Takım	
EM51SD-72	PULLEY RULMAN	120 kg < 4 Pcs / Adet 200 kg < 8 Pcs / Adet	
EM51SD-08	SASH STABILITY PLASTIC KANAT DEĞEREN PLASTİĞİ	Sash Amount Kanat Adedi Sash / Kanat ≤1500 mm İf / İse 4 Pieces / Adet Sash / Kanat ≤1500 mm İf / İse 6 Pieces / Adet	
EM09-0001	SPILL / TAPA	(SH - 200) / 500 Pcs / Adet	
EM70LS-09	DRAINAGE CAP TAHLİYE KAPAĞI	2* (((FL/4)-350)/(650) + 1 Pcs / Adet	
EM70LS-10	DRAINAGE CAP TAHLİYE KAPAĞI	2 Pcs / Adet	
EM51LS-190	FRAME MONTAGE WEDGE KASA MONTAJ TAKOZU	((FL-2000) / 1000) + 1 Pcs / Adet	
EM51LS-1101	FRAME SEPARATOR KASA AYIRICI	2 Pcs / Adet	

CORNER JOINTS / KÖŞE BAĞLANTILAR

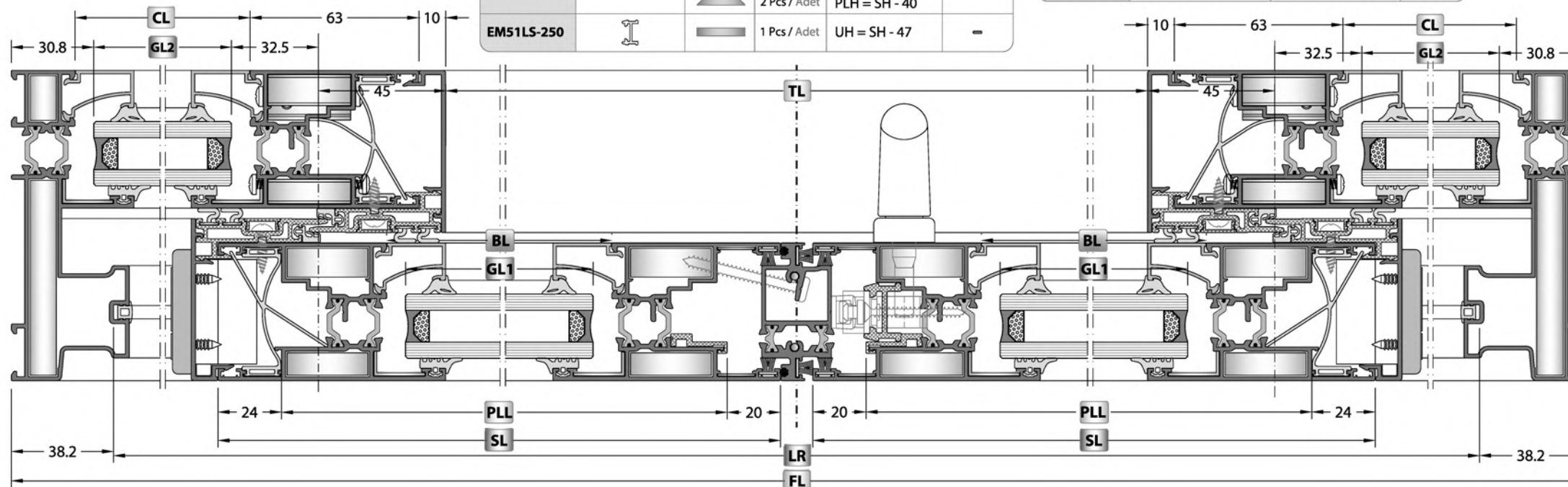
Code Kod	Quantity Miktar	Picture Resim
CC-101-17.3 Or / Yada KC-801-16.9	4 Pcs / Adet	
CC-101-73.6 Or / Yada KC-801-73.1	4 Pcs / Adet	
CC-104-09.0	8 Pcs / Adet	
CC-104-11.4	8 Pcs / Adet	
EM51LS-25	12 Pcs / Adet	
MK-20.1	16 Pcs / Adet	
CC51-901-30.9	4 Pcs / Adet	
CC51-902-30.9	4 Pcs / Adet	



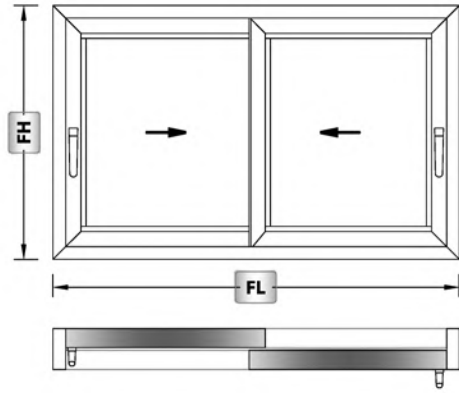
A-A SECTION / A-A KESİTİ



B-B SECTION / B-B KESİTİ



CUTTING SIZE / KESİM ÖLÇÜLERİ



✓ Please look at the assembly drawings for mechanical treatment.
Mekanik işlemler için lütfen uygulama detayları bölümüne bakınız.

GLASS / CAM

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		2 Pcs / Adet	GL = SL - 140 GH = SH - 140

PROFILES / PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
51LS-102-00			2 Pcs / Adet	FL	-
51LS-201-00			4 Pcs / Adet	SL = $\frac{FL}{2} + 0.5$ SH = FH - 74	-
08-105-00			4 Pcs / Adet	BL = SL - 126 BH = SH - 170	-
13-134-050R			2 Pcs / Adet	LR = FL - 76.4	-
51LS-501-00			2 Pcs / Adet	AH = SH - 3	✓
* 51LS-502-00			-	OPSIONEL REINFORCE PART OPSIONEL GÜÇLENDİRME PARÇASI	✓
51LS-520-00			1 Pcs / Adet	FL	✓

PLASTIC PROFILES / PLASTİK PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
EM51LS-102A			2 Pcs / Adet	PUL = FL - 38.8	-
EM51LS-102B			4 Pcs / Adet	PKL = $\frac{FL}{2} - 70$	-
EM51LS-501A			2 Pcs / Adet	PH = SH - 3	✓
EM51LS-501B			2 Pcs / Adet	PH = SH - 3	-
EM51LS-200			2 Pcs / Adet	PLL = SL - 44	-
EM51LS-250			2 Pcs / Adet	UH = SH - 47	-

SLIDE / SÜRME

STANDARD CLAMP / STANDART KENET

GASKETS / FİTİLLER

Code Kod	Quantity Miktar	Picture Resim
EM1-XX	4SL+4SH	
EM2-03	4SL+4SH	
EM51LS-02	2SH	
EM51LS-04	2SH	
EM45-05	2FL + 4FH	
EM51LS-11	4SH	
PB-7-800	8SL + 4SH	

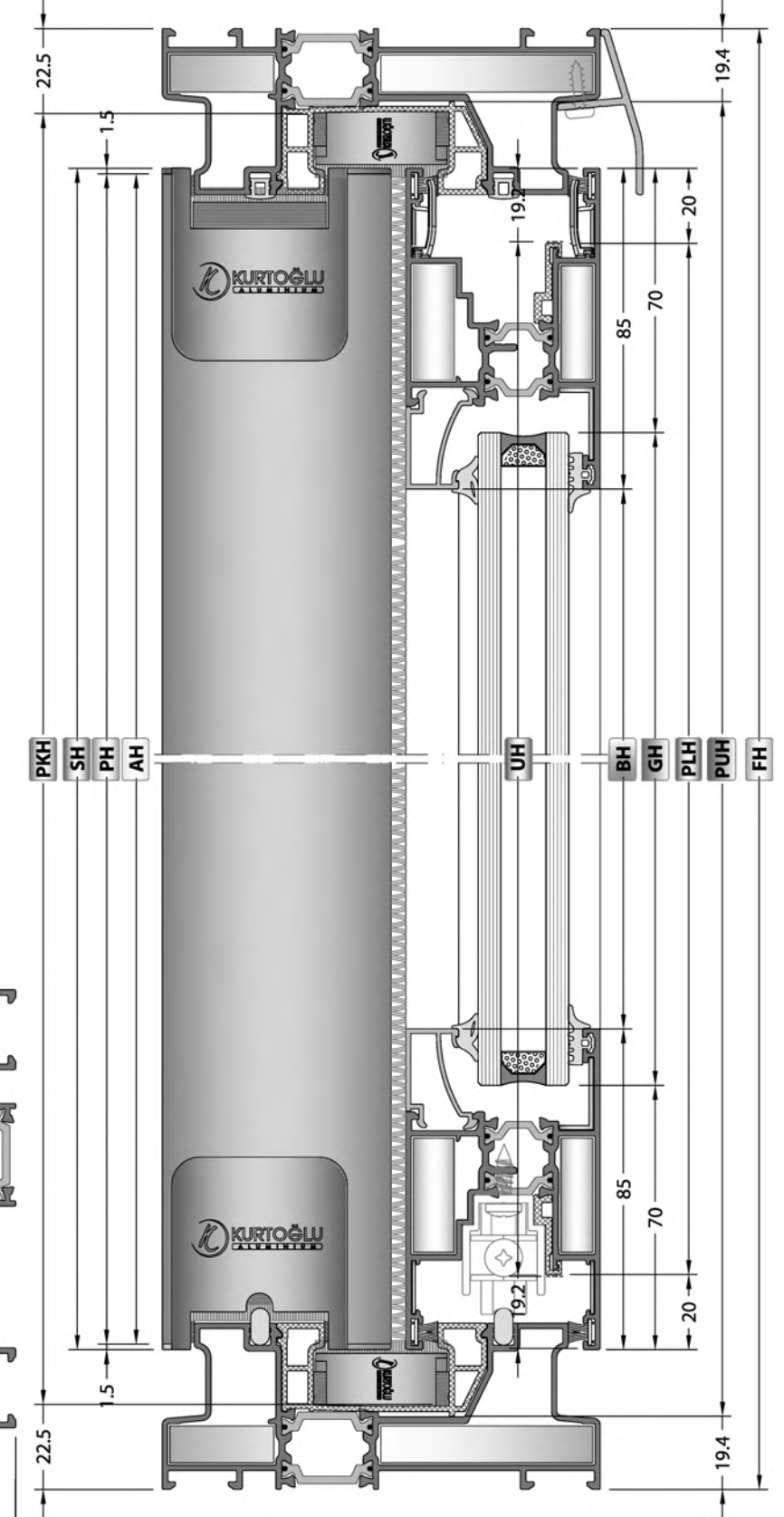
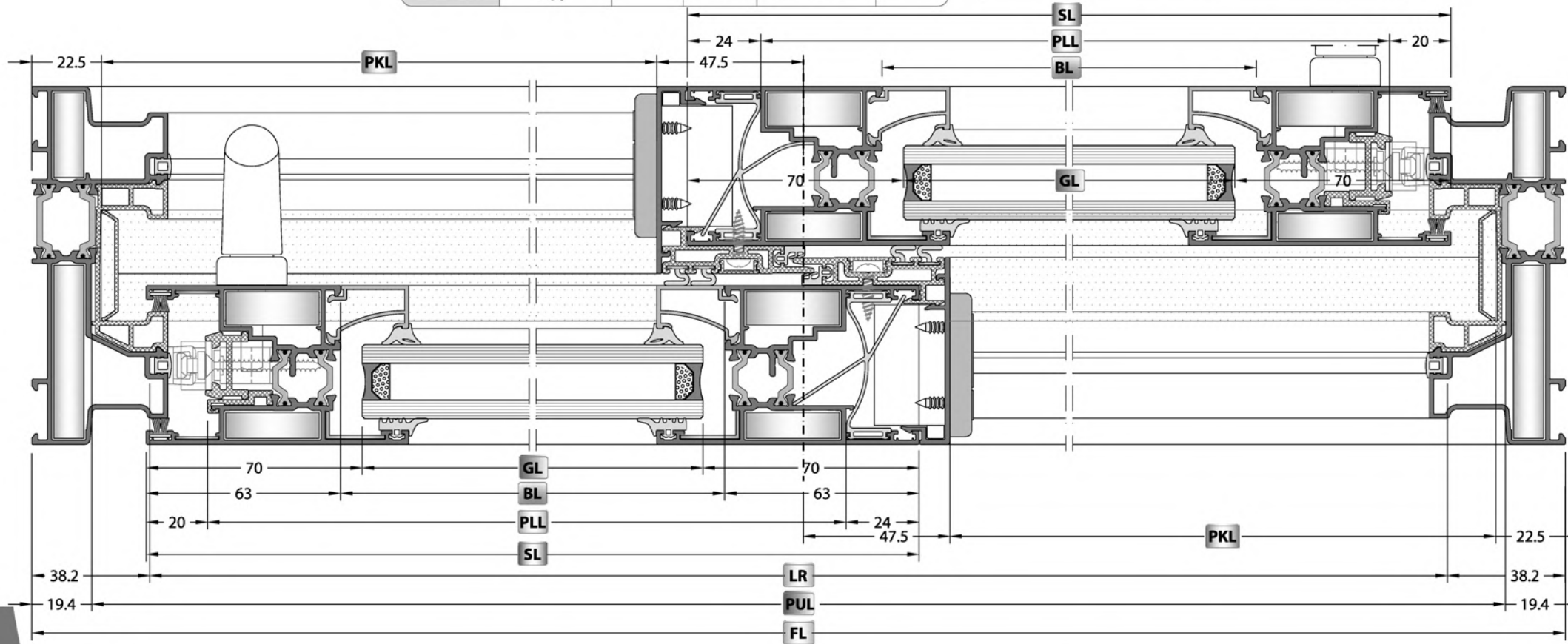
CORNER JOINTS / KÖŞE BAĞLANTILAR

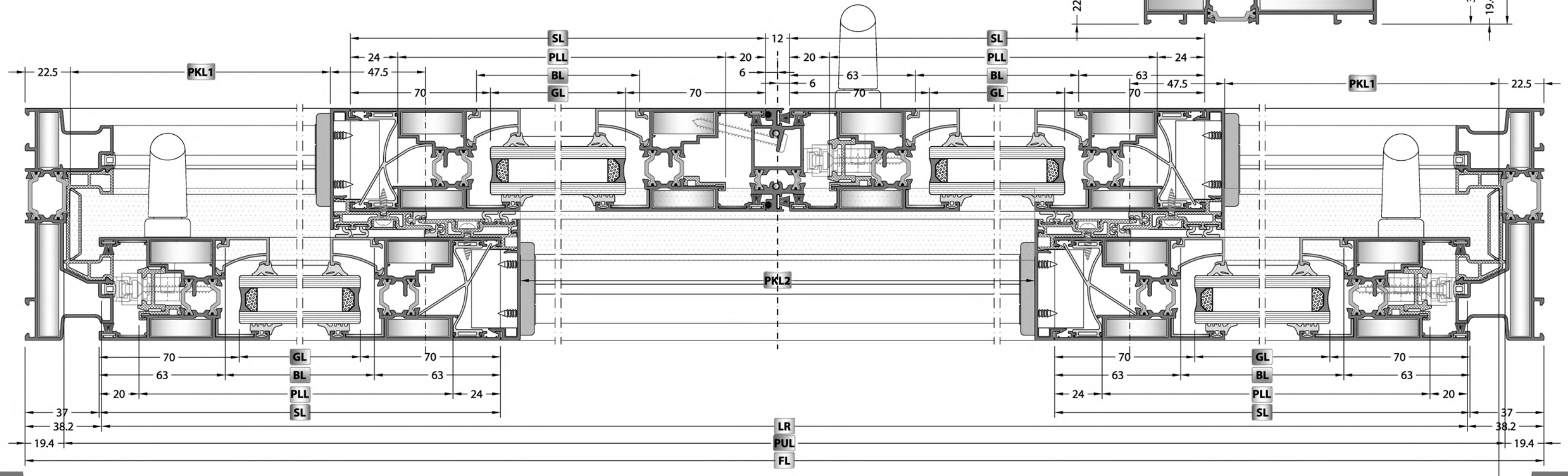
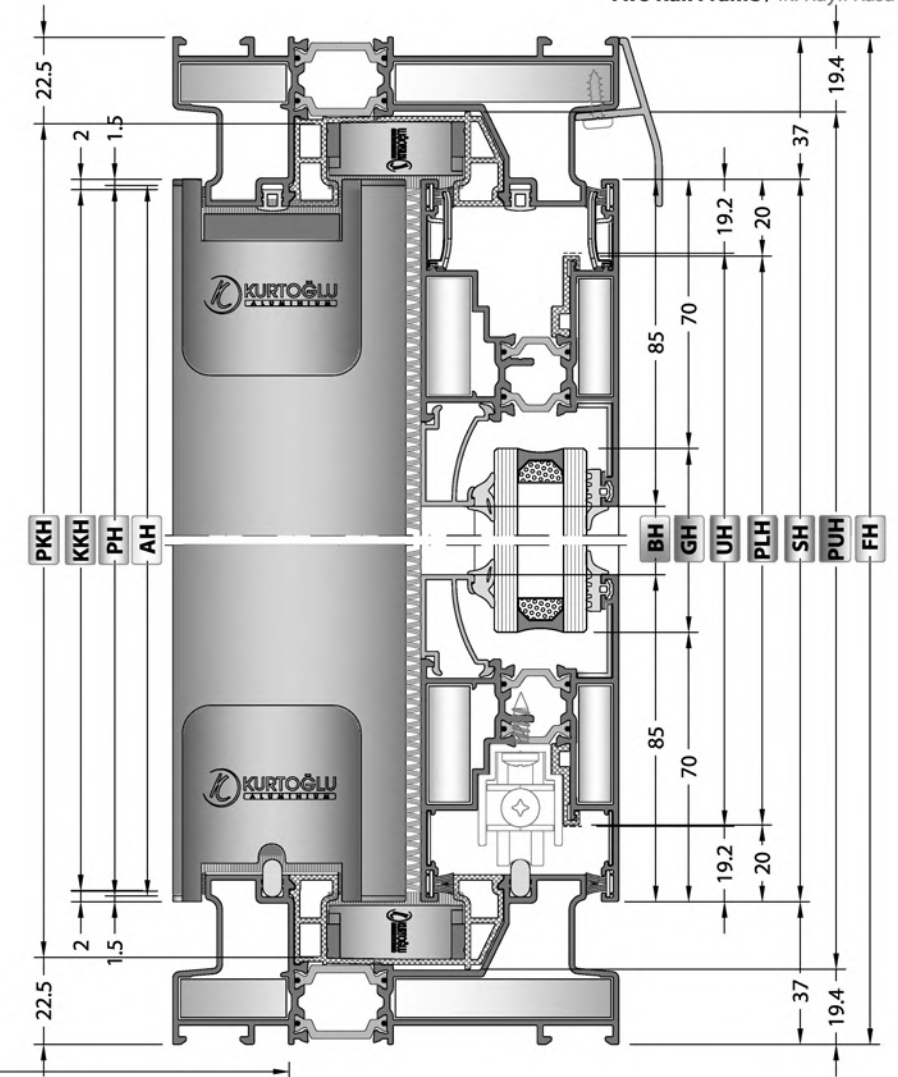
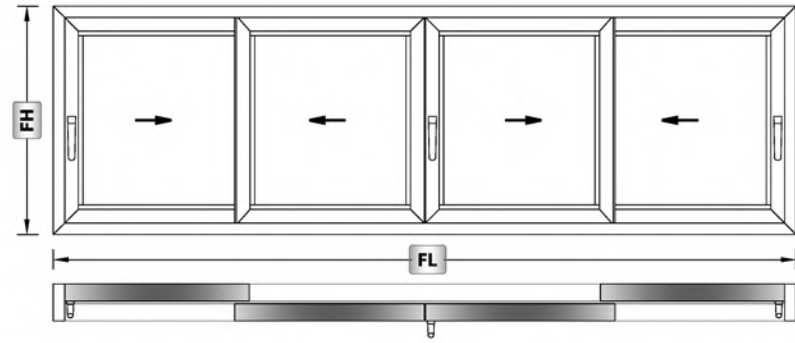
Code Kod	Quantity Miktar	Picture Resim
CC-101-28.1 Or / Yada KC-801-27.7	4 Pcs / Adet	
CC-101-56.7 Or / Yada KC-801-56.3	4 Pcs / Adet	
CC-104-09.0	8 Pcs / Adet	
CC-104-11.4	8 Pcs / Adet	
EM51LS-25	8 Pcs / Adet	
MK-20.1	16 Pcs / Adet	

CONSUMABLE MATERIALS / SARF MALZEMELER

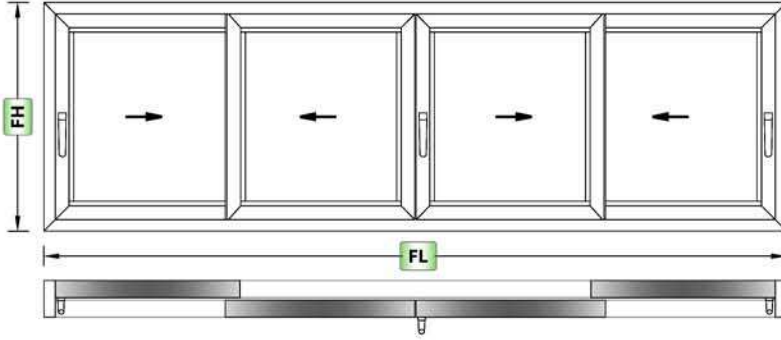
Code Kod	Description Açıklama	Quantity (pcs-m) Miktar (Paket)	Picture Resim
EM51SD-201	CLAMPING ACCESSORIES SET KENET AKSESUAR TAKIMI	2 Set / Takım	
EM51SD-32	WEATHER STRIP SET 2'Lİ KASA HAVA KESİCİ TAKIMI	1 Set / Takım	
EM51SD-72	PULLEY RULMAN	120 kg < 4 Pcs / Adet 200 kg < 8 Pcs / Adet	
EM51SD-08	SASH STABILITY PLASTIC KANAT DENGE PLASTİĞİ	Sash / Kanat ≤ 1500 mm if / ise 4 Pieces / Adet Sash / Kanat ≥ 1500 mm if / ise 6 Pieces / Adet	
EM70LS-09	DRAINAGE CAP TAHLİYE KAPAĞI	((FL/2)-350) / 650 + 1 Pcs / Adet	
EM70LS-10	DRAINAGE CAP TAHLİYE KAPAĞI	1 Pcs / Adet	
EM51LS-190	FRAME MONTAGE WEDGE KASA MONTAJ TAKOZU	((FL-2000) / 1000 + 1 Pcs / Adet	
EM51LS-1102	FRAME SEPARATOR KASA AYIRICI	1 Pcs / Adet	

Two Rail Frame / İki Raylı Kasa





STANDARD CLAMP / STANDART KENET



Please look at the assembly drawings for mechanical treatment.
Mekanik işlemler için lütfen uygulama detayları bölümüne bakınız.

GLASS / CAM

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		4 Pcs / Adet	GL = SL - 140
			GH = SH - 140

PROFILES / PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
51LS-102-00			2 Pcs / Adet	FL	-
			2 Pcs / Adet	FH	
51LS-201-00			8 Pcs / Adet	$SL = FL + \frac{64}{4}$	-
			8 Pcs / Adet	$SH = FH - 74$	
51LS-504-00			1 Pcs / Adet	$KKH = SH - 4$	✓
08-105-00			8 Pcs / Adet	$BL = SL - 126$	-
			8 Pcs / Adet	$BH = SH - 170$	
13-134-050R			2 Pcs / Adet	$LR = FL - 76.4$	-
51LS-501-00			4 Pcs / Adet	$AH = SH - 3$	✓
* 51LS-502-00			-	OPSİYONEL REINFORCE PART OPSİYONEL GÜÇLENDİRME PARÇASI	✓
51LS-520-00			1 Pcs / Adet	FL	✓

PLASTIC PROFILES / PLASTİK PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
EM51LS-102A			2 Pcs / Adet	$PUL = FL - 38.8$	-
			2 Pcs / Adet	$PUH = FH - 38.8$	
EM51LS-102B			4 Pcs / Adet	$PKL1 = SL - 70.5$	-
			2 Pcs / Adet	$PKL2 = (SL \times 2) - 158$	
			2 Pcs / Adet	$PKH = FH - 45$	
EM51LS-501A			4 Pcs / Adet	$PH = SH - 3$	✓
EM51LS-501B			4 Pcs / Adet	$PH = SH - 3$	-
EM51LS-200			4 Pcs / Adet	$PLL = SL - 44$	-
			4 Pcs / Adet	$PLL = SL - 44$	
			4 Pcs / Adet	$PLH = SH - 40$	
EM51LS-250			3 Pcs / Adet	$UH = SH - 47$	-

GASKETS / FİTİLLER

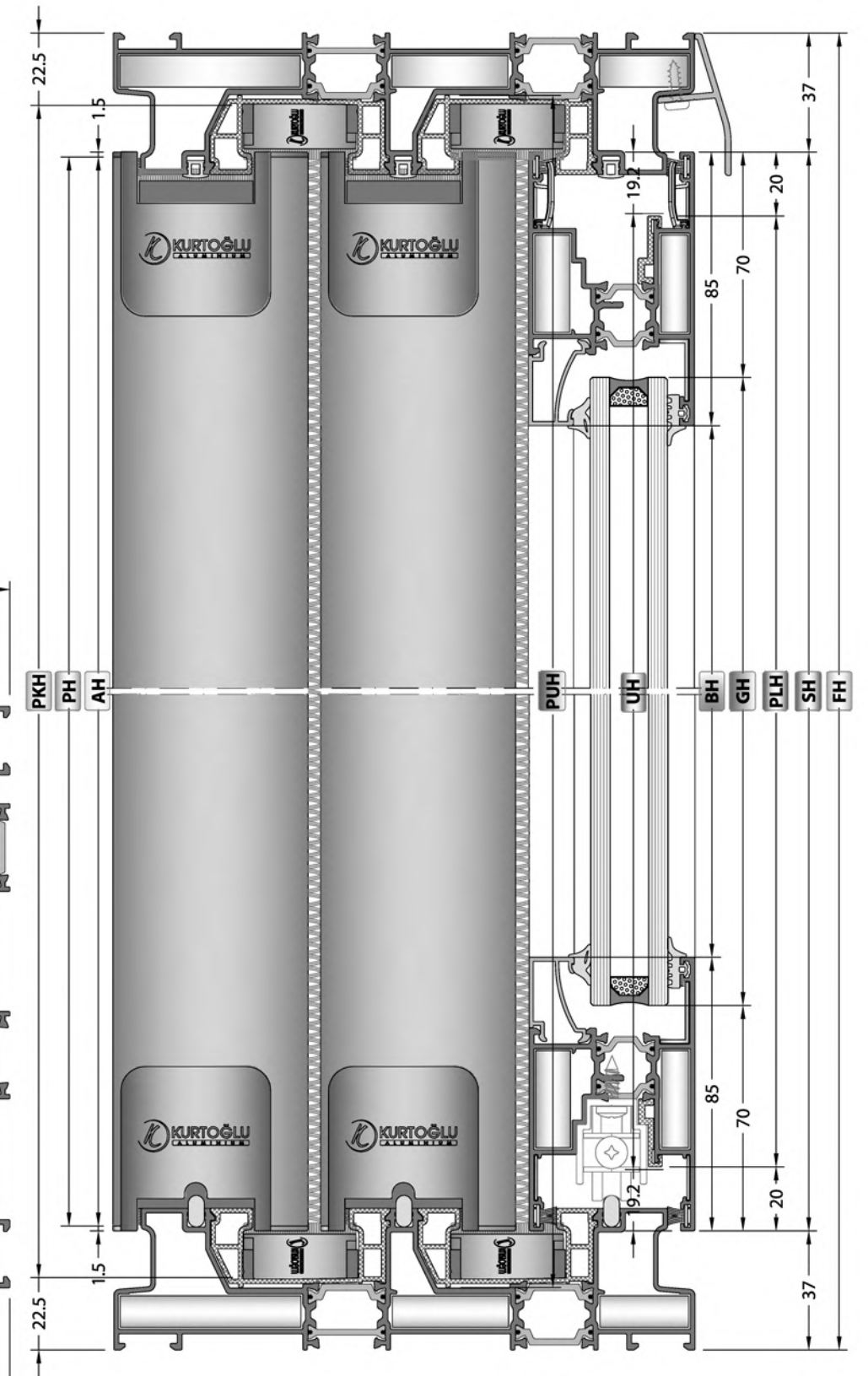
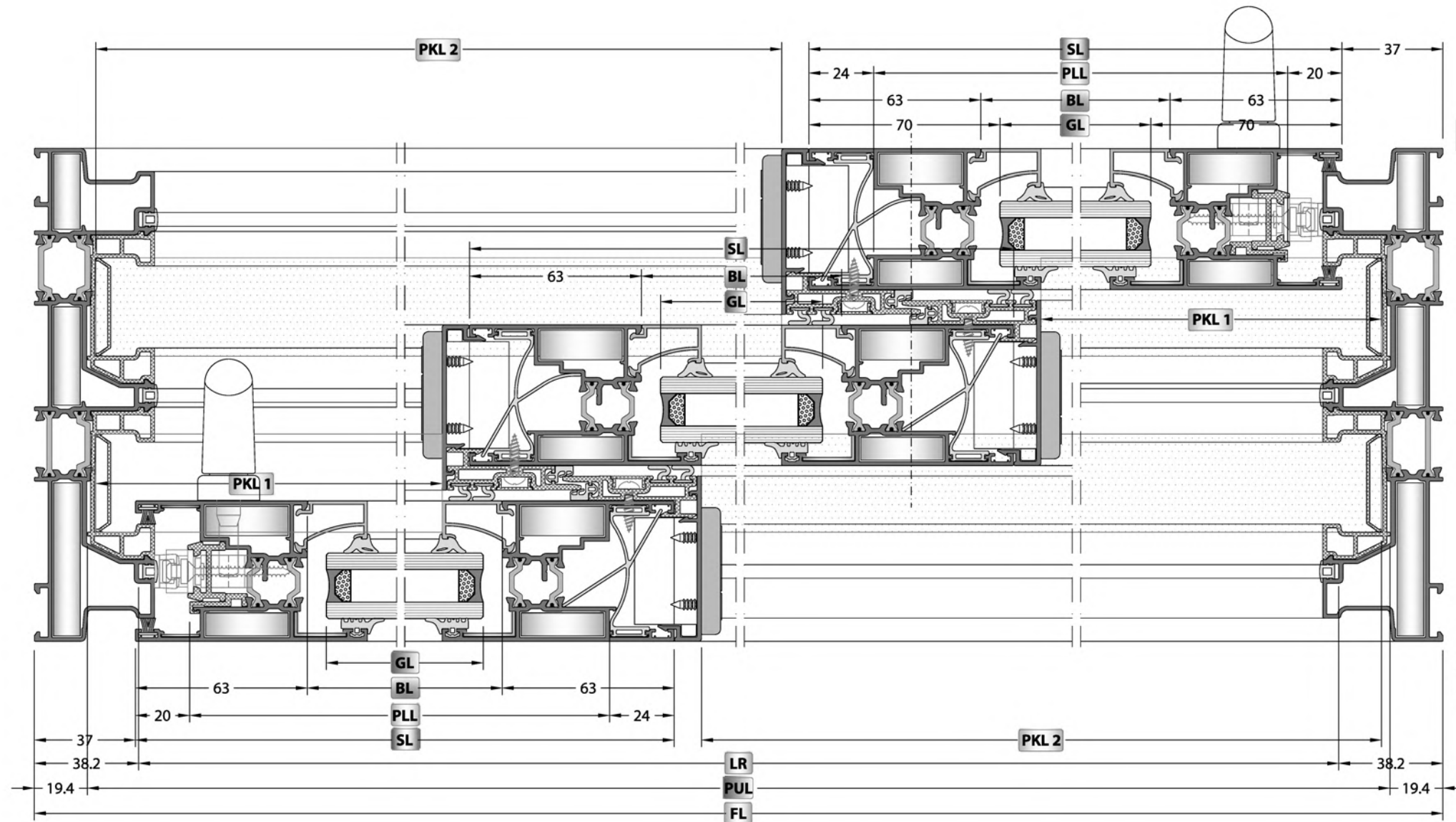
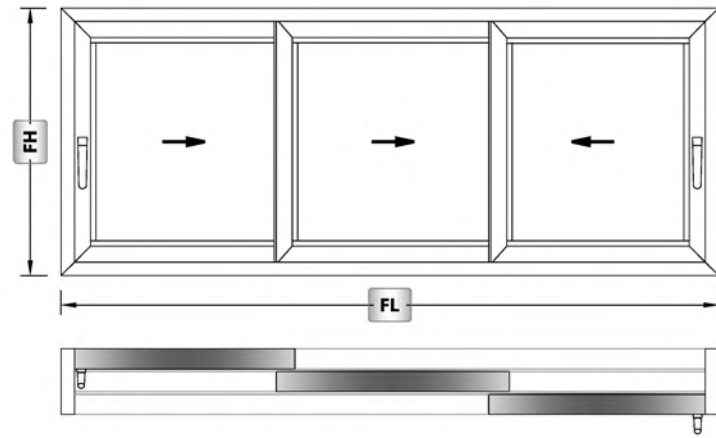
Code Kod	Quantity Miktar	Picture Resim
EM1-XX	8SL + 8SH	
EM2-03	8SL + 8SH	
EM51LS-02	4SH	
EM51LS-04	4SH	
EM45-05	2FL + 4FH	
EM51LS-11	8SH	
PB-7-800	16SL + 10SH	
O.RING-3 mm	2SH	

CORNER JOINTS / KÖŞE BAĞLANTILAR

Code Kod	Quantity Miktar	Picture Resim
CC-101-28.1 Or / Yada KC-801-27.7	4 Pcs / Adet	
CC-101-56.7 Or / Yada KC-801-56.3	4 Pcs / Adet	
CC-104-09.0	16 Pcs / Adet	
CC-104-11.4	16 Pcs / Adet	
EM51LS-25	16 Pcs / Adet	
MK-20.1	32 Pcs / Adet	

CONSUMABLE MATERIALS / SARF MALZEMELER

Code Kod	Description Açıklama	Quantity (pcs-m) Miktar (Paket)	Picture Resim
EM51SD-201	CLAMPING ACCESSORIES SET KENET AKSESUAR TAKIMI	4 Set / Takım	
EM51LS-504	CLAMPING ACCESSORIES SET KENET AKSESUAR TAKIMI	1 Set / Takım	
EM51SD-32	WEATHER STRIP SET 2'Lİ KASA HAVA KESİCİ TAKIMI	2 Set / Takım	
EM51SD-72	PULLEY RULMAN	120 kg < 8 Pcs / Adet 200 kg < 16 Pcs / Adet	
EM51SD-08	SASH STABILITY PLASTIC KANAT DENGELERİ PLASTİĞİ	Sash / Kanat < 1500 mm if / ise 4 Pieces / Adet Sash / Kanat ≥ 1500 mm if / ise 6 Pieces / Adet	
EM09-0001	SPILL / TAPA	(SH - 200) / 500 Pcs / Adet	
EM70LS-09	DRAINAGE CAP TAHLİYE KAPAĞI	((SLx2)-363) / 650 + 1 Pcs / Adet	
EM70LS-10	DRAINAGE CAP TAHLİYE KAPAĞI	2 Pcs / Adet	
EM51LS-190	FRAME MONTAGE WEDGE KASA MONTAJ TAKOZU	((FL-2000) / 1000) + 1 Pcs / Adet	
EM51LS-1102	FRAME SEPARATOR KASA AYIRICI	2 Pcs / Adet	



STANDARD CLAMP / STANDART KENET



Please look at the assembly drawings for mechanical treatment.

Mekanik işlemler için lütfen uygulama detayları bölümüne bakınız.

GLASS / CAM

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		3 Pcs / Adet	GL = SL - 140
			GH = SH - 140

PROFILES / PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
51LS-103-00			2 Pcs / Adet	FL	-
			2 Pcs / Adet	FH	
51LS-201-00			6 Pcs / Adet	$SL = \frac{FL + 76}{3}$	-
			6 Pcs / Adet	SH = FH - 74	
08-105-00			6 Pcs / Adet	BL = SL - 126	-
			6 Pcs / Adet	BH = SH - 170	
13-134-050R			3 Pcs / Adet	LR = FL - 76.4	-
51LS-501-00			4 Pcs / Adet	AH = SH - 3	✓
* 51LS-502-00			-	OPSİYONEL REINFORCE PART OPSİYONEL GÜÇLENDİRME PARÇASI	✓
51LS-520-00			1 Pcs / Adet	FL	✓

GASKETS / FİTİLLER

Code Kod	Quantity Miktar	Picture Resim
EM1-XX	6SL + 6SH	
EM2-03	6SL + 6SH	
EM51LS-02	4SH	
PB-7-800	12SL + 4SH	
EM51LS-04	4SH	
EM45-05	3FL + 6FH	
EM51LS-11	8SH	

CORNER JOINTS / KÖŞE BAĞLANTILAR

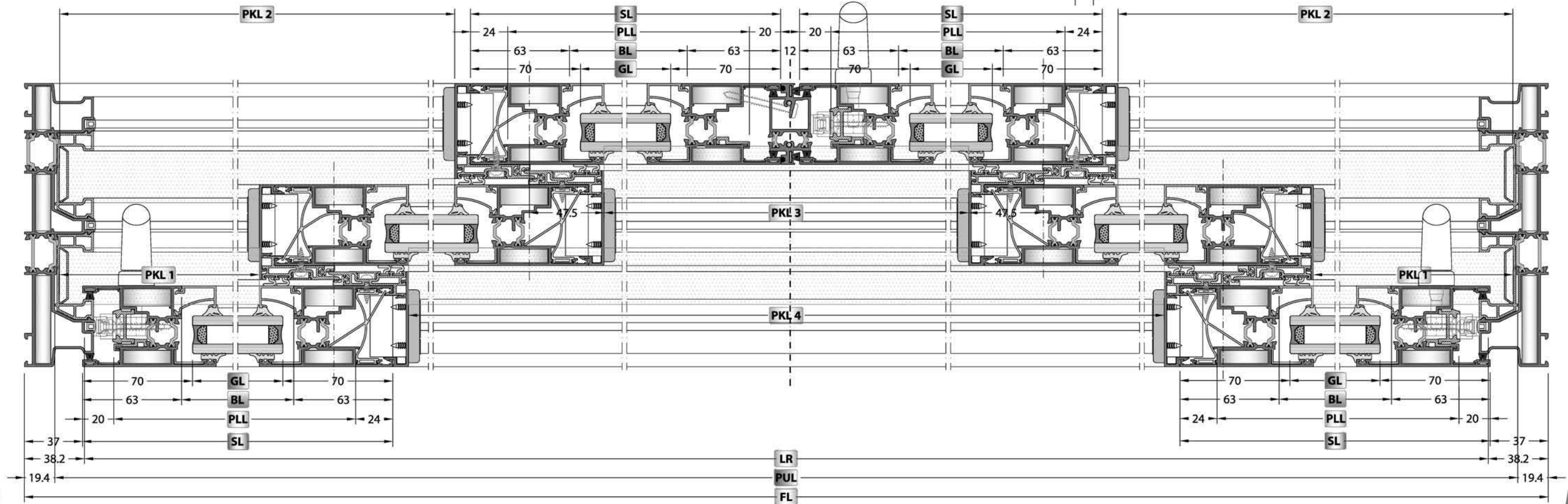
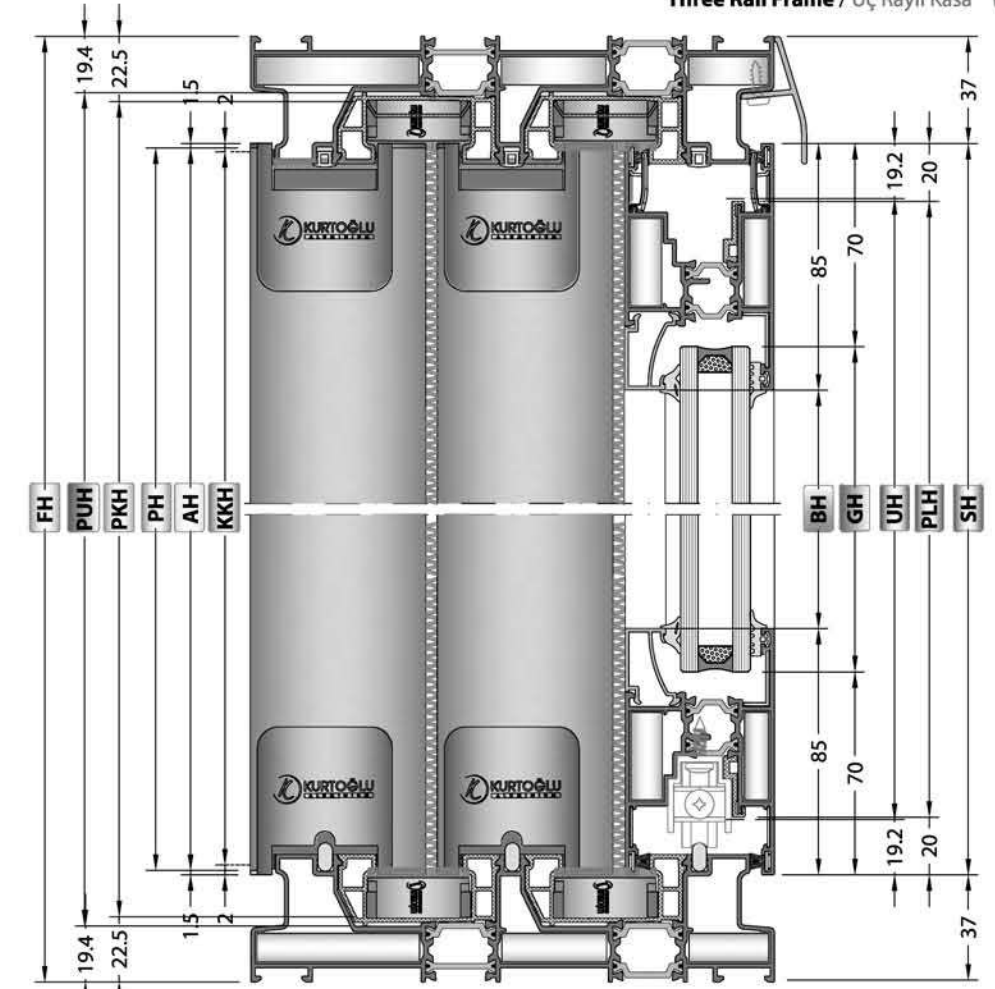
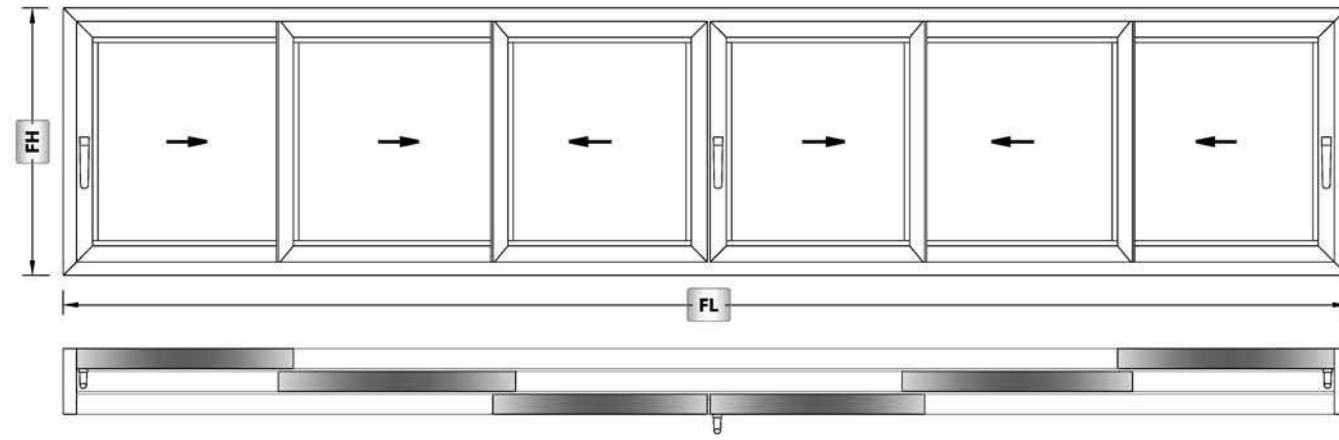
Code Kod	Quantity Miktar	Picture Resim
CC-101-28.1 Or / Yada KC-801-27.7	4 Pcs / Adet	
CC-101-36.7 Or / Yada KC-801-36.3	4 Pcs / Adet	
CC-101-56.7 Or / Yada KC-801-56.3	4 Pcs / Adet	
CC-104-09.0	12 Pcs / Adet	
CC-104-11.4	12 Pcs / Adet	
EM51LS-25	12 Pcs / Adet	
MK-20.1	24 Pcs / Adet	

PLASTIC PROFILES / PLASTİK PROFİLLER

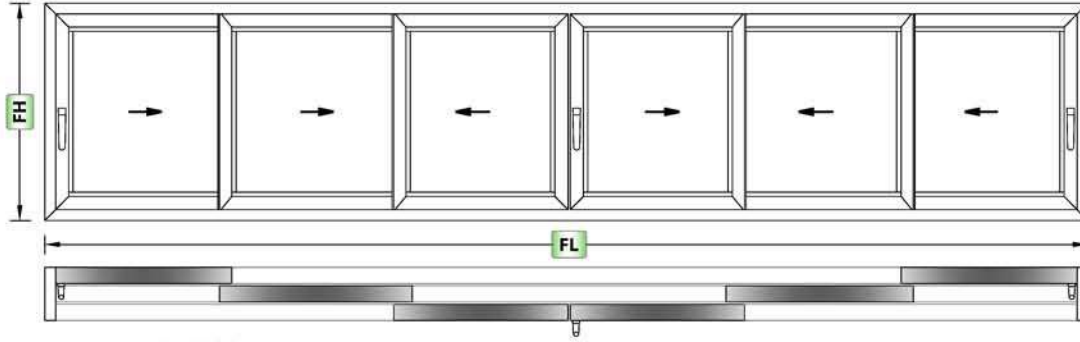
Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
EM51LS-102A			4 Pcs / Adet	PUL = FL - 38.8	-
			4 Pcs / Adet	PUH = FH - 38.8	
EM51LS-102B			4 Pcs / Adet	PKL 1 = SL - 70.5	-
			4 Pcs / Adet	PKL 2 = (SLx2) - 145.5	
			4 Pcs / Adet	PKH = FH - 45	
EM51LS-501A			4 Pcs / Adet	PH = SH - 3	✓
EM51LS-501B			4 Pcs / Adet	PH = SH - 3	-
EM51LS-200			3 Pcs / Adet	PLL = SL - 44	-
			3 Pcs / Adet	PLL = SL - 44	
			2 Pcs / Adet	PLH = SH - 40	
EM51LS-250			2 Pcs / Adet	UH = SH - 47	-

CONSUMABLE MATERIALS / SARF MALZEMELER

Code Kod	Description Açıklama	Quantity (pcs-m) Miktar (Paket)	Picture Resim
EM51SD-201	CLAMPING ACCESSORIES SET KENET AKSESUAR TAKIMI	4 Set / Takım	
EM51SD-32	WEATHER STRIP SET 2'LI KASA HAVA KESİCİ TAKIMI	2 Set / Takım	
EM51SD-72	PULLEY RULMAN	120 kg < 6 Pcs / Adet, 200 kg < 12 Pcs / Adet	
EM51SD-08	SASH STABILITY PLASTIC KANAT DENGİ PLASTİĞİ	Sash / Kanat Amount / Adet Sash / Kanat < 1500 mm if / use 4 Pieces / Adet Sash / Kanat > 1500 mm if / use 6 Pieces / Adet	
EM70LS-09	DRAINAGE CAP TAHLİYE KAPAĞI	((2SL-375) / 650) + 1 Pcs / Adet	
EM70LS-10	DRAINAGE CAP TAHLİYE KAPAĞI	1 Pcs / Adet	
EM51LS-190	FRAME MONTAGE WEDGE KASA MONTAJ TAKOZU	((FL-2000) / 1000) + 1 Pcs / Adet	
EM51LS-1102	FRAME SEPARATOR KASA AYIRICI	1 Pcs / Adet	



STANDARD CLAMP / STANDART KENET



GLASS / CAM

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		6 Pcs / Adet	GL = SL - 140 GH = SH - 140



Please look at the assembly drawings for mechanical treatment.
Mekanik işlemler için lütfen uygulama detayları bölümüne bakınız.

PROFILES / PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
51LS-103-00			2 Pcs / Adet	FL	-
			2 Pcs / Adet	FH	-
51LS-201-00			12 Pcs / Adet	$SL = \frac{FL + 214}{6}$	-
			12 Pcs / Adet	SH = FH - 74	-
51LS-504-00			1 Pcs / Adet	KKH = SH - 4	✓
08-105-00			12 Pcs / Adet	BL = SL - 126	-
			12 Pcs / Adet	BH = SH - 170	-
13-134-050R	0		3 Pcs / Adet	LR = FL - 76.4	-
51LS-501-00			8 Pcs / Adet	AH = SH - 3	✓
* 51LS-502-00			-	OPSİYONEL REINFORCE PART OPSİYONEL GÜÇLENDİRME PARÇASI	✓
51LS-520-00			1 Pcs / Adet	FL	✓

PLASTIC PROFILES / PLASTİK PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
EM51LS-102A			4 Pcs / Adet	PUL = FL - 38.8	-
			4 Pcs / Adet	PUH = FH - 38.8	-
EM51LS-102B			4 Pcs / Adet	PKL 1 = SL - 70.5	-
			4 Pcs / Adet	PKL 2 = (SLx2) - 145.5	-
			2 Pcs / Adet	PKL 3 = (SLx2)-158	-
			2 Pcs / Adet	PKL 4 = (SLx4)-308	-
			6 Pcs / Adet	PKH = FH - 45	-
EM51LS-501A			8 Pcs / Adet	PH = SH - 3	✓
EM51LS-501B			8 Pcs / Adet	PH = SH - 3	-
EM51LS-200			6 Pcs / Adet	PLL = SL - 44	-
			6 Pcs / Adet	PLL = SL - 44	-
			4 Pcs / Adet	PLH = SH - 40	-
EM51LS-250			3 Pcs / Adet	UH = SH - 47	-

GASKETS / FİTİLLER

Code Kod	Quantity Miktar	Picture Resim
EM1-XX	12SL + 12SH	
EM2-03	12SL + 12SH	
EM51LS-02	8SH	
EM51LS-04	8SH	
EM45-05	3FL + 6FH	
EM51LS-11	16SH	
PB-7-800	24SL + 10SH	
O.RING-3 mm	2SH	

CORNER JOINTS / KÖŞE BAĞLANTILAR

Code Kod	Quantity Miktar	Picture Resim
CC-101-28.1 Or / Yada KC-801-27.7	4 Pcs / Adet	
CC-101-36.7 Or / Yada KC-801-36.3	4 Pcs / Adet	
CC-101-56.7 Or / Yada KC-801-56.3	4 Pcs / Adet	
CC-104-09.0	24 Pcs / Adet	
CC-104-11.4	24 Pcs / Adet	
EM51LS-25	24 Pcs / Adet	
MK-20.1	48 Pcs / Adet	

CONSUMABLE MATERIALS / SARF MALZEMELER

Code Kod	Description Açıklama	Quantity (pcs-m) Miktar (Paket)	Picture Resim
EM51SD-201	CLAMPING ACCESSORIES SET KENET AKSESUAR TAKIMI	8 Set / Takım	
EM51LS-504	CLAMPING ACCESSORIES SET KENET AKSESUAR TAKIMI	1 Set / Takım	
EM51SD-32	WEATHER STRIP SET 2'LI KASA HAVA KESİCİ TAKIMI	4 Set / Takım	
EM51SD-72	PULLEY RULMAN	120 kg < 12 Pcs / Adet 200 kg < 24 Pcs / Adet	
EM51SD-08	SASH STABILITY PLASTIC KANAT DENGE PLASTİĞİ	Sash Ağırlığı Kanat Kodlu Sash / Kanat ≤ 1500 mm If / Use 4 Pieces / Adet Sash / Kanat ≥ 1500 mm If / Use 6 Pieces / Adet	
EM09-0001	SPILL / TAPA	(SH - 200) / 500 Pcs / Adet	
EM70LS-09	DRAINAGE CAP TAHLİYE KAPAĞI	((45L-513) / 650) + 1 Pcs / Adet	
EM70LS-10	DRAINAGE CAP TAHLİYE KAPAĞI	2 Pcs / Adet	
EM51LS-190	FRAME MONTAGE WEDGE KASA MONTAJ TAKOZU	((FL-2000) / 1000) + 1 Pcs / Adet	
EM51LS-1102	FRAME SEPARATOR KASA AYIRICI	2 Pcs / Adet	

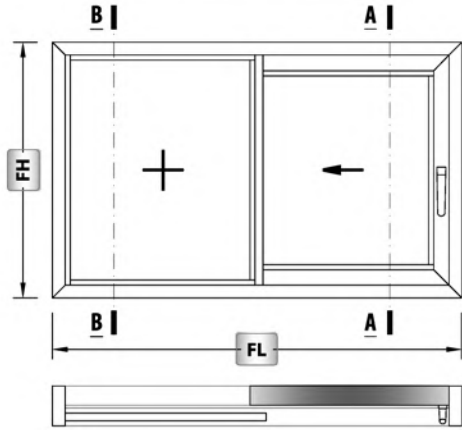
CUTTING SIZE / KESİM ÖLÇÜLERİ

SLIDE / SÜRME

NARROW CLAMP / DAR KENET

Single Rail Frame / Tek Raylı Kasa

FIXED FRAME / SABİTLİ KASA



Please look at the assembly drawings for mechanical treatment.
Mekanik işlemler için lütfen uygulama detayları bölümüne bakınız.

FIXED SIDE GLASS / SABİT KISIM CAMI

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		1 Pcs / Adet	GL2 = $\frac{FL}{2}$ - 40.8 GH2 = FH - 61.6

SASH GLASS / KANAT CAMI

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		1 Pcs / Adet	GL1 = SL - 79.5 GH1 = SH - 140

PROFILES / PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
51LS-101-00			2 Pcs / Adet	FL	-
51LS-201-00			2 Pcs / Adet	SL = $\frac{FL-75}{2}$	✓
51LS-211-00			1 Pcs / Adet	SH = FH - 74	-
51LS-211-00			1 Pcs / Adet	MH = FH - 42.6	✓
51LS-211-00			1 Pcs / Adet	ZH = SH - 19.4	✓
08-105-00			2 Pcs / Adet	BL = SL - 65.5	-
08-105-00			2 Pcs / Adet	BH = SH - 170	-
08-105-00			2 Pcs / Adet	CL = $\frac{FL}{2}$ - 26.8	-
08-105-00			2 Pcs / Adet	CH = FH - 91.6	-
13-134-050R			1 Pcs / Adet	LR = FL - 76.4	-
51LS-401-00			2 Pcs / Adet	TL = $\frac{FL}{2}$ - 48.8	✓
51LS-413-00			1 Pcs / Adet	OH = FH - 105.6	-
51LS-501-00			1 Pcs / Adet	AH = SH - 19.4	✓
51LS-501-00			1 Pcs / Adet	KH = FH - 47.6	✓
* 51LS-502-00			-	OPSIONEL REINFORCE PART OPSİYONEL GÜÇLENDİRME PARÇASI	✓
51LS-520-00			1 Pcs / Adet	FL	✓

PLASTIC PROFILES / PLASTİK PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
EM51LS-511			1 Pcs / Adet	PH = SH - 3 NH = FH - 91.6	✓
EM51LS-200			1 Pcs / Adet	PLL = SL - 20	-
EM51LS-200			1 Pcs / Adet	PLL = SL - 20	-
EM51LS-200			1 Pcs / Adet	PLH = SH - 40	-
EM51LS-250			1 Pcs / Adet	UH = SH - 47	-

GASKETS / FİTİLLER

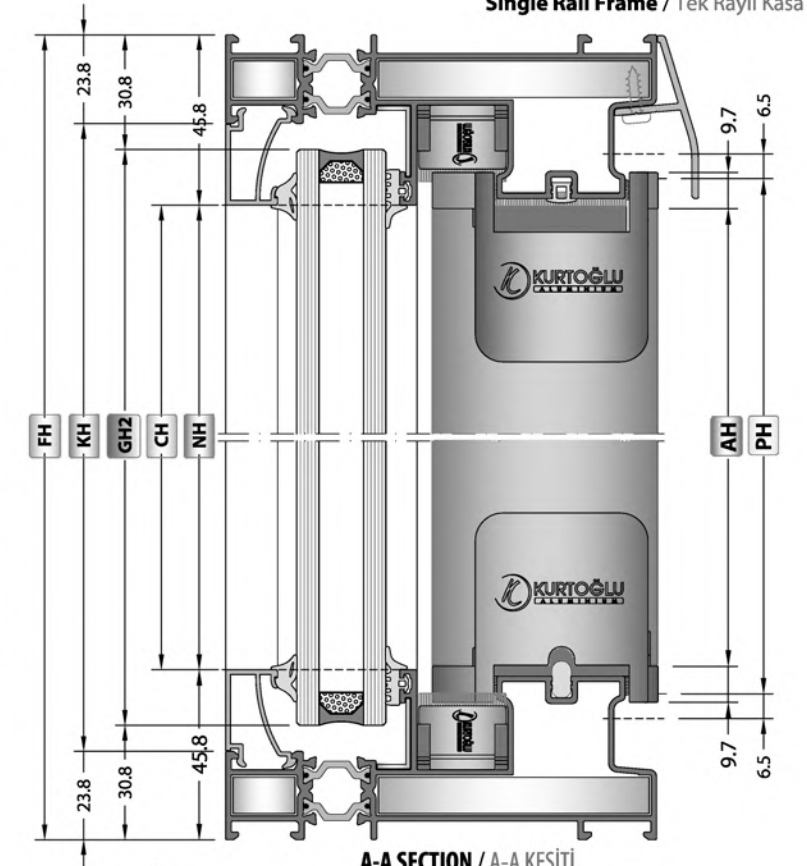
Code Kod	Quantity Miktar	Picture Resim
EM1-XX	2SL+2SH+FL+2FH	
EM2-03	2SL+2SH+FL+2FH	
EM51LS-05	2SH	
EM70LS-05	2SL + 1SH	
EM45-05	FL+2FH	
EM51LS-11	4SH	
PB-7-800	6SL + 3SH	

CORNER JOINTS / KÖŞE BAĞLANTILAR

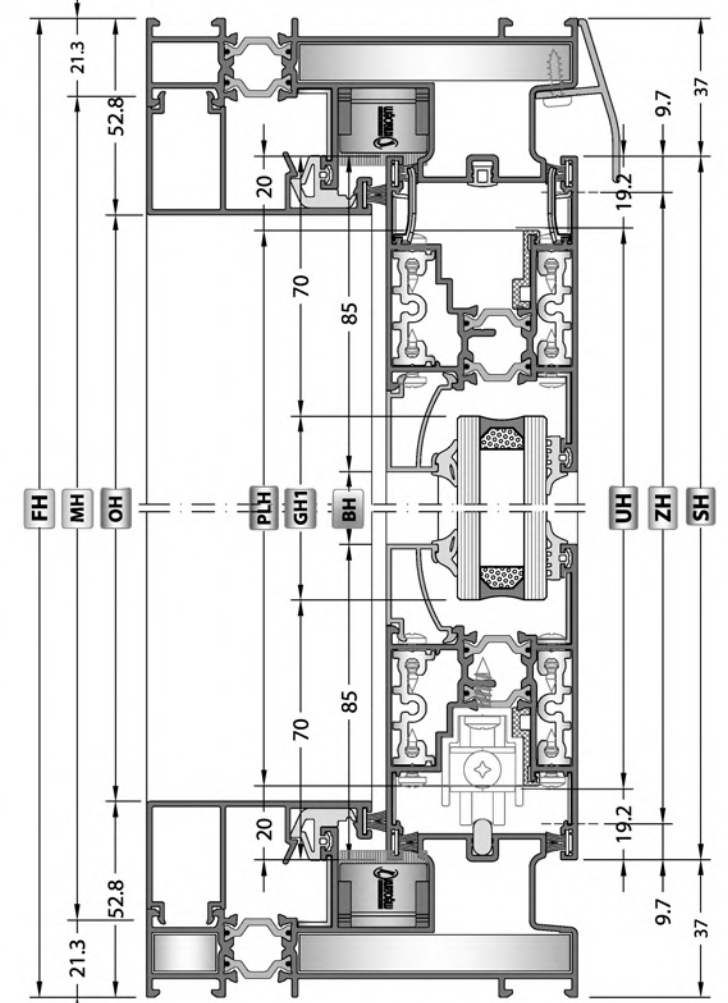
Code Kod	Quantity Miktar	Picture Resim
CC-101-17.3 Or / Yada KC-801-16.9	4 Pcs / Adet	
CC-101-73.6 Or / Yada KC-801-73.1	4 Pcs / Adet	
CC-104-09.0	2 Pcs / Adet	
CC-104-11.4	2 Pcs / Adet	
EM51LS-25	6 Pcs / Adet	
MK-20.1	4 Pcs / Adet	
CA51-911-18.5	1 Set / Takım	
CA51-912-16.9	1 Set / Takım	
CA51-913-50.0	2 Set / Takım	

CONSUMABLE MATERIALS SARF MALZEMELER

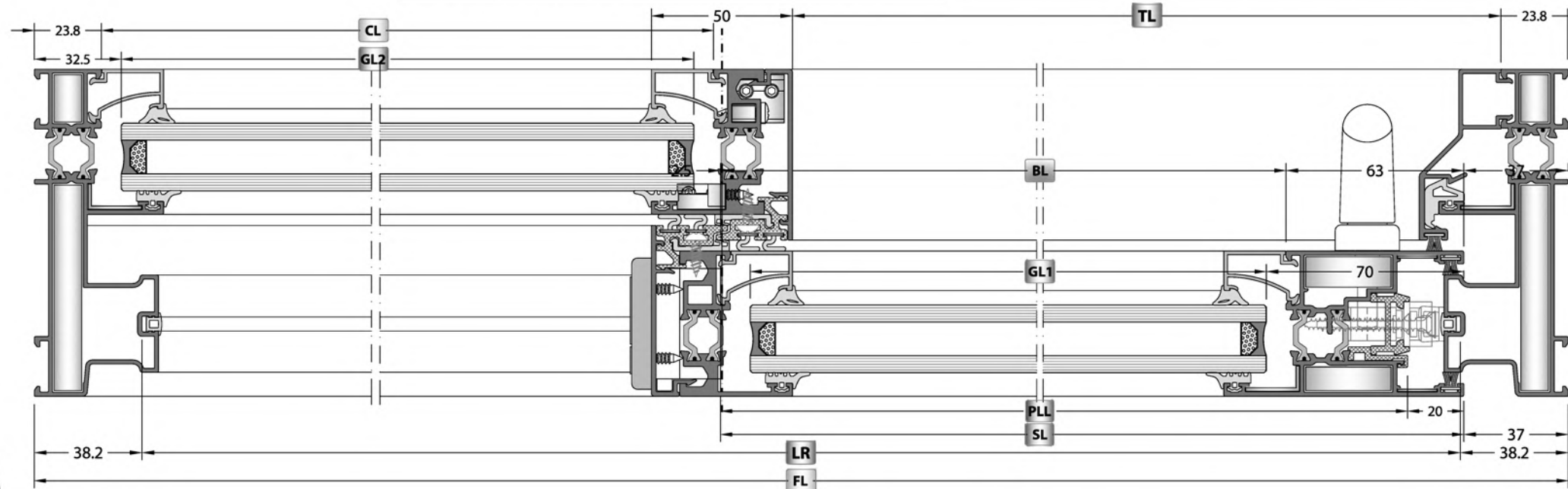
Code Kod	Description Açıklama	Quantity (pcs-m) Miktar (Paket)	Picture Resim
EM51SD-212	NARROW CLAMPING ACCESSORIES SET (OUTSIDE) DAR KENET AKSESUAR TAKIMI (DIŞ)	1 Set / Takım	
EM51SD-31	FIXED WEATHER STRIP SET SABİTLİ HAVA KESİCİ TAKIMI	1 Set / Takım	
EM51SD-72	PULLEY RULMAN	120 kg < 2 Pcs / Adet 200 kg < 4 Pcs / Adet	
EM51SD-08	SASH STABILITY PLASTIC KANAT DENGE PLASTİĞİ	Sash / Kanat: ≤1500 mm W / İse 4 Pieces / Adet Sash / Kanat: ≥1500 mm W / İse 6 Pieces / Adet	
EM70LS-09	DRAINAGE CAP TAHLİYE KAPAĞI	((FL/2)-350) / 650 + 1 Pcs / Adet	
EM70LS-10	DRAINAGE CAP TAHLİYE KAPAĞI	1 Pcs / Adet	
EM51LS-190	FRAME MONTAGE WEDGE KASA MONTAJ TAKOZU	((FL-2000) / 1000)+1 Pcs / Adet	
EM51LS-1101	FRAME SEPARATOR KASA AYIRICI	1 Pcs / Adet	



A-A SECTION / A-A KESİTİ

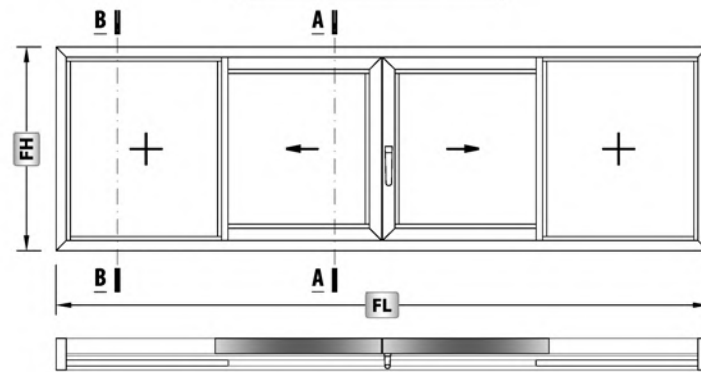


B-B SECTION / B-B KESİTİ



NARROW CLAMP / DAR KENET

Single Rail Frame / Tek Raylı Kasa



Please look at the assembly drawings for mechanical treatment.
Mekanik işlemler için lütfen uygulama detayları bölümüne bakınız.

FIXED SIDE GLASS / SABİT KISIM CAMI

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		2 Pcs / Adet	GL2 = $\frac{FL}{4}$ - 40.8
			GH2 = FH - 61.6

SASH GLASS / KANAT CAMI

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		2 Pcs / Adet	GL1 = SL - 79.5
			GH1 = SH - 140

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
51LS-101-00		 	2 Pcs / Adet	FL	-
			2 Pcs / Adet	FH	
51LS-201-00			4 Pcs / Adet	$SL = \frac{FL}{4} - 6.5$	-
			2 Pcs / Adet	$SH = FH - 74$	-
51LS-211-00			1 Pcs / Adet	$MH = FH - 42.6$	✓
			2 Pcs / Adet	$ZH = SH - 19.4$	
08-105-00			4 Pcs / Adet	$BL = SL - 65.5$	-
			4 Pcs / Adet	$BH = SH - 170$	
			4 Pcs / Adet	$CL = \frac{FL}{4} - 26.8$	
			4 Pcs / Adet	$CH = FH - 91.6$	
13-134-050R			1 Pcs / Adet	$LR = FL - 76.4$	-
51LS-504-00			1 Pcs / Adet	$KKH = SH - 4$	✓
51LS-501-00			1 Pcs / Adet	$AH = SH - 19.4$	✓
			1 Pcs / Adet	$KH = FH - 47.6$	
51LS-401-00			2 Pcs / Adet	$TL = (FL/2) - 50$	✓
51LS-413-00			1 Pcs / Adet	$OH = FH - 105.6$	-
* 51LS-502-00			-	OPSİYONEL REINFORCE PART OPSİYONEL GÜÇLENDİRME PARÇASI	✓
51LS-520-00			1 Pcs / Adet	FL	✓

PLASTIC PROFILES / PLASTİK PROFİLLER

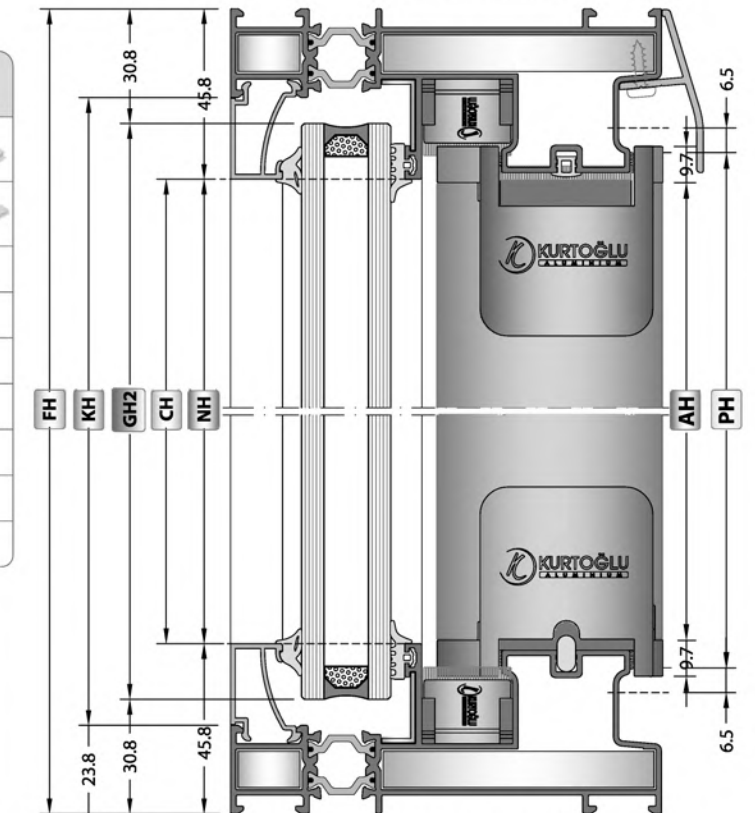
Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
EM51LS-511			2 Pcs / Adet	PH = SH - 3	✓
			2 Pcs / Adet	NH = FH - 91.6	
EM51LS-200			2 Pcs / Adet	PLL = SL - 20	-
			2 Pcs / Adet	PLL = SL - 20	
			2 Pcs / Adet	PLH = SH - 40	
EM51LS-250			1 Pcs / Adet	UH = SH - 47	-

Code Kod	Quantity Miktar	Picture Resim
EM1-XX	8SL+8SH	
EM2-03	8SL+8SH	
EM51LS-05	4SH	
EM70LS-05	4SL	
EM45-05	FL+2FH	
EM51LS-11	8SH	
PB-7-800	12SL + 6SH	
O.RING-3 mm	2SH	

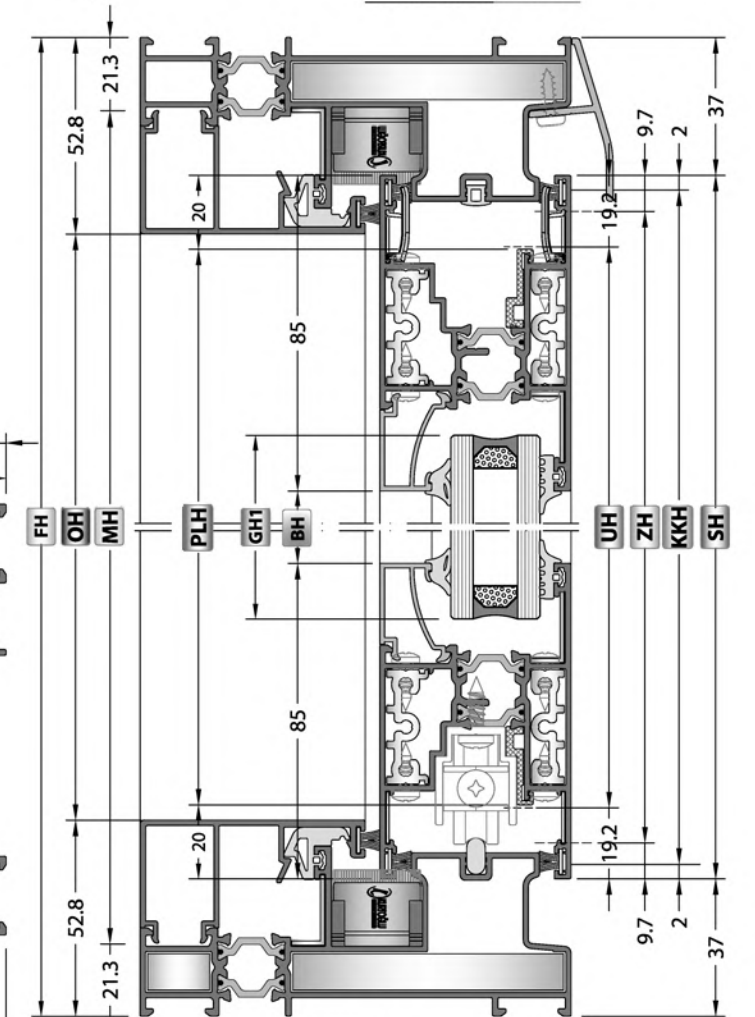
CONSUMABLE MATERIALS

Code Kod	Description Açıklama	Quantity (pcs-m) Miktar (Paket)	Picture Resim
EM51SD-212	NARROW CLAMPING ACCESSORIES SET (OUTSIDE) DAR KENET AKSESUAR TAKIMI (DİŞİ)	2 Set / Takım	
EM51LS-504	CLAMPING ACCESSORIES SET KENET AKSESUAR TAKIMI	1 Set / Takım	
EM51SD-31	NARROW CLAMPING WEATHER STRIP SET SABİTLİ KASA DAR KENET HAVA KESİCİ TAKIMI	2 Set / Takım	
EM51SD-72	PULLEY RULMAN	120 kg < 4 Pcs / Adet 200 kg < 8 Pcs / Adet	
EM51SD-08	SASH STABILITY PLASTIC KANAT DENGECİ PLASTİĞİ	Sash Amount Added Sash / Kanat <1500 mm İf / İse 4 Pieces / Adet Sash / Kanat >1500 mm İf / İse 6 Pieces / Adet	
EM09-0001	SPILL / TAPA	(SH - 200) / 500 Pcs / Adet	
EM70LS-09	DRAINAGE CAP TAHLİYE KAPAGI	2* (((FL/4)-350) / 650) + 1 Pcs / Adet	
EM70LS-10	DRAINAGE CAP TAHLİYE KAPAGI	1 Pcs / Adet	
EM51LS-190	FRAME MONTAGE WEDGE KASA MONTAJ TAKOZU	((FL-2000) / 1000) +1 Pcs / Adet	
EM51LS-1101	FRAME SEPARATOR KASA AYIRICI	2 Pcs / Adet	

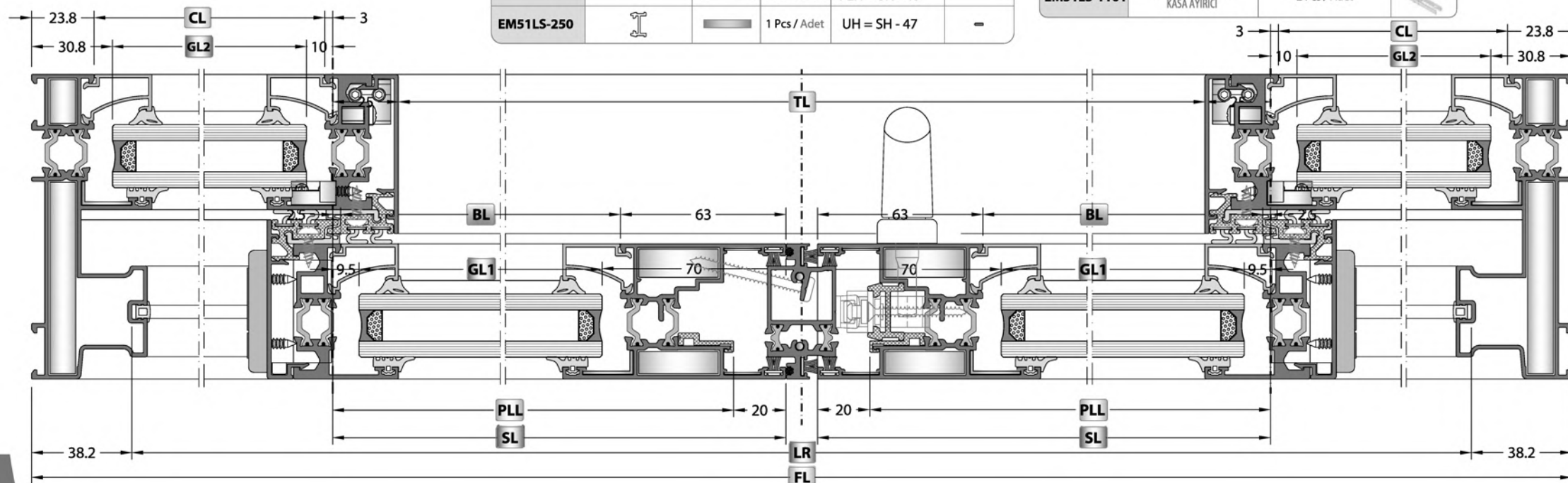
Code Kod	Quantity Miktar	Picture Resim
CC-101-17.3 Or / Yada KC-801-16.9	4 Pcs / Adet	
CC-101-73.6 Or / Yada KC-801-73.1	4 Pcs / Adet	
CC-104-09.0	4 Pcs / Adet	
CC-104-11.4	4 Pcs / Adet	
EM51LS-25	8 Pcs / Adet	
MK-20.1	8 Pcs / Adet	
CA51-911-18.5	2 Set / Takım	
CA51-912-16.9	2 Set / Takım	
CA51-913-50.0	4 Set / Takım	

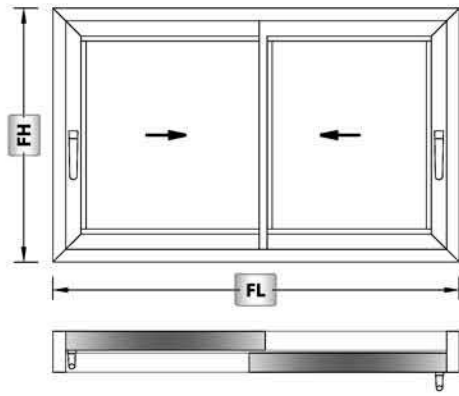


A-A SECTION / A-A KESİTİ



B-B SECTION / B-B KESİTİ





✓ Please look at the assembly drawings for mechanical treatment.
Mekanik işlemler için lütfen uygulama detayları bölümüne bakınız.

GLASS / CAM

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		2 Pcs / Adet	GL = SL - 79.5 GH = SH - 140

PROFILES / PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
51LS-102-00			2 Pcs / Adet	FL	-
			2 Pcs / Adet	FH	-
51LS-201-00			4 Pcs / Adet	SL = FL - 75	✓
			2 Pcs / Adet	SH = FH - 74	-
51LS-211-00			2 Pcs / Adet	ZH = SH - 19.4	✓
08-105-00			4 Pcs / Adet	BL = SL - 65.5	-
			4 Pcs / Adet	BH = SH - 170	-
13-134-050R			2 Pcs / Adet	LR = FL - 76.4	-
51LS-501-00			2 Pcs / Adet	AH = SH - 19.4	✓
* 51LS-502-00			-	OPSIONEL REINFORCE PART OPSİYONEL GÜÇLENDİRME PARÇASI	✓
51LS-520-00			1 Pcs / Adet	FL	✓

PLASTIC PROFILES / PLASTİK PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
EM51LS-102A			2 Pcs / Adet	PUL = FL - 38.8	-
			2 Pcs / Adet	PUH = FH - 38.8	-
EM51LS-102B			4 Pcs / Adet	PKL = FL - 47.5	-
			2 Pcs / Adet	PKH = FH - 45	-
EM51LS-511			2 Pcs / Adet	PH = SH - 3	✓
EM51LS-200			2 Pcs / Adet	PLL = SL - 20	-
			2 Pcs / Adet	PLL = SL - 20	-
			2 Pcs / Adet	PLH = SH - 40	-
EM51LS-250			2 Pcs / Adet	UH = SH - 47	-

GASKETS / FİTİLLER

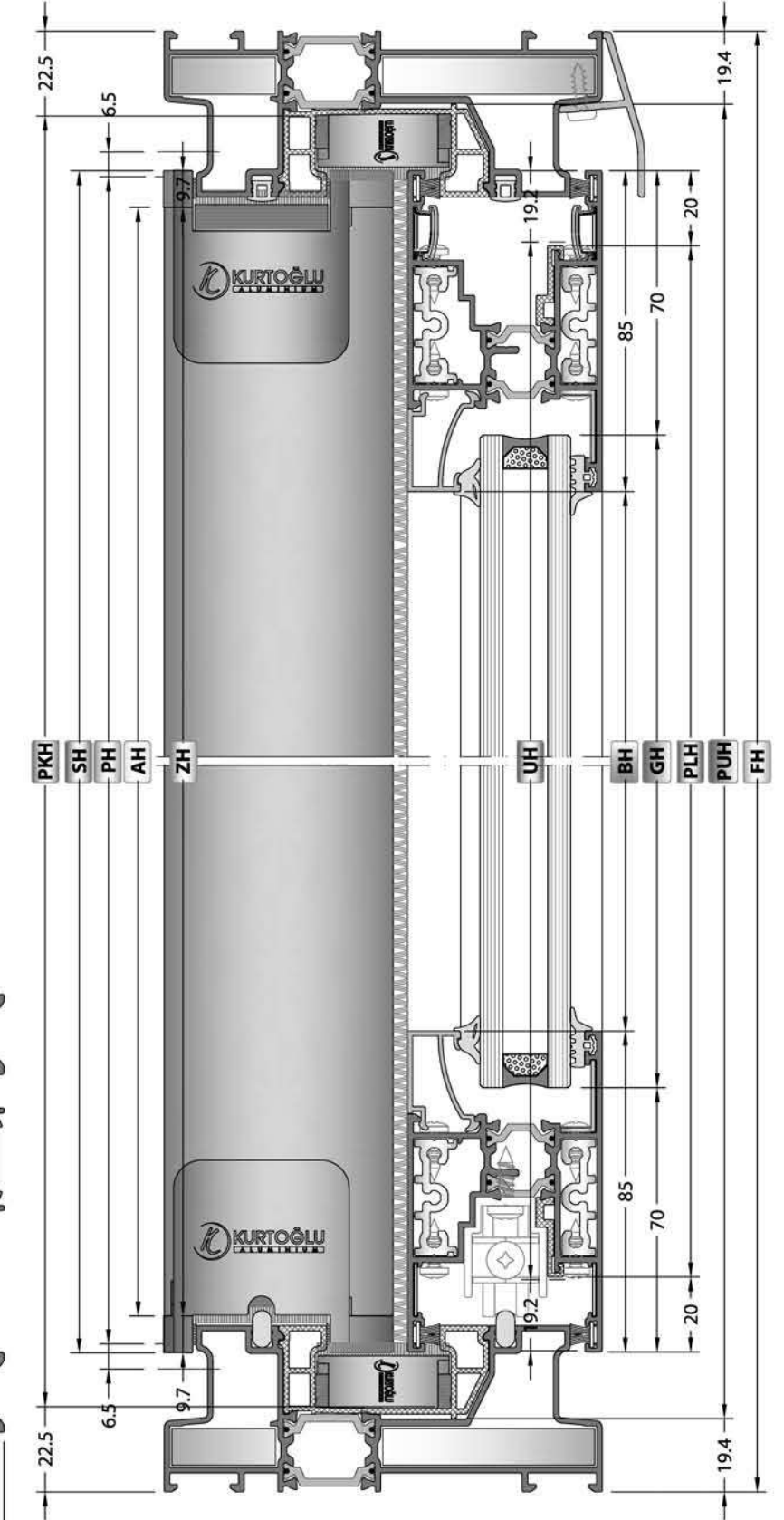
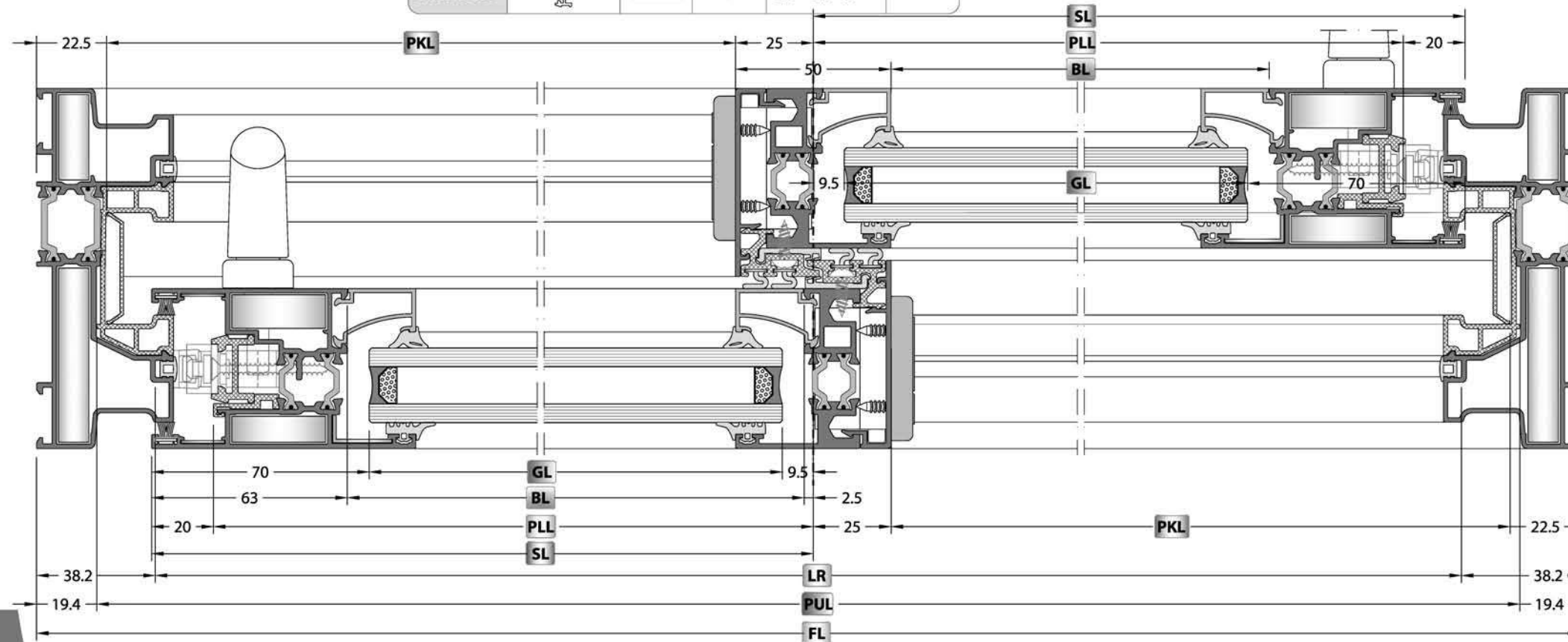
Code Kod	Quantity Miktar	Picture Resim
EM1-XX	4SL+4SH	
EM2-03	4SL+4SH	
EM51LS-05	2SH	
EM45-05	2FL + 4FH	
EM51LS-11	4SH	
PB-7-800	8SL + 4SH	

CONSUMABLE MATERIALS
SARF MALZEMELER

Code Kod	Description Açıklama	Quantity (pcs-m) Miktar (Paket)	Picture Resim
EM51SD-212	NARROW CLAMPING ACCESSORIES SET	1 Set / Takım	
EM51SD-213	DAR KENET AKSESUAR TAKIMI	1 Set / Takım	
EM51SD-32	NARROW CLAMPING WEATHER STRIP SET	1 Set / Takım	
EM51SD-72	PULLEY RULMAN	120 kg < 4 Pcs / Adet 200 kg < 8 Pcs / Adet	
EM51SD-08	SASH STABILITY PLASTIC KANAT DENGİ PLASTİĞİ	Sash / Kanat < 1500 mm İf / İne 4 Pieces / Adet Sash / Kanat > 1500 mm İf / İne 6 Pieces / Adet	
EM70LS-09	DRAINAGE CAP TAHLİYE KAPAGI	((FL/2)-350) / 650 + 1 Pcs / Adet	
EM70LS-10	DRAINAGE CAP TAHLİYE KAPAGI	1 Pcs / Adet	
EM51LS-190	FRAME MONTAGE WEDGE KASA MONTAJ TAKOZU	((FL-2000) / 1000) + 1 Pcs / Adet	
EM51LS-1102	FRAME SEPARATOR KASA AYIRICI	1 Pcs / Adet	

CORNER JOINTS / KÖŞE BAĞLANTILAR

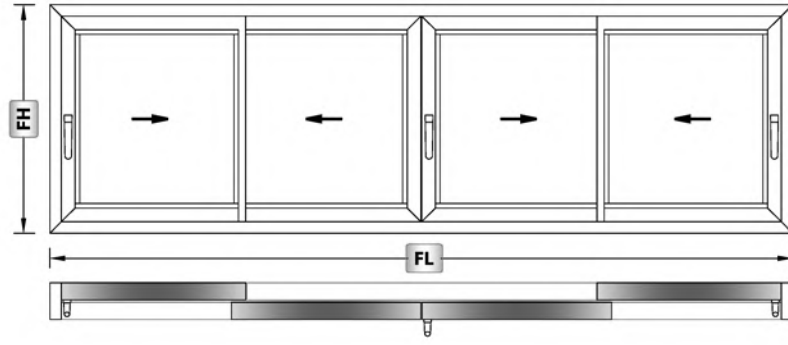
Code Kod	Quantity Miktar	Picture Resim
CC-101-28.1 Or / Yada KC-801-27.7	4 Pcs / Adet	
CC-101-56.7 Or / Yada KC-801-56.3	4 Pcs / Adet	
CC-104-09.0	4 Pcs / Adet	
CC-104-11.4	4 Pcs / Adet	
EM51LS-25	4 Pcs / Adet	
MK-20.1	8 Pcs / Adet	
CA51-913-50.0	4 Set / Takım	



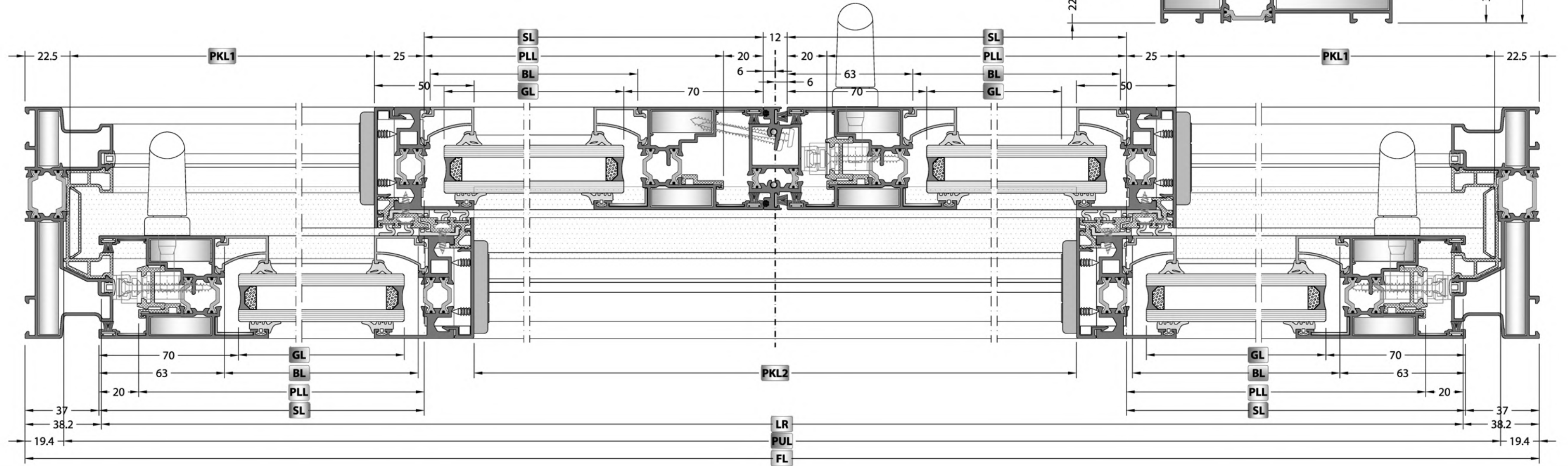
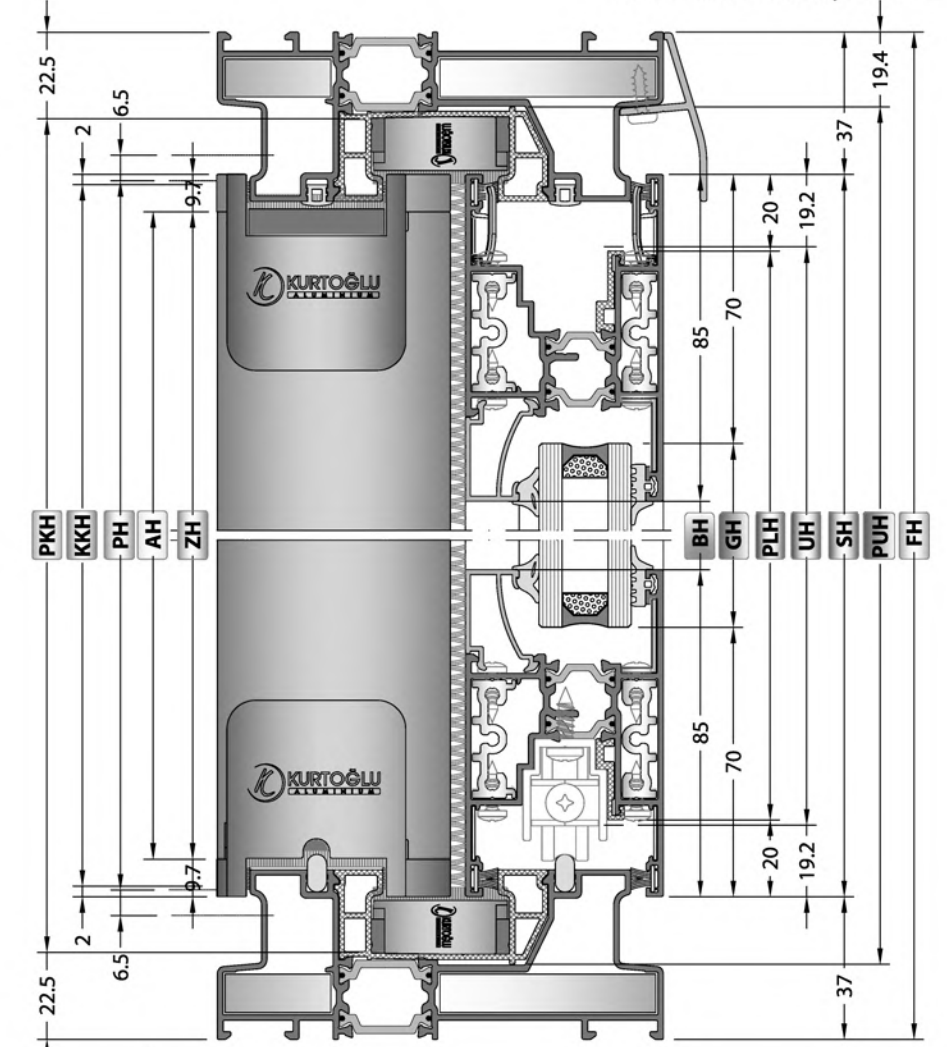
CUTTING SIZE / KESİM ÖLÇÜLERİ

SLIDE / SÜRME

NARROW CLAMP / DAR KENET

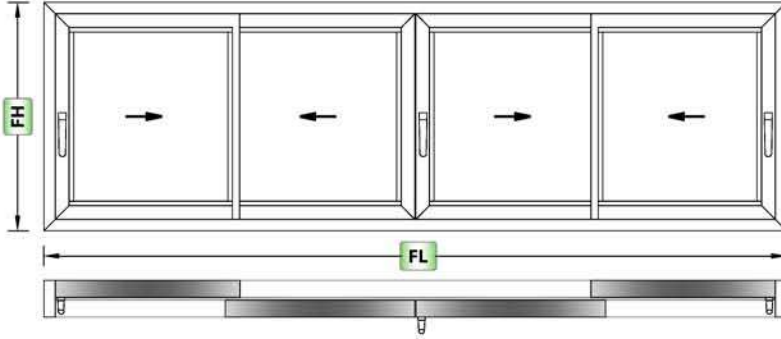


Two Rail Frame / İki Raylı Kasa



SLIDE / SÜRME

NARROW CLAMP / DAR KENET



✓ Please look at the assembly drawings for mechanical treatment.
Mekanik işlemler için lütfen uygulama detayları bölümüne bakınız.

GLASS / CAM

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		4 Pcs / Adet	GL = SL - 79.5 GH = SH - 140

PROFILES / PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
51LS-102-00			2 Pcs / Adet	FL	-
			2 Pcs / Adet	FH	
51LS-201-00			8 Pcs / Adet	$SL = \frac{FL - 88}{4}$	-
			4 Pcs / Adet	SH = FH - 74	
51LS-211-00			4 Pcs / Adet	ZH = SH - 19.4	✓
51LS-504-00			1 Pcs / Adet	KKH = SH - 4	✓
08-105-00			8 Pcs / Adet	BL = SL - 65.5	-
			8 Pcs / Adet	BH = SH - 170	
13-134-050R	0		2 Pcs / Adet	LR = FL - 76.4	-
51LS-501-00			4 Pcs / Adet	AH = SH - 19.4	✓
* 51LS-502-00			-	OPSIONEL REINFORCE PART OPSİYONEL GÜÇLENDİRME PARÇASI	✓
51LS-520-00			1 Pcs / Adet	FL	✓

PLASTIC PROFILES / PLASTİK PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
EM51LS-102A			2 Pcs / Adet	PUL = FL - 38.8	-
			2 Pcs / Adet	PUH = FH - 38.8	
EM51LS-102B			4 Pcs / Adet	PKL1 = SL - 10	-
			2 Pcs / Adet	PKL2 = (SLx2) - 37	
EM51LS-511			2 Pcs / Adet	PKH = FH - 45	✓
			4 Pcs / Adet	PH = SH - 3	
EM51LS-200			4 Pcs / Adet	PLL = SL - 20	-
			4 Pcs / Adet	PLL = SL - 20	
			4 Pcs / Adet	PLH = SH - 40	
EM51LS-250			3 Pcs / Adet	UH = SH - 47	-

GASKETS / FİTİLLER

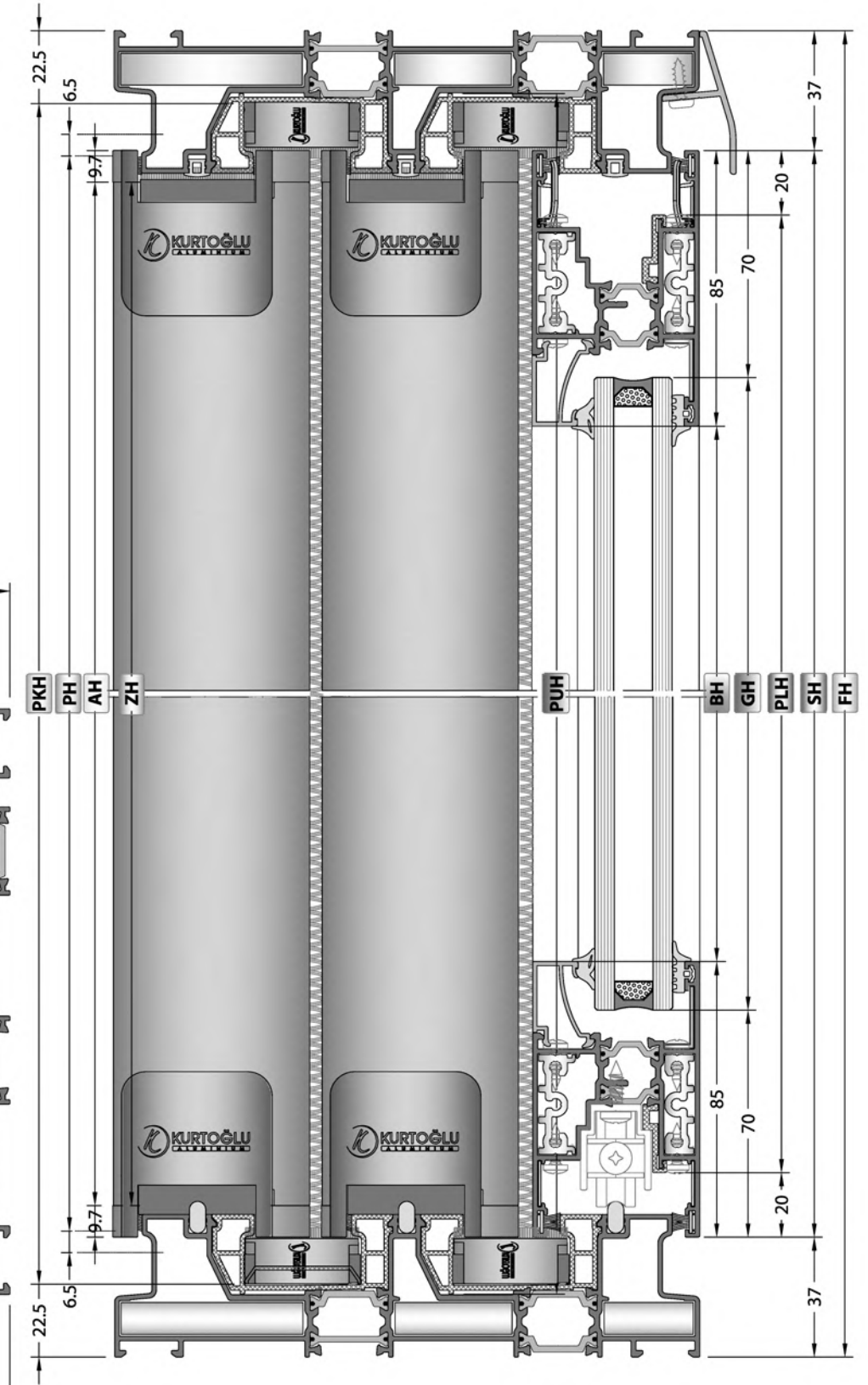
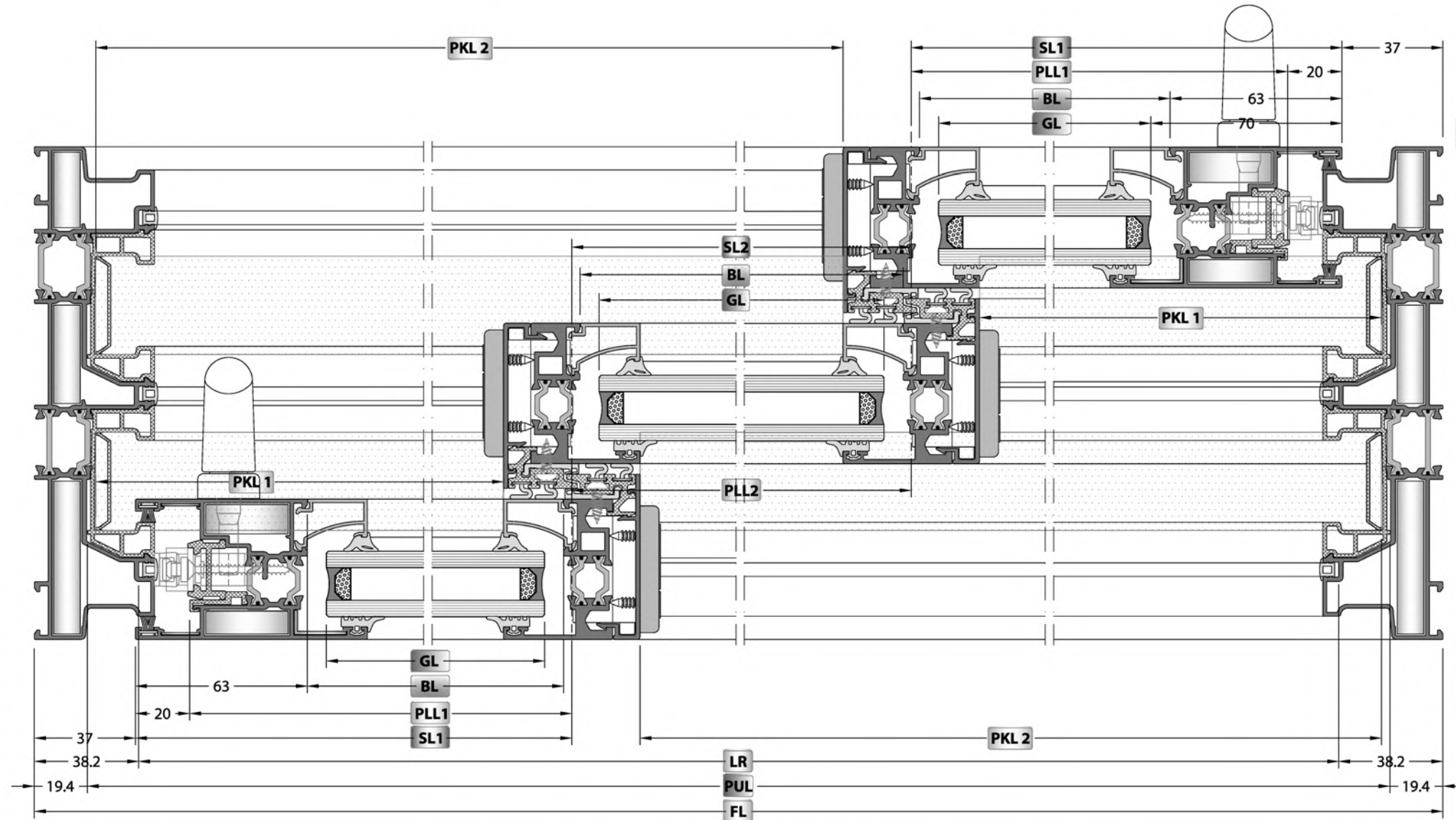
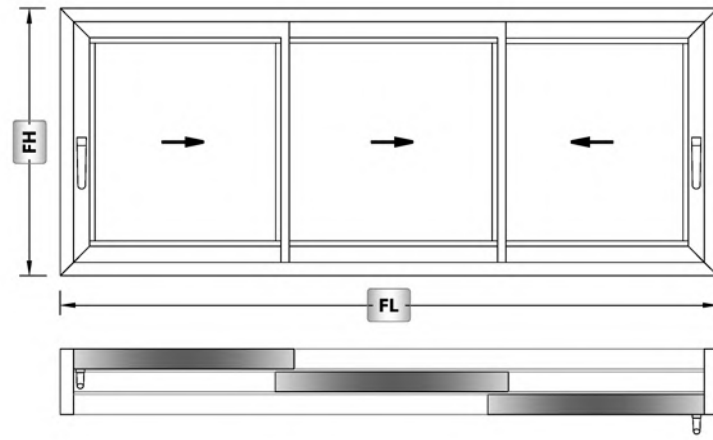
Code Kod	Quantity Miktar	Picture Resim
EM1-XX	8SL + 8SH	
EM2-03	8SL + 8SH	
EM51LS-05	4SH	
EM45-05	2FL + 4FH	
EM51LS-11	8SH	
PB-7-800	16SL + 10SH	
O.RING-3 mm	2SH	

CORNER JOINTS / KÖŞE BAĞLANTILAR

Code Kod	Quantity Miktar	Picture Resim
CC-101-28.1 Or / Yada KC-801-27.7	4 Pcs / Adet	
CC-101-56.7 Or / Yada KC-801-56.3	4 Pcs / Adet	
CC-104-09.0	8 Pcs / Adet	
CC-104-11.4	8 Pcs / Adet	
EM51LS-25	8 Pcs / Adet	
MK-20.1	16 Pcs / Adet	
CAS1-913-50.0	8 Set / Takım	

CONSUMABLE MATERIALS / SARF MALZEMELER

Code Kod	Description Açıklama	Quantity (pcs-m) Miktar (Paket)	Picture Resim
EM51SD-212	NARROW CLAMPING ACCESSORIES SET	2 Set / Takım	
EM51SD-213	DAR KENET AKSESUAR TAKIMI	2 Set / Takım	
EM51LS-504	CLAMPING ACCESSORIES SET KENET AKSESUAR TAKIMI	1 Set / Takım	
EM51SD-32	NARROW CLAMPING WEATHER STRIP SET 2'LI KASA DAR KENET HAVA KESİCİ TAKIMI	2 Set / Takım	
EM51SD-72	PULLEY RULMAN	120 kg < 8 Pcs / Adet 200 kg < 16 Pcs / Adet	
EM51SD-08	SASH STABILITY PLASTIC KANAT DENGİ PLASTİĞİ	Sash / Kanat ≤ 1500 mm if / ise 4 Pieces / Adet Sash / Kanat > 1500 mm if / ise 6 Pieces / Adet	
EM09-0001	SPILL / TAPA	(SH - 200) / 500 Pcs / Adet	
EM70LS-09	DRAINAGE CAP TAHLİYE KAPAĞI	((SLx2)-287) / 650) + 1 Pcs / Adet	
EM70LS-10	DRAINAGE CAP TAHLİYE KAPAĞI	2 Pcs / Adet	
EM51LS-190	FRAME MONTAGE WEDGE KASA MONTAJ TAKOZU	((FL-2000) / 1000) + 1 Pcs / Adet	
EM51LS-1102	FRAME SEPARATOR KASA AYIRICI	2 Pcs / Adet	



SLIDE / SÜRME

NARROW CLAMP / DAR KENET



✓ Please look at the assembly drawings for mechanical treatment.
Mekanik işlemler için lütfen uygulama detayları bölümüne bakınız.

GLASS / CAM

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		3 Pcs / Adet	$GL = \frac{FL - 254}{3}$
		3 Pcs / Adet	$GH = SH - 140$

PROFILES / PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
51LS-103-00			2 Pcs / Adet	FL	-
			2 Pcs / Adet	FH	
51LS-201-00			4 Pcs / Adet	$SL1 = GL + 79.5$	-
			2 Pcs / Adet	$SL2 = GL + 19$	
			2 Pcs / Adet	$SH = FH - 74$	
51LS-211-00			4 Pcs / Adet	$ZH = SH - 19.4$	✓
08-105-00			6 Pcs / Adet	$BL = GL + 14$	-
			6 Pcs / Adet	$BH = SH - 170$	
13-134-050R			3 Pcs / Adet	$LR = FL - 76.4$	-
51LS-501-00			4 Pcs / Adet	$AH = SH - 19.4$	✓
* 51LS-502-00			-	OPSIONEL REINFORCE PART OPSİYONEL GÜÇLENDİRME PARÇASI	✓
51LS-520-00			1 Pcs / Adet	FL	✓

PLASTIC PROFILES / PLASTİK PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
EM51LS-102A			3 Pcs / Adet	$PUL = FL - 38.8$	-
			3 Pcs / Adet	$PUH = FH - 38.8$	
EM51LS-102B			4 Pcs / Adet	$PKL1 = GL + 69.5$	-
			4 Pcs / Adet	$PKL2 = 2GL + 89.5$	
			4 Pcs / Adet	$PKH = FH - 45$	
EM51LS-511			4 Pcs / Adet	$PH = SH - 3$	✓
EM51LS-200			2 Pcs / Adet	$PLL1 = GL - 79.5$	-
			2 Pcs / Adet	$PLL1 = GL - 79.5$	
			2 Pcs / Adet	$PLL2 = GL + 19$	
			2 Pcs / Adet	$PLH = SH - 40$	
EM51LS-250			2 Pcs / Adet	$UH = SH - 47$	-

GASKETS / FİTİLLER

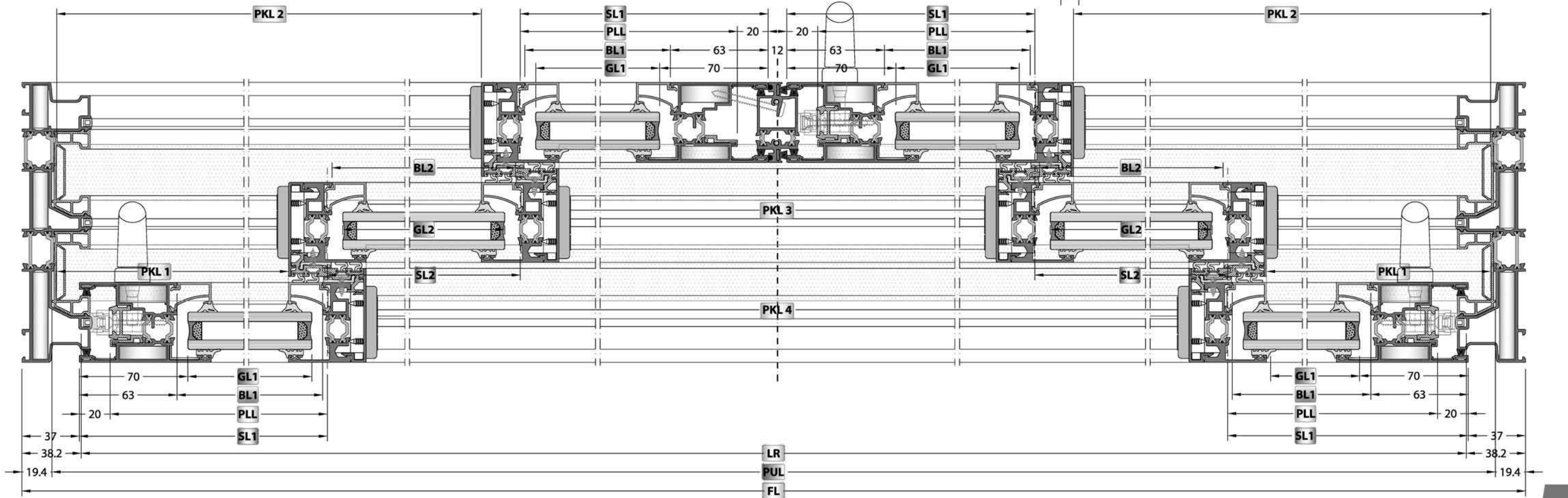
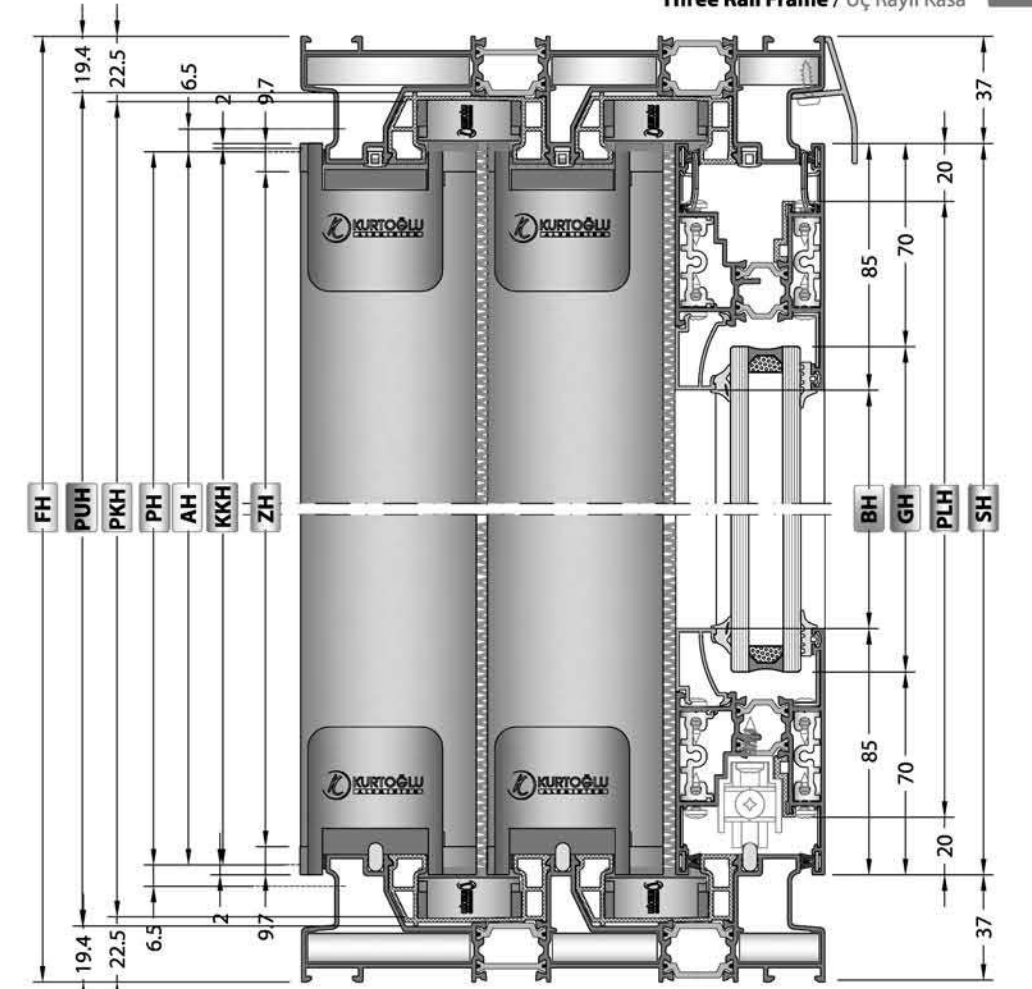
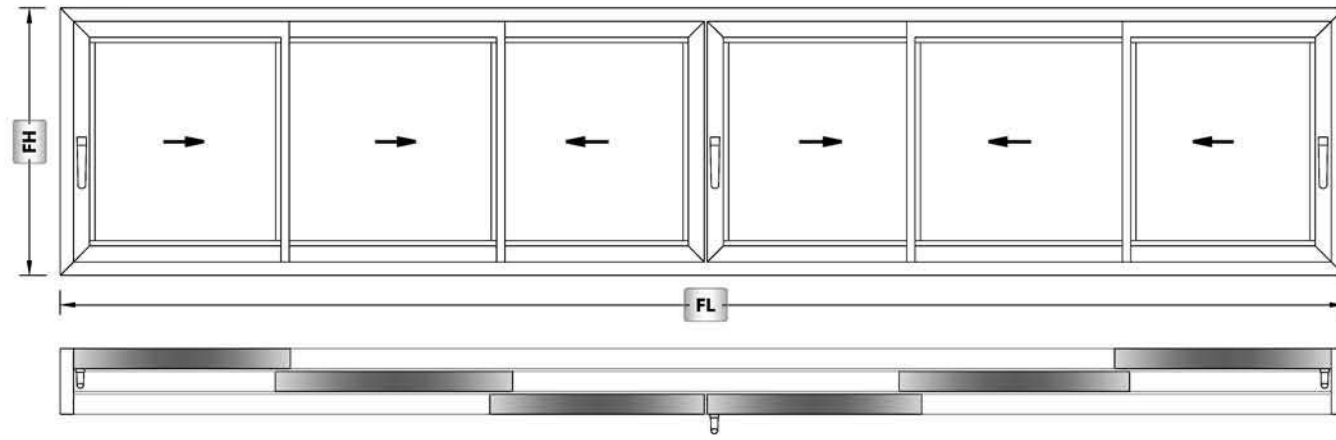
Code Kod	Quantity Miktar	Picture Resim
EM1-XX	6SL + 6SH	
EM2-03	6SL + 6SH	
EM51LS-05	4SH	
EM45-05	3FL + 6FH	
EM51LS-11	8SH	
PB-7-800	12SL + 4SH	

CORNER JOINTS / KÖŞE BAĞLANTILAR

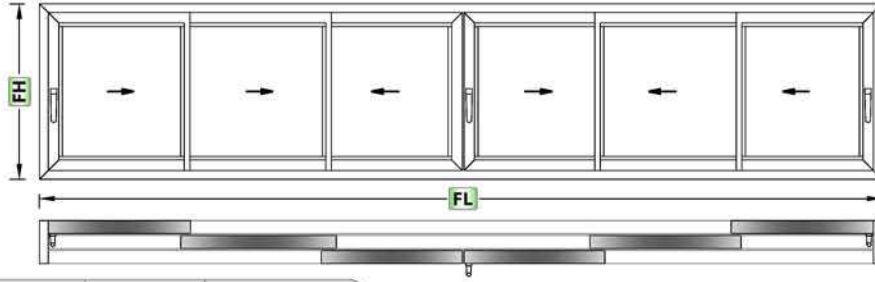
Code Kod	Quantity Miktar	Picture Resim
CC-101-28.1 Or / Yada KC-801-27.7	4 Pcs / Adet	
CC-101-36.7 Or / Yada KC-801-36.3	4 Pcs / Adet	
CC-101-56.7 Or / Yada KC-801-56.3	4 Pcs / Adet	
CC-104-09.0	4 Pcs / Adet	
CC-104-11.4	4 Pcs / Adet	
EM51LS-25	4 Pcs / Adet	
MK-20.1	8 Pcs / Adet	

CONSUMABLE MATERIALS / SARF MALZEMELER

Code Kod	Description Açıklama	Quantity (pcs-m) Miktar (Paket)	Picture Resim
EM51SD-212	NARROW CLAMPING ACCESSORIES SET	2 Set / Takım	
EM51SD-213	DAR KENET AKSESUAR TAKIMI	2 Set / Takım	
EM51SD-32	NARROW CLAMPING WEATHER STRIP SET 2'LI KASA DAR KENET HAVA KESİCİ TAKIMI	2 Set / Takım	
EM51SD-72	PULLEY RULMAN	120 kg < 6 Pcs / Adet 200 kg < 12 Pcs / Adet	
EM51SD-08	SASH STABILITY PLASTIC KANAT DENGE PLASTİĞİ	Sash / Kanat c1500 mm if / ise 4 Pieces / Adet Sash / Kanat > 1500 mm if / ise 6 Pieces / Adet	
EM70LS-09	DRAINAGE CAP TAHLİYE KAPAĞI	((2GL-238)/650) + 1 Pcs / Adet	
EM51LS-190	FRAME MONTAGE WEDGE KASA MONTAJ TAKOZU	((FL-2000) / 1000) + 1 Pcs / Adet	
EM51LS-1102	FRAME SEPARATOR KASA AYIRICI	1 Pcs / Adet	



NARROW CLAMP / DAR KENET



GLASS / CAM

Code Kod	Drawing Çizim	Quantity Miktar	Dimensions (mm) Boyutlar
Glass Cam		4 Pcs / Adet	GL1 = SL - 79.5
		2 Pcs / Adet	GL2 = SL - 19
		6 Pcs / Adet	GH = SH - 140

PROFILES / PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
51LS-103-00			2 Pcs / Adet	FL	-
			2 Pcs / Adet	FH	
51LS-201-00			8 Pcs / Adet	SL1 = $\frac{FL - 90}{6}$	-
			4 Pcs / Adet	SL2 = $\frac{FL - 90}{6}$	
			4 Pcs / Adet	SH = FH - 74	
51LS-504-00			1 Pcs / Adet	KKH = SH - 4	✓
08-105-00			8 Pcs / Adet	BL1 = SL1 - 65.5	-
			4 Pcs / Adet	BL2 = SL2 - 5	
			12 Pcs / Adet	BH = SH - 170	
13-134-050R			3 Pcs / Adet	LR = FL - 76.4	-
51LS-501-00			8 Pcs / Adet	AH = SH - 19.4	✓
* 51LS-502-00			-	OPSİYONEL REINFORCE PART OPSİYONEL GÜÇLENDİRME PARÇASI	✓
51LS-520-00			1 Pcs / Adet	FL	✓

PLASTIC PROFILES / PLASTİK PROFİLLER

Code Kod	Drawing Çizim	Cut Kesim	Quantity Miktar	Dimensions (mm) Boyutlar	Mechanical Treatment Mekanik İşlem
EM51LS-102A			2 Pcs / Adet	PUL = FL - 38.8	-
			2 Pcs / Adet	PUH = FH - 38.8	
EM51LS-102B			4 Pcs / Adet	PKL 1 = SL - 10	-
			4 Pcs / Adet	PKL 2 = (SL1+SL2)-10	
			2 Pcs / Adet	PKL 3 = (SLx2)-37	
			2 Pcs / Adet	PKL 4 = (2SL1+2SL2)-35	
			6 Pcs / Adet	PKH = FH - 45	
EM51LS-511			4 Pcs / Adet	PH = SH - 3	✓
EM51LS-501B			2 Pcs / Adet	PH = SH - 3	-
EM51LS-200			6 Pcs / Adet	PLL = SL - 20	-
			6 Pcs / Adet	PLL = SL - 20	
			4 Pcs / Adet	PLH = SH - 40	
EM51LS-250			3 Pcs / Adet	UH = SH - 47	-

GASKETS / FİTİLLER

Code Kod	Quantity Miktar	Picture Resim
EM1-XX	12SL + 12SH	
EM2-03	12SL + 12SH	
EM51LS-05	8SH	
EM45-05	3FL + 6FH	
EM51LS-11	16SH	
PB-7-800	24SL + 10SH	
O.RING-3 mm	2SH	

CORNER JOINTS / KÖŞE BAĞLANTILAR

Code Kod	Quantity Miktar	Picture Resim
CC-101-28.1 Or / Yada KC-801-27.7	4 Pcs / Adet	
CC-101-36.7 Or / Yada KC-801-36.3	4 Pcs / Adet	
CC-101-56.7 Or / Yada KC-801-56.3	4 Pcs / Adet	
CC-104-09.0	24 Pcs / Adet	
CC-104-11.4	24 Pcs / Adet	
EM51LS-25	24 Pcs / Adet	
MK-20.1	48 Pcs / Adet	

CONSUMABLE MATERIALS / SARF MALZEMELER

Code Kod	Description Açıklama	Quantity (pcs-m) Miktar (Paket)	Picture Resim
EM51SD-212	NARROW CLAMPING ACCESSORIES SET	8 Set / Takım	
EM51SD-213	DAR KENET ARKESUAR TAKIMI		
EM51LS-504	CLAMPING ACCESSORIES SET KENET ARKESUAR TAKIMI	1 Set / Takım	
EM51SD-32	NARROW CLAMPING WEATHER STRIP SET 2'LI KASA DAR KENET HAVA KESİCİ TAKIMI	4 Set / Takım	
EM51SD-72	PULLEY RULMAN	120 kg < 12 Pcs / Adet 200 kg < 24 Pcs / Adet	
EM51SD-08	SASH STABILITY PLASTIC KANAT DENGİ PLASTİĞİ	Sash / Kanat ≥ 1500 mm if / ise 4 Pieces / Adet Sash / Kanat ≥ 1500 mm if / ise 6 Pieces / Adet	
EM09-0001	SPILL / TAPA	(Sash / Kanat - 200) / 500	
EM70LS-09	DRAINAGE CAP TAHLİYE KAPAGI	[(((Kasa/3)*2)-350)/650] +1 Pcs / Adet	

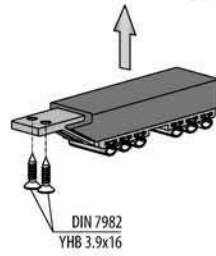
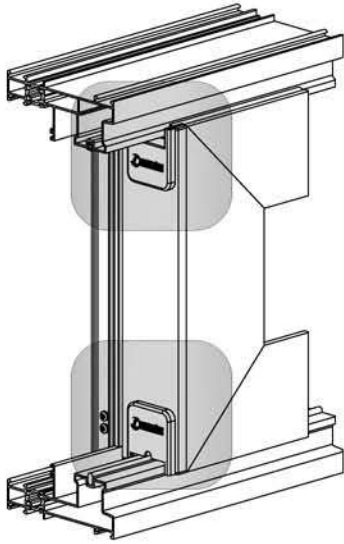
51S

ASSEMBLY DETAILS / MONTAJ DETAYLARI

SLIDE / SÜRME

WEATHER STRIP MONTAGE / HAVA KESİCİ MONTAJI

EM51SD-31

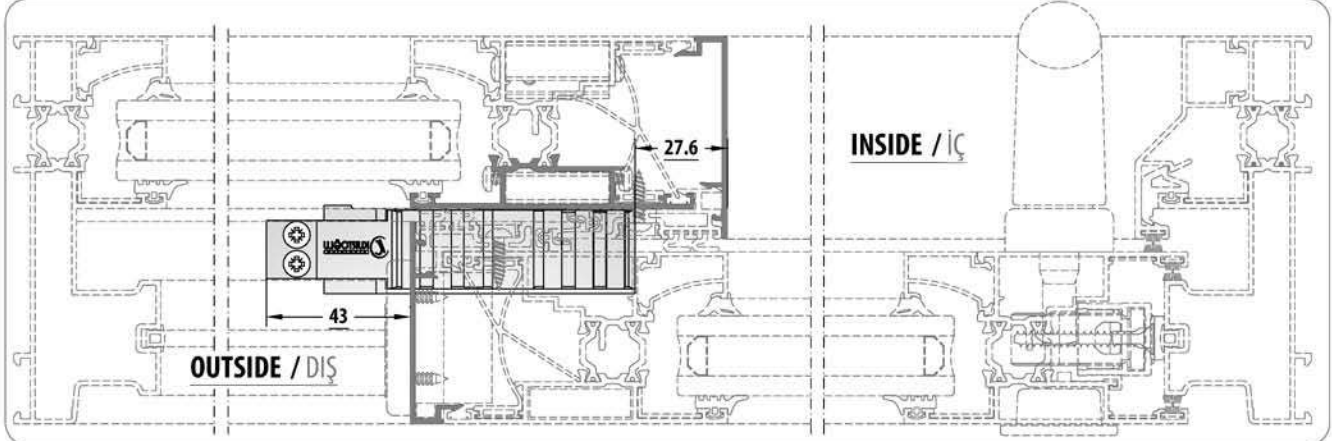
FIXED WEATHER
STRIP SET
SABİTLİ HAVA KESİCİ TAKIMIDIN 7982
YHB 3.9x16DIN 7982
YHB 3.9x16**IMPORTANT / ÖNEMLİ**

The hard sponge will be used below.
Sert olan sünger aşağıda kullanılacaktır.

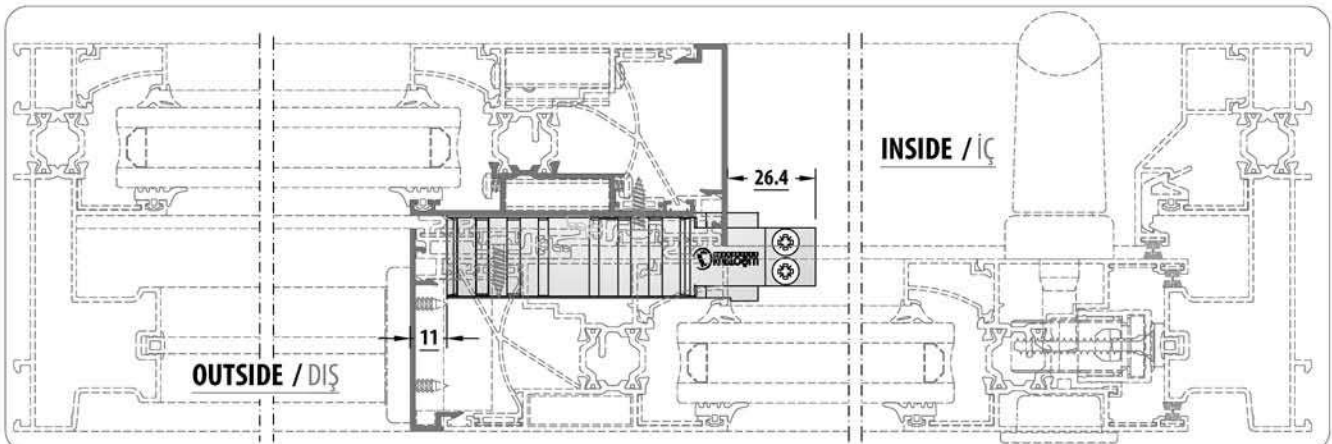
DIN 7982
YHB 3.9x16

51LS-201-00

TOP / ÜST



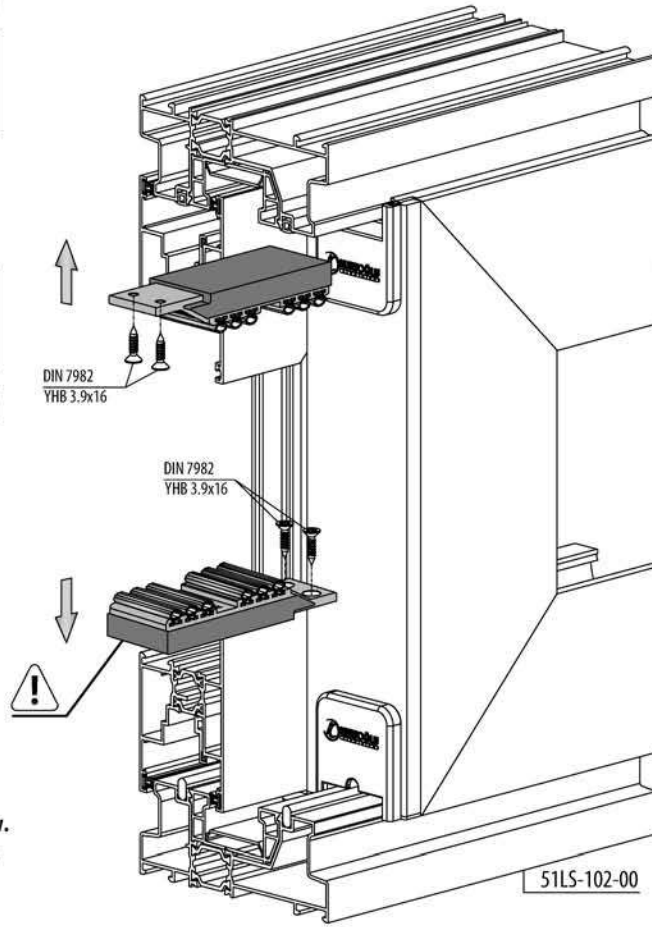
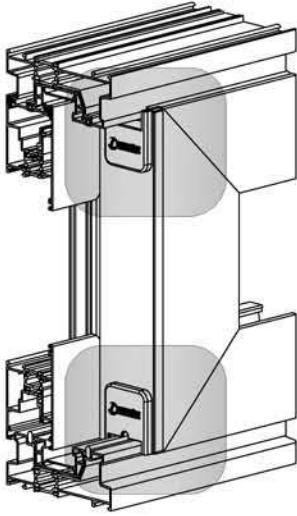
BOTTOM / ALT



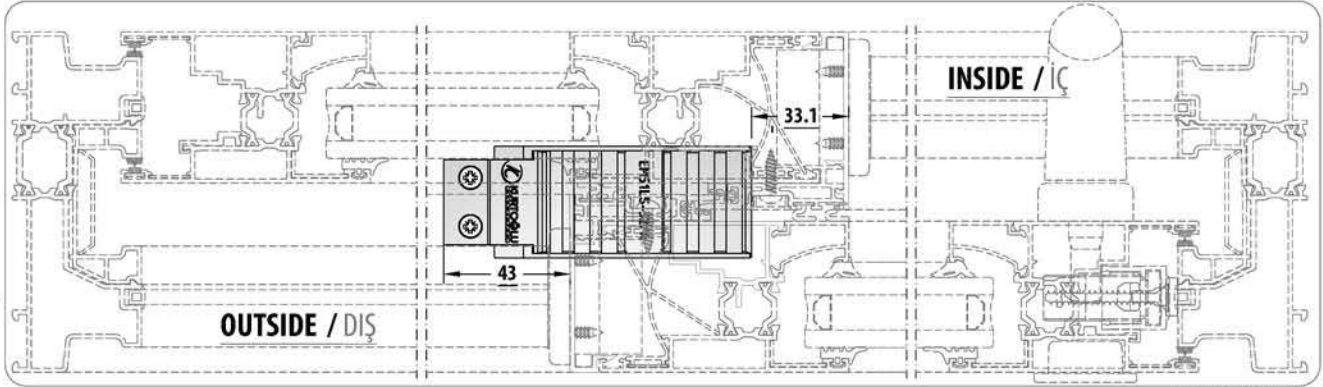
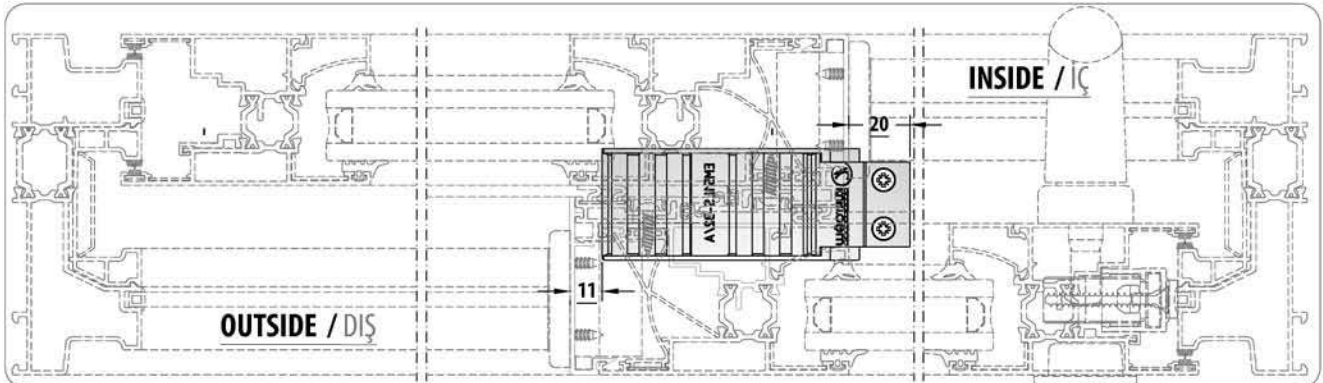
MONTAGE DIMENSION / MONTAJ ÖLÇÜLERİ

WEATHER STRIP MONTAGE / HAVA KESİCİ MONTAJI

EM51SD-32
WEATHER STRIP SET
2'LI KASA
HAVA KESİCİ TAKIMI

**IMPORTANT / ÖNEMLİ**

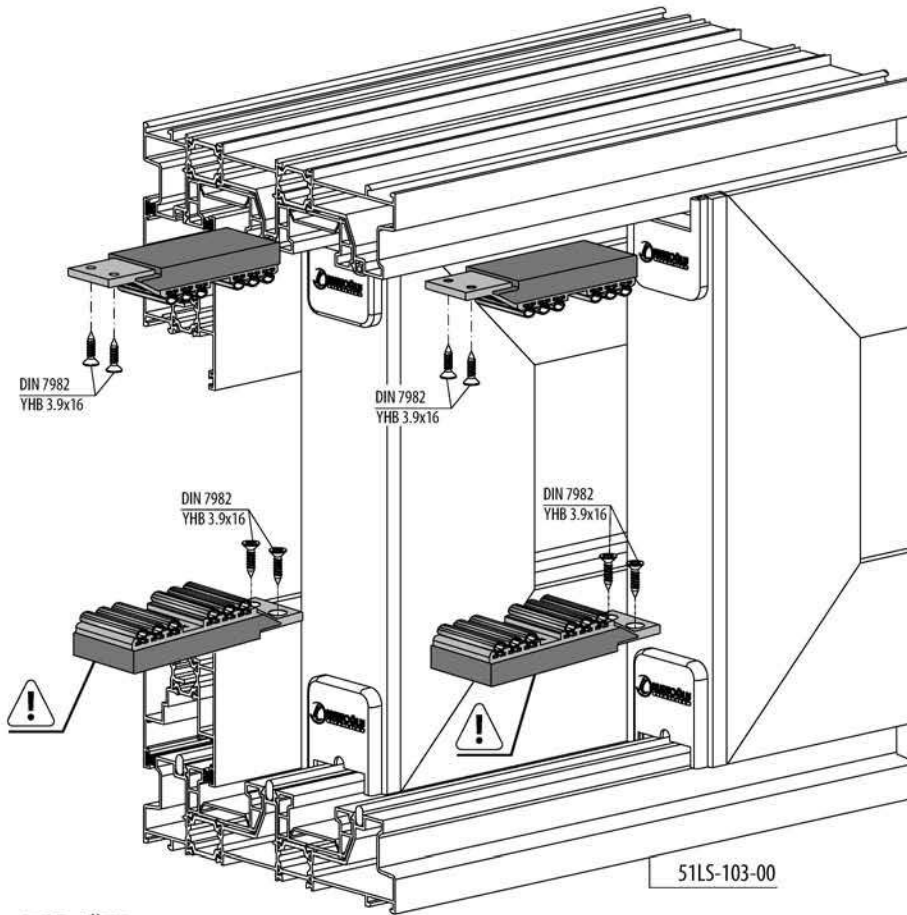
The hard sponge will be used below.
Sert olan sünger aşağıda kullanılacaktır.

TOP / ÜST**BOTTOM / ALT**

MONTAGE DIMENSION / MONTAJ ÖLÇÜLERİ

WEATHER STRIP MONTAGE / HAVA KESİCİ MONTAJI

EM51SD-32
WEATHER STRIP SET
2'LI KASA
HAVA KESİCİ TAKIMI

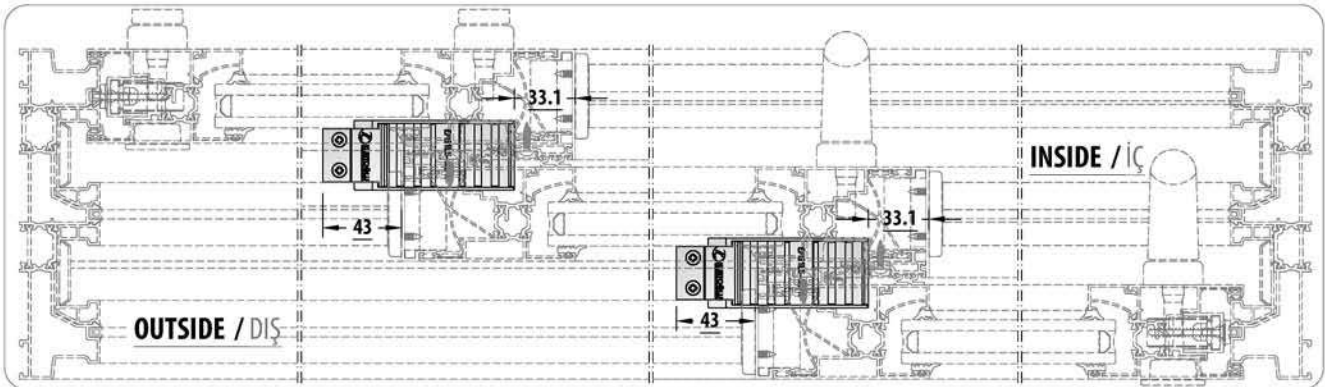
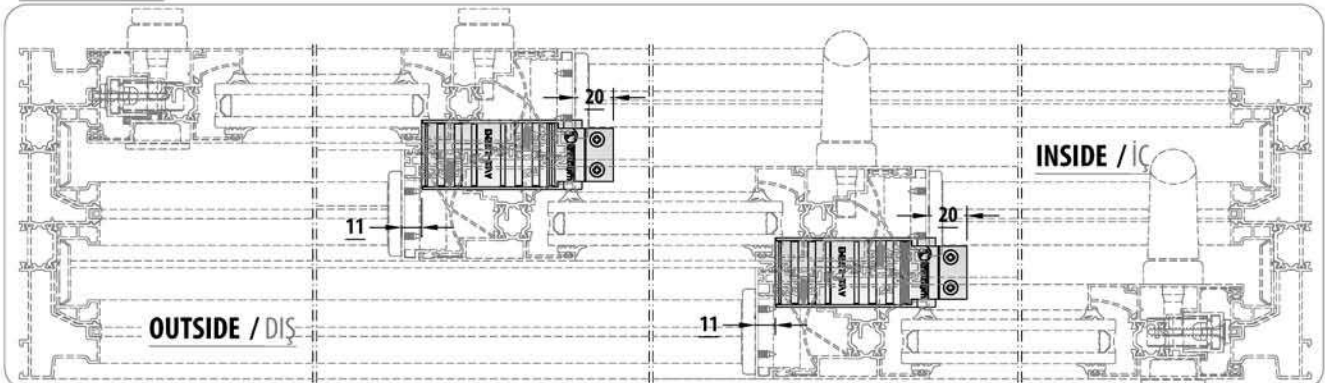


51LS-201-00

51LS-103-00

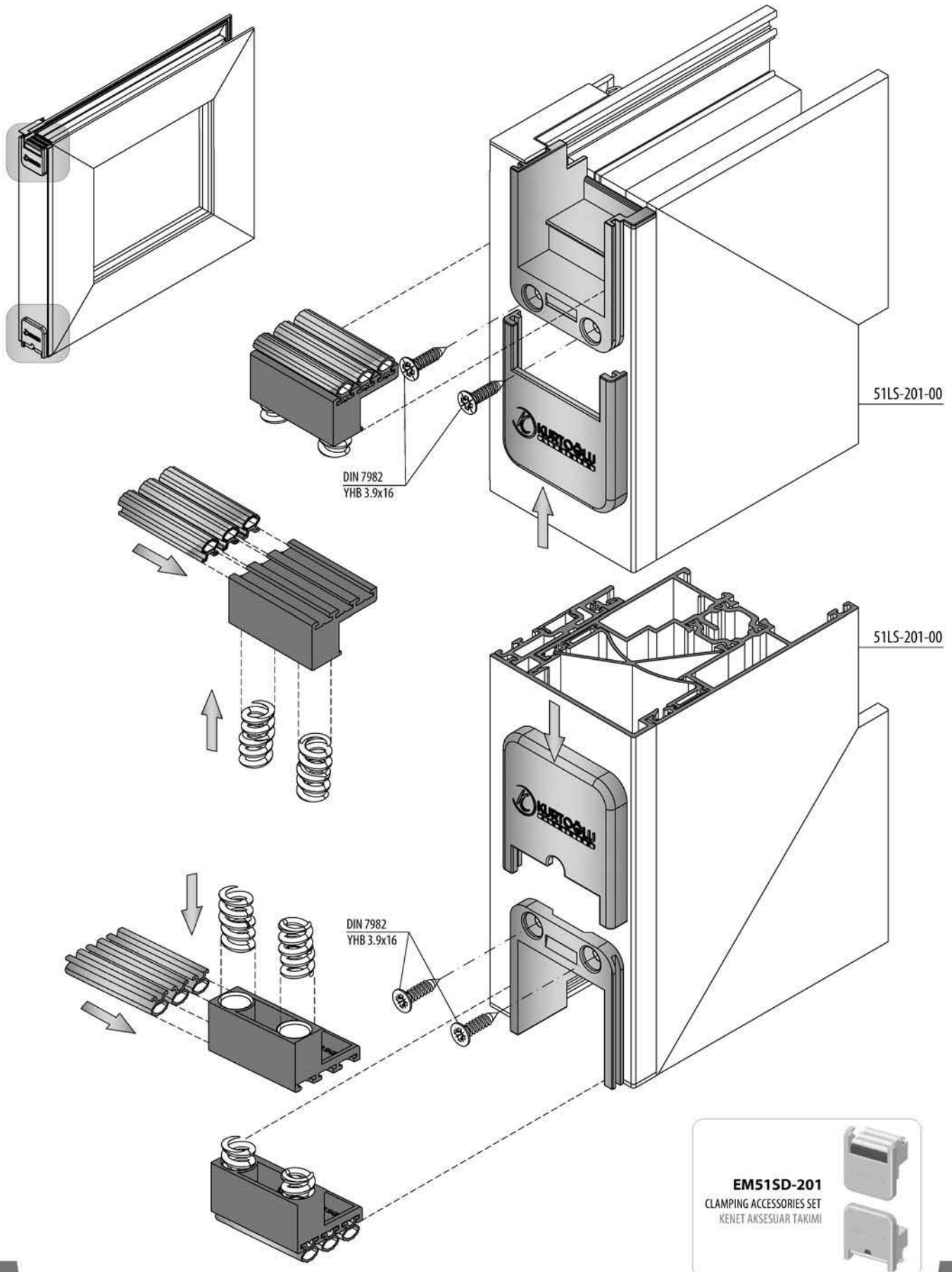
**IMPORTANT / ÖNEMLİ**

The hard sponge will be used below.
Sert olan sünger aşağıda kullanılacaktır.

TOP / ÜST**BOTTOM / ALT**

MONTAGE DIMENSION / MONTAJ ÖLÇÜLERİ

CLAMPING CAP ASSEMBLY / KENET KAPAK MONTAJI



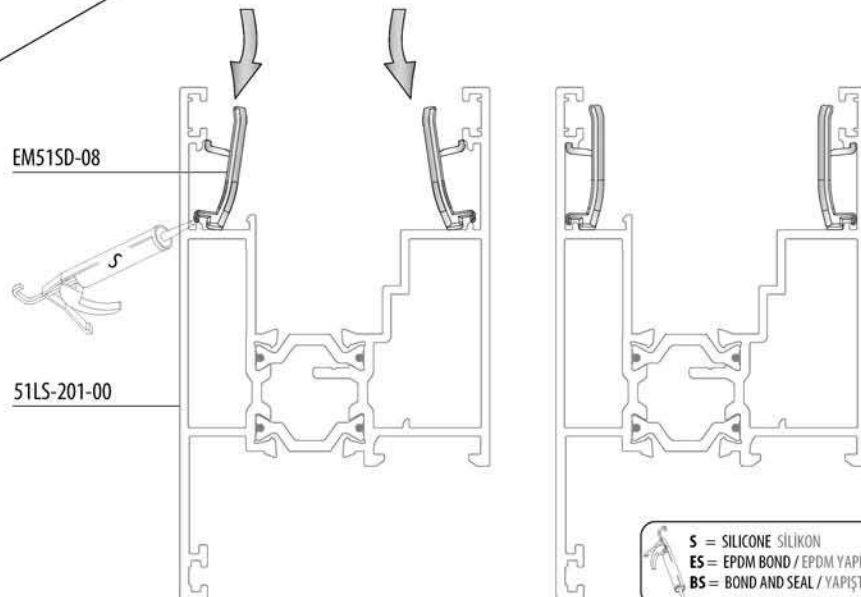
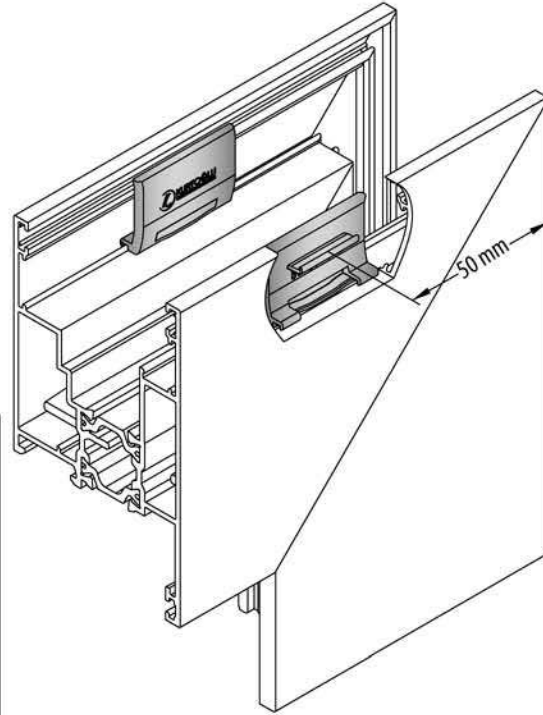
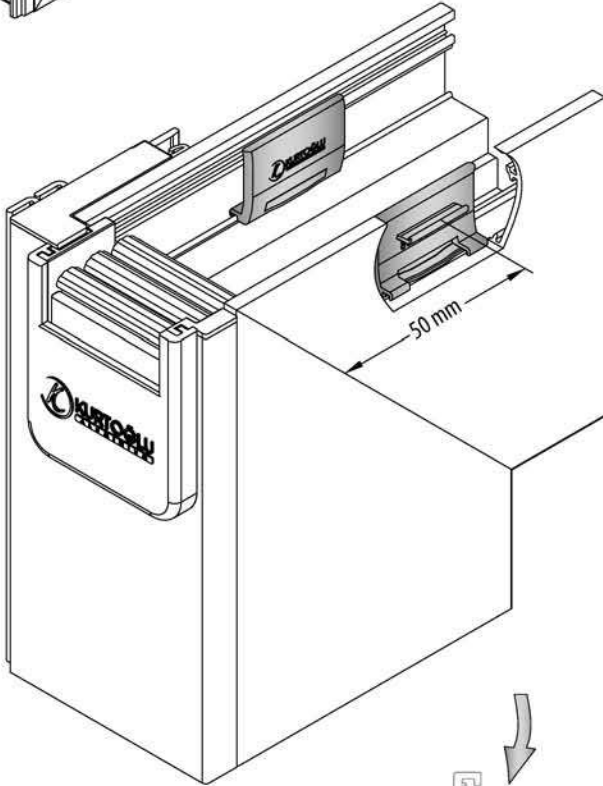
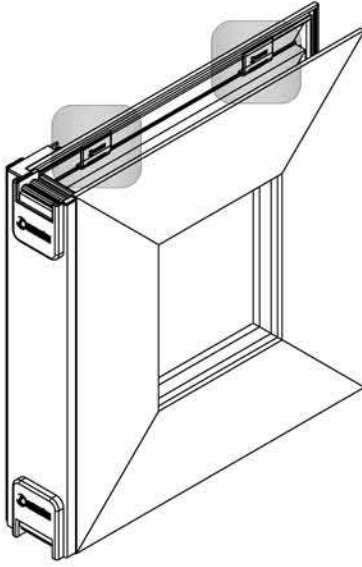
SASH STABILITY PLASTIC ASSEMBLY
KANAT DENGİ PLASTİĞİ MONTAJI

EM51SD-08

SASH STABILITY PLASTIC
KANAT DENGİ PLASTİĞİ



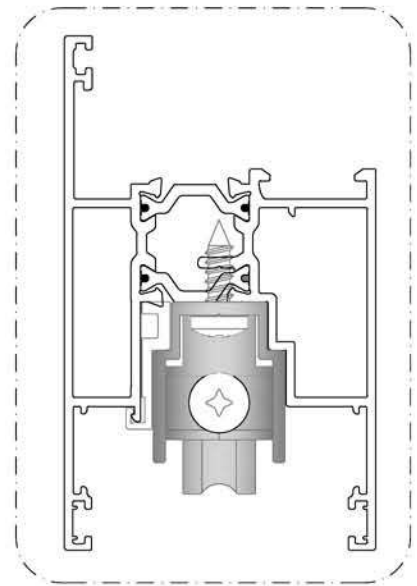
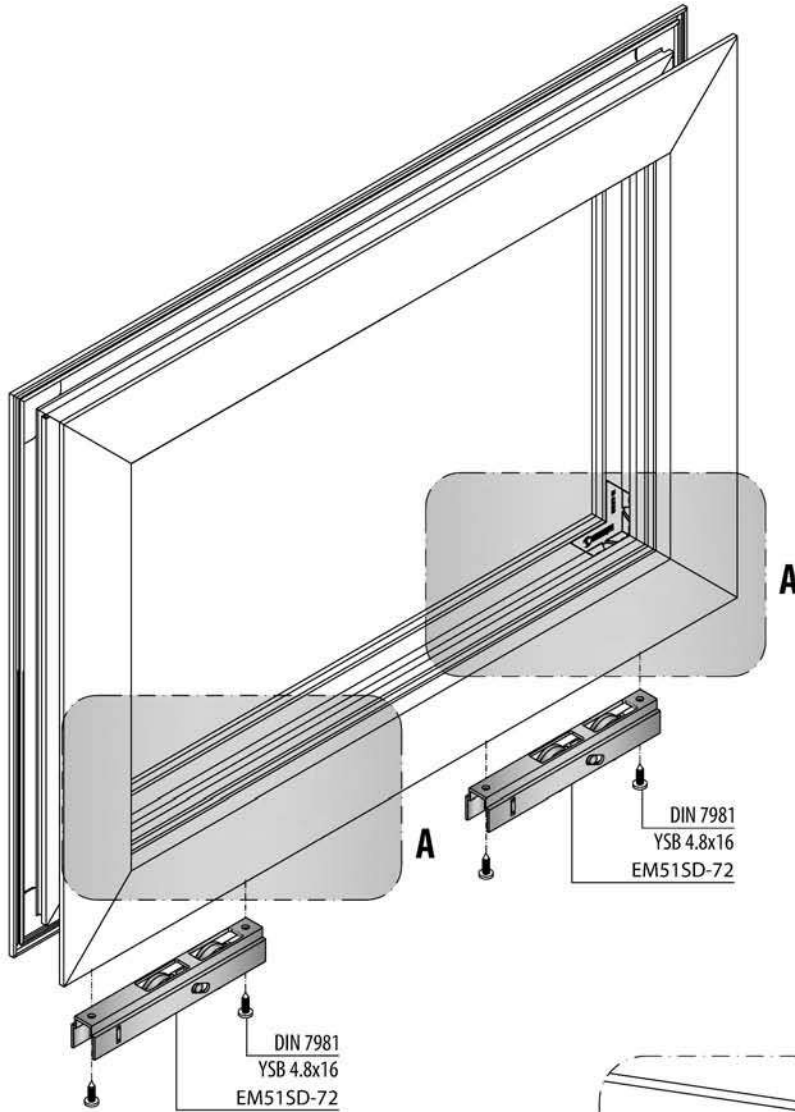
Sash / Kanat ≤ 1500 mm if / ise 4 Pieces / Adet
Sash / Kanat > 1500 mm if / ise 6 Pieces / Adet



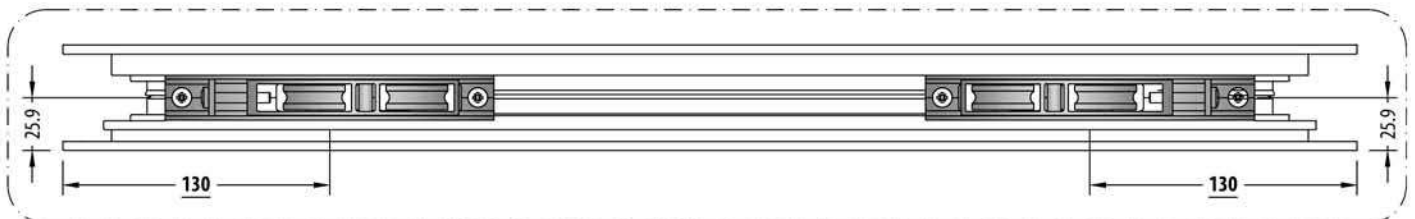
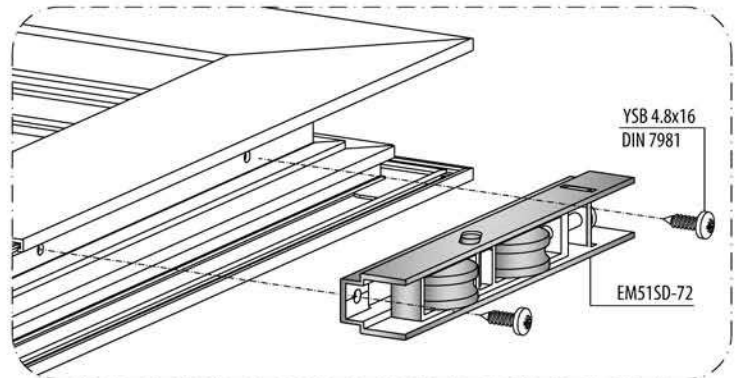
S = SILICONE SİLİKON
ES = EPDM BOND / EPDM YAPIŞTICI
BS = BOND AND SEAL / YAPIŞTIRICI VE SIZDIRMAZ

PULLEY ASSEMBLY / RULMAN UYGULAMA

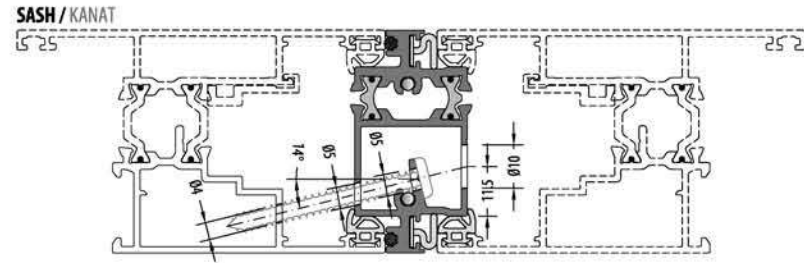
EM51SD-72
PULLEY
RULMAN



A DETAIL / A DETAYI

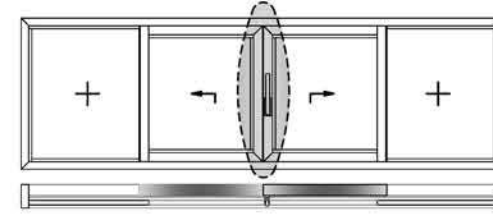


HOLES DIMENSION / DELİK ÖLÇÜLERİ



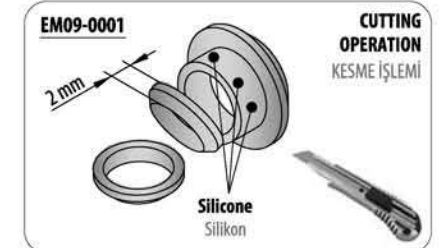
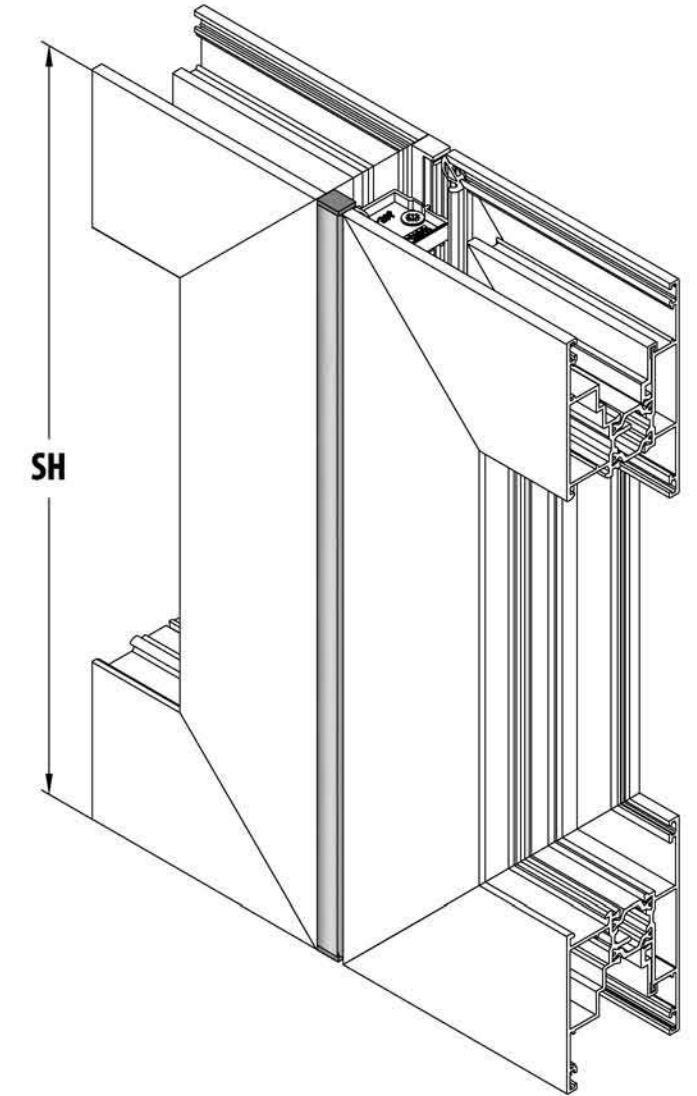
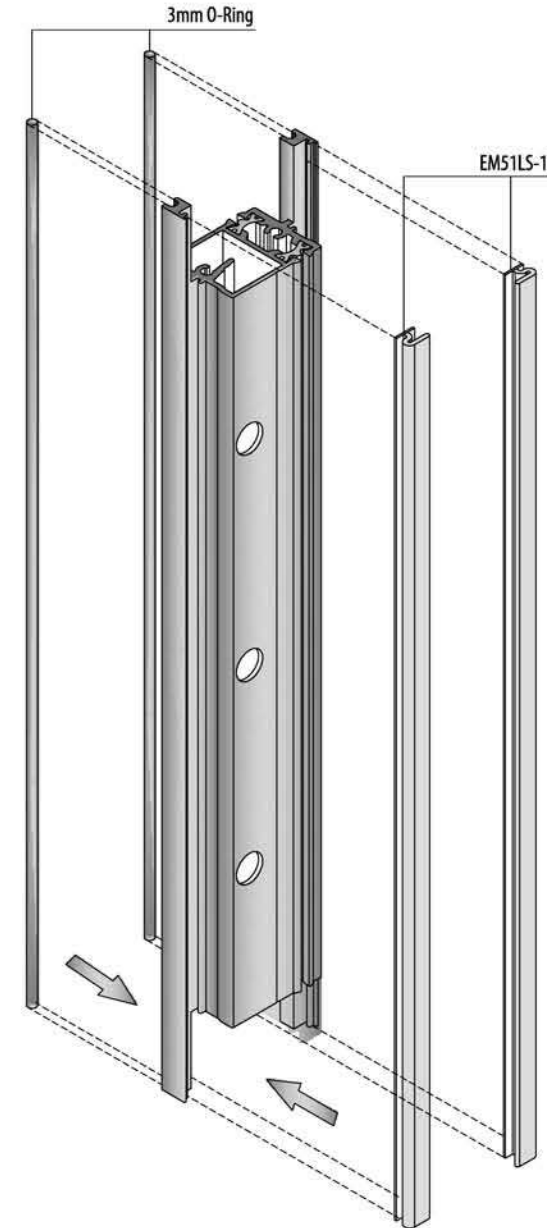
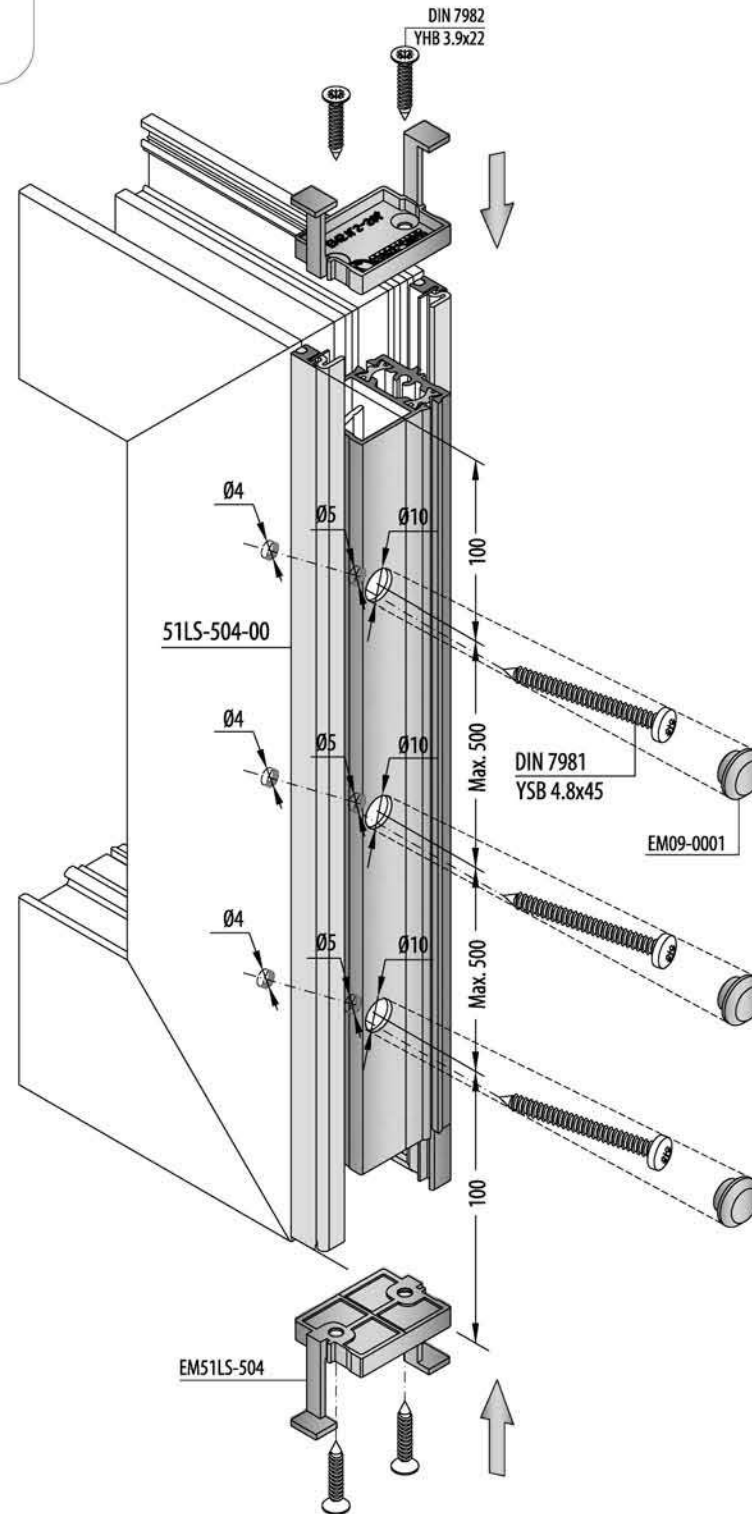
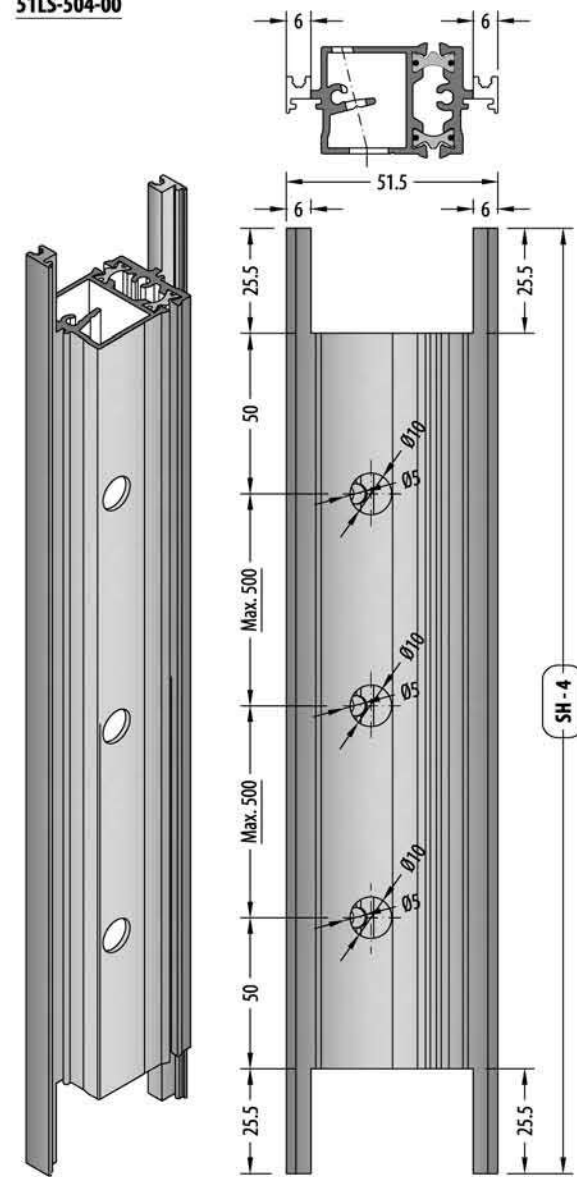
FOUR SASH ACCESSORIES ASSEMBLY / DÖRT KANAT AKSESUAR MONTAJI

51LS-504-00



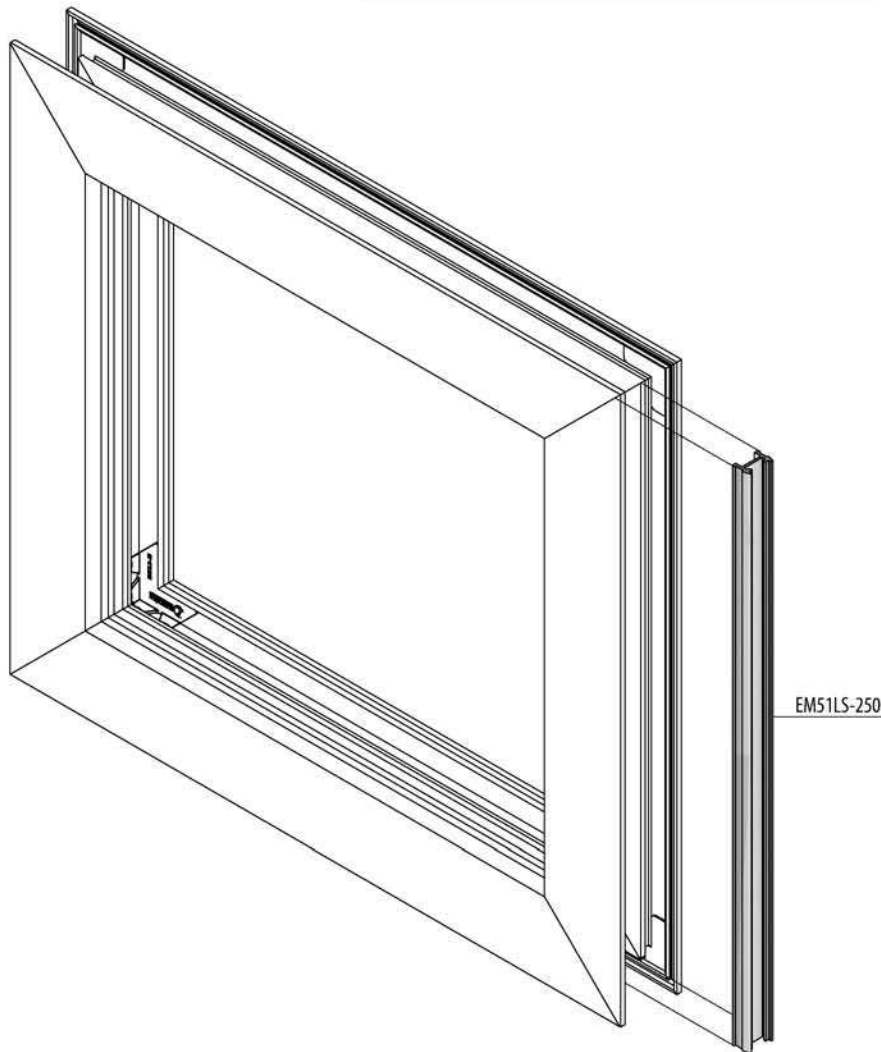
CUTTING DIMENSION / KESİM ÖLÇÜLERİ

51LS-504-00



PVC ESPAGNOLETTE GUIDE / PVC İSPANYOLET KILAVUZU

EM51LS-250



EM51LS-250

