

40 YEARS
EXPERIENCE



HİLAL
Alüminyum

PROFİL KATALOĞU

ALUVESA 43 SERİ

ALUVESA 43 SERIES





HİLAL
Alüminyum



İŞ ORTAĞIMIZ - Business Partner



TR

Misyonumuz

ISO 9001 : 2008 kalite yönetim standartlarını rehber kabul ederek üretimden sevkiyata kadar tüm birimlerimizde kalite kontrolünü titizlikle denetleyerek profesyonel ve tecrübeli ekibimizle, müşterilerimize satış öncesi ve sonrası hizmet vermekteyiz.

Vizyonumuz

Müşteri memnuniyetini ön planda tutan, profesyonel yetkin kadromuz ile gelişen teknolojiyi yakından takip eden şirketlerimiz, yurtdışında ve yurtdışında alüminyum sektörüne yönelik ülke ekonomisine katkıda bulunmayı kendisine şiar edinmektedir.

Hilal Alüminyum Faaliyet Alanları

- ▶ Doğrama profilleri ve aksesuarları
- ▶ Cephe sistem profilleri ve aksesuarları
- ▶ Sürme seri profilleri ve aksesuarları
- ▶ Isı bariyerli profiller ve aksesuarları
- ▶ Soğutucu profilleri
- ▶ Kış bahçesi ve üst kapama profilleri
- ▶ Sanayi profilleri
- ▶ Standart profiller

Uzmaksan Alüminyum Faaliyet Alanları

- ▶ Panjur profilleri ve aksesuarları
- ▶ Küpeşte profilleri ve aksesuarları
- ▶ Sineklik profilleri ve aksesuarları
- ▶ Seramik ve dekorasyon profilleri
- ▶ Mobilya profilleri ve aksesuarları
- ▶ Reklam profilleri ve aksesuarları

Galaksi Dış Ticaret Faaliyet Alanları

- ▶ Alüminyum aksesuarları ithalatı
- ▶ Alüminyum levha ve kompozit panel ithalatı
- ▶ Alüminyum iş makineleri ithalatı
- ▶ Arz ve talebe göre sektörünün ihtiyaç duyduğu diğer ürünlerin ithalatı

Hilal Alüminyum İth.İhr.San.Tic.Ltd.Şti.

01 Mart 1986 yılında kurulan şirketimiz, Hürriyet mahallesi Kağıthane'deki 9 katlı merkez binası sanayi marketinde, ağırlıklı olarak alüminyum profil ve aksesuarları, alüminyum işleme makineleri, alüminyum levha ve kompozit panel satışı konusunda müşterilerine hizmet vermektedir. Yurtdışında ve yurtdışında yapılandırılmış pazarlama ağını büyük bir titizlikle takip eden firmamız, 56'dan fazla ülkeye [Doğu Avrupa, Kuzey Afrika, Orta Doğu, Orta Asya, Amerika ve Kanada] yaptığı ihracatlar neticesinde de sektördeki pazar payını her geçen gün artırmaktadır.

Uzmaksan Alüminyum İth.İhr.San.Tic.Ltd.Şti.

10 Haziran 2015 yılından itibaren Edirne Organize Sanayi Bölgesinde yeni fabrika binasına taşınarak hizmetine devam etmektedir. Firmamız ; üretmiş olduğu Alüminyum profilleri ile Türkiye genelinde sanayi, mobilya ve reklam sektörlerinin ihtiyaçlarını etkin bir biçimde karşılamaktadır .

Şile Cansu Pazarlama San.Tic.Ltd.Şti.

28 Haziran 1995 tarihinde faaliyete başlayan firmamız ZAMBAK SU markası ile bugün İstanbul sınırlarının dışına taşmakta ve Şile'deki modern dolum tesisi ve profesyonel pazarlama ağı ile hizmet vermeye devam etmektedir.

**40** YEARS
EXPERIENCE

ENG

Our Mission

Under the guidance of the ISO 9001:2008 quality management standards to check the quality control in all units from the production to transportation and to provide quality service to our customers before and after sale with our professional and experienced team.

Our Vision

Keeping customer's satisfaction as number one priority and by following technological developments closely with professional team, our companies made a slogan to contribute the national economy at home and abroad intended for aluminium industry.

Working fields of Hilal Aluminium

- ▶ Aluminium Window & door system and accessories
- ▶ Facade systems profiles & accessories
- ▶ Sliding systems profiles & accessories
- ▶ Thermal isolated profiles & accessories
- ▶ Winter garden and covering profiles
- ▶ Cooling system profiles
- ▶ Standart profiles
- ▶ Industry profiles

Working fields of Uzmaksan Aluminium

- ▶ Shutter sections & accessories
- ▶ Handrail profiles & accessories
- ▶ Flyscreen profiles and accessories
- ▶ Furniture profiles and accessories
- ▶ Display profiles & accessories
- ▶ Advertisement profiles and accessories
- ▶ Ceramic profiles

Working fields of Galaksi Dış Ticaret

- ▶ Import of Aluminium Accessories
- ▶ Imports of Aluminium sheet and composite panel
- ▶ Imports of Aluminium processing machinery
- ▶ Imports of other products according to supply and demand of the sector

Hilal Aluminium Import-Export Industry Trading Ltd.

Company established on 1 March 1986, has been still maintaining its activities as Hilal Group including of 4 firms today. Hilal Aluminum gives service its customers mainly with Aluminum and PVC profiles, Aluminum and PVC profiles' accessories, Aluminum processing machines, Aluminum sheets and Composite panels in its 9-floor main building and industrial market located in Istanbul. Following domestic and foreign marketing network closely and day by day our company is increasing its market share owing to the exportation from its head sales office to more than 56 different countries which are located in Eastern Europe, North Africa, Central Africa, South Africa, America, Canada, Middle East and Middle Asia.

Uzmaksan Aluminium Import - Export Industry Trading Ltd.

It has been continuing to service by moving to new factory building in Edirne Organized Industrial Zone since June 10, 2015. Our company is able to provide with Aluminium profiles to Industry, furniture and advertisement sectors in Turkey.

Şile Cansu Pazarlama San.Tic.Ltd.Şti.

Began its operations on 28 June 1995 with ZAMBAK SU brand and goes out of Istanbul borders today. Company continues to service with its modern filling plant and professional purchasing nets in Şile.



RU

Hilal Aluminium İth.İhr.San.Tic.Ltd.Şti.

Наша корпорация была создана 1 марта 1986 года, которую на сегодня поддерживает своей деятельностью группа с 4-х фирм, в том числе и Хилал.

Хилал Алюминий предоставляет услуги своим клиентам в следующих направлениях: алюминиевые и ПВХ профили, аксессуары к алюминиевым и ПВХ профилям, станки для обработки алюминиевого профиля, алюминиевых листов и композитных панелей. После успешного выхода компании на отечественный и зарубежный рынок сбыта алюминия, с каждым днем мы увеличиваем свою долю продаж относительно других игроков рынка, реализовывая продукцию в более чем 56 различных стран мира, которые расположены в Восточной Европе, Северной Африке, Центральной Африке, Южной Африке, Америка, Канада Ближней Восточной и Средней Азии.

Наши цели

В соответствии с ISO 9001-2008 «Системы менеджмента качества. Требования» мы гарантируем качество всей продукции от изготовления до транспортировки. Наша профессиональная и опытная команда старается обеспечить качественное обслуживание наших клиентов от обработки индивидуальных заявок до продажи высококачественной продукции.

Наши принципы работы:

Удовлетворение потребностей наших клиентов в полной мере является для нас очень большим достижением. Наши менеджеры, которые представляют собой профессионалов в своей сфере деятельности, тщательно следят за достижениями в развитии технологий алюминиевой промышленности и сделали своим лозунгом внести вклад в национальную экономику в своей стране и за ее границами.

Рабочие сферы Hilal Alüminyum

- ▶ Алюминиевые оконно-дверные системы и аксессуары;
- ▶ Алюминиевые светопрозрачные фасады и аксессуары;
- ▶ Алюминиевые раздвижные системы и аксессуары;
- ▶ Системы термоизоляционных дверей и окон и аксессуары к ним;
- ▶ Зимний сад;
- ▶ Нанесение защитных и декоративных покрытий на

- профиля из алюминиевых сплавов;
- ▶ Холодные алюминиевые профильные системы;
- ▶ Стандартные профили;
- ▶ Профили промышленного назначения.

Рабочие сферы Uzmaksan Alüminyum

- ▶ Ролетные ворота для гаражей и аксессуары к ним;
- ▶ Перильная группа алюминиевых профилей и аксессуары;
- ▶ Москитные профили и комплектующие к ним;
- ▶ Мебельные профили и аксессуары;
- ▶ Торговые профили и аксессуары;
- ▶ Навесные вентилируемые алюминиевые фасады

Рабочие сферы Galaksi Dış Ticaret

- ▶ Импорт аксессуаров для современных алюминиевых систем;
- ▶ Импорт алюминиевых листов и композитных панелей;
- ▶ Импорт станков для обработки алюминия;
- ▶ Импорт другой продукции в зависимости от спроса и потребления на современном рынке алюминиевых строительных конструкций.

Uzmaksan Aluminium İth.İhr.San.Tic.Ltd.Şti.

наша компания UZMAKSAN продолжает свою работу с 10 июня 2015 года, после переезда в новое здание завода которая расположена Организованной промышленной зоне в городе Эдирне. Стамбул. Мы способны обеспечить алюминиевыми профилями промышленный, мебельный и торговый сектор на территории Турции.

Şile Cansu Pazarlama San.Tic.Ltd.Şti.

Компания начала свою деятельность 28 июня 1995 под брендом ZAMBAK SU в районе Шиле. Сфера деятельности фирмы – производство питьевой натуральной воды. Уже с первых месяцев своего появления на рынке, чистая вода стала популярна среди жителей Стамбула, в первую очередь, среди людей, которые ведут здоровый образ жизни. На сегодняшний день фирма “ZAMBAK SU” – это современный завод по производству очищенной воды. На данном этапе работы мы обеспечиваем водой не только жителей Стамбула, но и многих других за его границами, так как компания работает с современными методами розлива.

40 YEARS EXPERIENCE



BELGE NUMARASI REFERENCE NUMBER OF LICENCE	075027-TSE-04/04
BELGENİN İLK VERİŞİŞ TARİHİ DATE OF FIRST ISSUE OF LICENCE	21.03.2013
BELGENİN SON GEÇERLİLİK TARİHİ DATE OF VALID UNTIL	20.12.2025
BELGE SAHİBİ KURULUŞUN ADI NAME OF THE LICENCE HOLDER	HİLAL ALÜMİNYUM İTHALAT İHRACAT SANAYİ VE TİCARET LİMİTED ŞİRKETİ
BELGE SAHİBİ KURULUŞUN ADRESİ ADDRESS OF THE LICENCE HOLDER	HÖRRIYYET MAH. DR.CEMİL BENGÜ CAD. NO:62/2 KAĞITHANE İSTANBUL/TÜRKİYE
ÜRETİM YERİ ADI NAME OF THE MANUFACTURING PLACE	HİLAL ALÜMİNYUM İTHALAT İHRACAT SANAYİ VE TİCARET LİMİTED ŞİRKETİ
ÜRETİM YERİ ADRESİ ADDRESS OF THE MANUFACTURING PLACE	EDİRNE ORG. SAN. BÖLG. 5.CAD. NO:11/18 SÜLÜĞÜLÜ EDİRNE / TÜRKİYE 075027-TSE-04/03
İPTAL EDİLEN BELGE NUMARASI (Varsa) INDICATION OF SUPERSEDED LICENCE (if any)	hılal alüminyum ithalat ihracat sanayi ve ticaret limited şirketi
TEGİLLİ TİCARİ MARKASI REGISTERED TRADE MARK	TS EN 755-1:2016 + 19.12.2016
İĞLÜLÜ TÜRK STANDARTI RELATED TURKISH STANDARD	
BELGE KAPSAMI SCOPE OF LICENCE	
ALÜMİNYUM ALAŞIMLARI	
EKSTROZYONLU İMAL EDİLMİŞ YUVARLAK ÇUBUKLAR – EN AW 6060 ALAŞIMINDAN İMAL EDİLMİŞ EKSTROZYONLU İMAL EDİLMİŞ YUVARLAK ÇUBUKLAR – EN AW 6063 ALAŞIMINDAN İMAL EDİLMİŞ,	

e-imza ile e-signé

16.12.2024

**Belgelendirme Merkezi Başkanı Adına
AKDOĞAN BULUT**

İSTANBUL BELGELENDİRME MÜDÜRÜ V.

*Bu belge, belgelendirme işlemi sonucu verilen Emlaklandırma belgelendirmesi kapsamında hazırlanmıştır.

*Bu belge, bu işlemin farklı aşamaları, kurulan veya kurulacak kuruluşların görüşmelerine, kabul ve onayına tabidir.

*İSTANBUL BELGELENDİRME MERKEZİ'NE Adres: Güzelyurt, Yeni Saraylar, Nispetiye/Beşiktaş - İstanbul. Telefon: 0212 372 61 67 / Faks: 0212 372 61 68

*İSTANBUL BELGELENDİRME MERKEZİ BAŞKANLIĞI Adres: Neşatlılar Caddesi No:112 08100 Beşiktaş/Beşiktaş - İstanbul. Telefon: 0212 372 61 67 / Faks: 0212 372 61 68 / E-posta: belgelendirme@ibm.gov.tr / web@ibm.gov.tr

<https://evrakkontrol.tse.org.tr/BelgeDogrulama.aspx?p=99> abiyag adresinden belgenin doğruluğunu ve geçerliliğini sorgulayınız.



BELGE NUMARASI REFERENCE NUMBER OF LICENCE	075027-TSE-01/04
BELGENİN İLK VERİŞİŞ TARİHİ DATE OF FIRST ISSUE OF LICENCE	21.03.2013
BELGENİN SON GEÇERLİLİK TARİHİ LICENCE VALID UNTIL	20.12.2025
BELGE SAHİBİ KURULUSUN ADI NAME OF THE LICENCE HOLDER	HİLAL ALMÜNYUM İTHALAT İHRACAT SANAYİ VE TİCARET LİMİTED ŞİRKETİ
BELGE SAHİBİ KURULUSUN ADRESİ ADDRESS OF THE LICENCE HOLDER	HÜRRİYET MAH. DR.CEMİL BENGÜ CAD. NO.622 KAGITHANE İSTANBUL/TÜRKİYE
ÜRETİM YERİ ADI NAME OF THE MANUFACTURING PLACE	HİLAL ALMÜNYUM İTHALAT İHRACAT SANAYİ VE TİCARET LİMİTED ŞİRKETİ
ÜRETİM YERİ ADRESİ ADDRESS OF THE MANUFACTURING PLACE	EDİRNE ÖRG. SAN. BÖLGE. 5. CAD. NO:11/18 SÜLÜĞÜLÜ EDİRNE / TÜRKİYE 075027-TSE-01/03
İPTAL EDİLEN BELGE NUMARASI (Varısa) INDICATION OF SUPERSEDED LICENCE (If any)	
TİCARETİ TİCARİ MARKASI REGISTERED TRADE MARK	hilel aliminyum ithalat ihracat sanayi ve ticaret limited şirketi TS EN 755-1:2016 / 09.12.2016
İLGİLİ TÜRK STANDARTI RELATED TURKISH STANDARD	
BELGE KAPSAMI SCOPE OF LICENCE	

e-imza ile v-signed

16.12.2024

Belgelendirme Merkezi Başkanı Adına
AKOĞAAN BULUT

İSTANBUL BELGELENDİRME MÜDÜRÜ V.

The below Belgelendirme Müdürü, Üstün Yeterlilikli Elektronik Belgelendirme yetkisiyle belgelendirme ve onaylar.
The below Belgelendirme Müdürü, Üstün Yeterlilikli Elektronik Belgelendirme yetkisiyle belgelendirme ve onaylar.
The below Belgelendirme Müdürü, Üstün Yeterlilikli Elektronik Belgelendirme yetkisiyle belgelendirme ve onaylar.

Tarih: 16.12.2024, BELGELENDİRME MERKEZİ BAŞKANLIĞI, Adres: Necatibasi Cad. No:112/20010 Bakırköy/İSTANBUL - Telefon: 0312 416 50 67 / 416 50 67 - Faks: 0312 416 50 67 - E-posta: belgelendirme@tmmob.com.tr - web: www.tmmob.com.tr







40 YEARS
EXPERIENCE

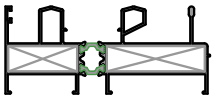
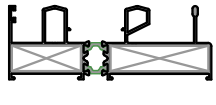
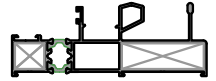
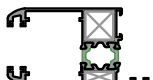
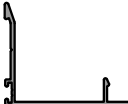
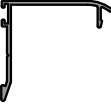


HİLAL
Alüminyum

PROFİL KATALOĞU

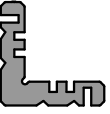
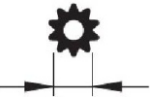
ALUVESA 43 SERİ ALUVESA 43 SERIES

- ★ Profil Ağırlıkları Teorik Olup Teslim Anındaki Ağırlık Geçerlidir
- ★ *Weight of profiles are theoretical, net weight will valid at the time of delivery.*

RESİMLER Pictures	ÜRÜN KODU Product Code	ÜRÜN TANIMI Product Type	AĞIRLIK Weight	STATİK HESAPLAMA Static Calculation	
				J_x [cm ⁴]	J_y [cm ⁴]
	3859/3860	Kasa Profili Frame Profile	2,324 kg/m	124,53	17,68
	3753/3754	Kasa Profili Frame Profile	2,141 kg/m	113,49	14,05
	4500/4500	Adaptör Profili Adaptor Profile	1.496 kg/m	78,44	3,99
	4923/4924	Tek Raylı Kasa Profili Frame Profile Single Rail	1.858kg/m	108,7	11,15
	3755/3756	Kanat Profili Sash Profile	1,463 kg/m	27,01	13,41
	7742/7743	Kanat Profili Sash Profile	1,381 kg/m	27,01	13,41
	3753/8082/3754	3 Raylı Kasa Profili Frame Profile Triple Rail	2,916 kg/m	140,6	18,7
	4502	Cam Çıtası Glazing Bead	0,455 kg/m	...	...
	3752	Cam Çıtası[22mm Cam İçin] Glazing Bead For 22mm	0,183 kg/m	77,44	3,99
	3183	Cam Çıtası Glazing Bead	4,307 kg/m	...	...
	7307	Tek Cam Çıtası Single Glazing Bead	0,244 kg/m	78,44	3,99
	7741	Düz Kenet Profili Straight Edge Clamp Profile	0,400 kg/m	...	...
	3760	Oval Kenet Profili Round Edge Clamp Profile	0,363 kg/m	...	...
	8650	Adaptör Profili Adaptor Profile	0.330 kg/m	78,44	3,99

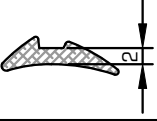
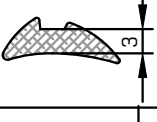
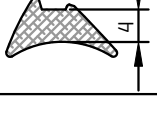
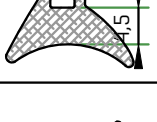
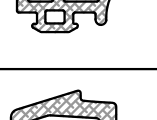
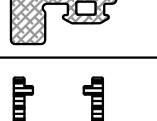
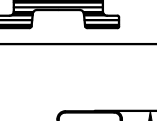
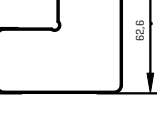
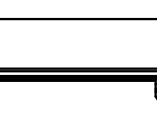
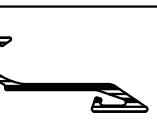
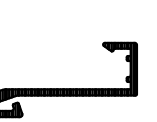
Weight of profiles are theoretical, net weight will valid at the time of delivery.

*Profil Ağırlıkları Teorik Olup Teslim Anındaki Ağırlık Geçerlidir

RESİMLER Pictures	ÜRÜN KODU Product Code	ÜRÜN TANIMI Product Type	AĞIRLIK Weight	PAKETLEME Packing Types
	1843	Sineklik Profili Insect Screen Profile	0,359 kg/m	
	5748	Sineklik Profili Insect Screen Profile	0,553 kg/m	
	4929	Tek Raylı Sürme Eşik - Pervaz Profili Sill Profile for Single Rail	0,513 kg/m	
	3091	Köşe Takoza Corner Cleat Profile	4,306 kg/m	
	7692	Dış Kasa Pervaz Profili Outer Frame Sill Profile	0,406 kg/m	
	9430	Pahlı Pervaz Profili Chamfer Sill Profile	0,395 kg/m	
	HA57-59/3-1	Sürme Kıl Fitol [0,67- 550] Brush	...	1 rulo/ ± 375 mt 1 paket/ 1500 mt
	HA57-59/3-2	Sürme Kıl Fitol 0,67- 550] [Finli] Extruded Brush Pile Seals With Central Fin		1 rulo/ ±650 mt 1 paket/ 1300 mt
 l= 35 mm	H9120	Yatay Kasa İçin Rüzgar Kırıcı Fixed Weather Strip Set	0,256 kg/m	
	HA27-48	Zamak Sürme Karşılık Frame Strikers [Zamak]		500 ad/paket
	HA52-5007	Sineklik Köşe Takoza [45° 17x25-17x42] Corner Cleat For Insect Screen	...	100 ad/paket
	HA57-06/1-S HA57-07/1-S	Sineklik Fitilli [4-5 mm] Flyscreen Gasket [4-5 mm]		100 m/paket

Weight of profiles are theoretical, net weight will valid at the time of delivery.

*Profil Ağırlıkları Teorik Olup Teslim Anındaki Ağırlık Geçerlidir

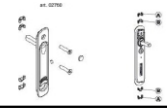
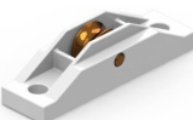
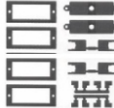
RESİMLER Pictures	ÜRÜN KODU Product Code	ÜRÜN TANIMI Product Type	AĞIRLIK Weight	PAKETLEME Packing Types
	HL31	İç Cam Fitili - 2 mm [EPDM] Inside Glazing Gasket [2 mm]	40 gr/m	15 kg/ 375 m
	HL04	İç Cam Fitili - 3 mm [EPDM] Inside Glazing Gasket [3 mm]	60 gr/m	15 kg/ 250 m
	HL07	İç Cam Fitili - 4 mm [EPDM] Inside Glazing Gasket [4 mm]	63 gr/m	15 kg/ 238 m
	HL02	İç Cam Fitili - 4.5 mm [EPDM] Inside Glazing Gasket [4,5 mm]	85 gr/m	15 kg/ 166 m
	HL70	Dış Cam Fitili [EPDM] Outside Glazing Gasket	43 gr/m	15 kg/ 340 m
	HL116	Pervaz Altı Destek Fitili [EPDM] Sill Support Gasket [EPDM]	110 gr/m	15 kg/ 136 m
	HA-B9749	PVC İspanyolet Besleme Kiti PVC Espagnolette Guide	300 gr/m	6 m/boy
	HA56-04/3-1	Sürme Kanat Onbaşı [32,3x62,6] [Metal Parça] Corner Joints [Metal]	...	100 ad/paket
	HA-B9728	Havuz Plastiği [Plastik Prf.] Insulation Plastic	133gr/m	6 m/boy
	HA-B9727	Oval Kenet Bariyeri [Plastik Prf.] Clamp Plastic	175gr/m	6 m/boy
	HA-B9727.1	Düz Kenet Bariyeri [Plastik Prf.] Clamp Plastic	175gr/m	6 m/boy
	HA28-08/4~9	Sürme İspanyolet [30-40-60-80-100-120-140-160-180- 200] cm Sliding Espagnolette	...	20ad/ paket

Weight of profiles are theoretical, net weight will valid at the time of delivery.

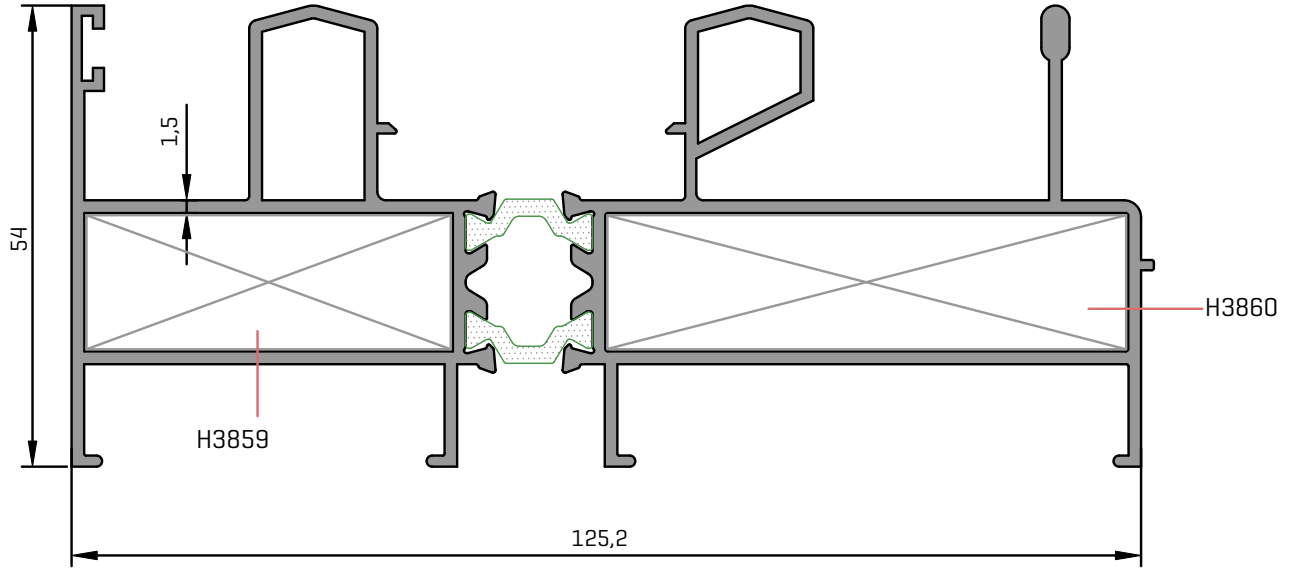
*Profil Ağırlıkları Teorik Olup Teslim Anındaki Ağırlık Geçerlidir

Weight of profiles are theoretical, net weight will valid at the time of delivery.

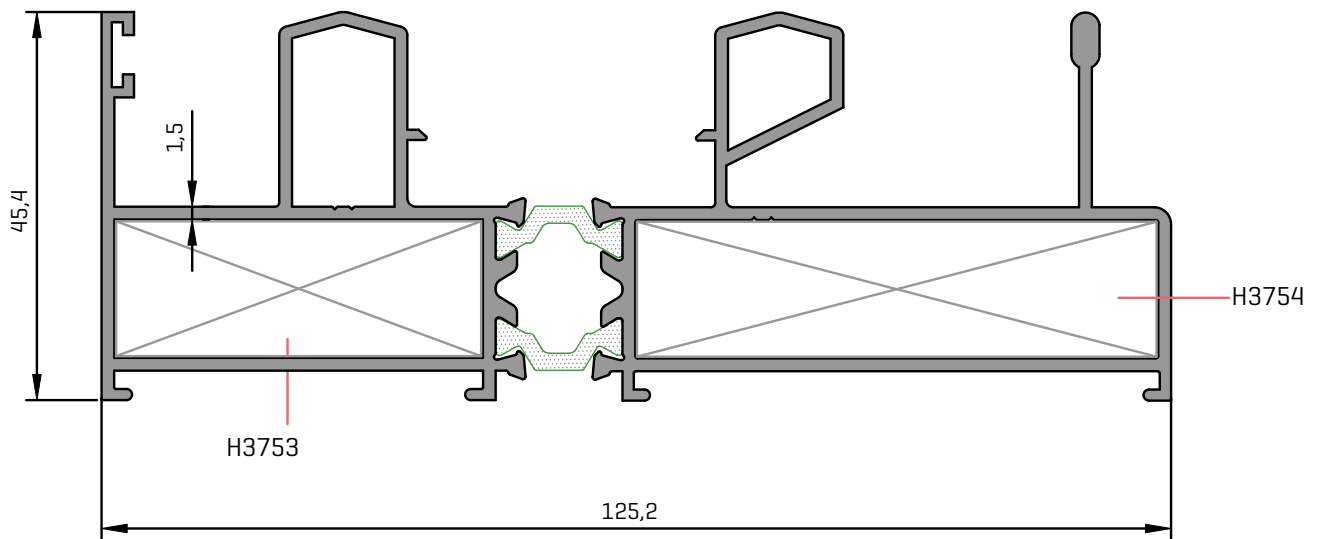
*Profil Ağırlıkları Teorik Olup Teslim Anındaki Ağırlık Geçerlidir

RESİMLER Pictures	ÜRÜN KODU Product Code	ÜRÜN TANIMI Product Type	AĞIRLIK Weight	PAKETLEME Packing Types
	HA32-11/GRS	Havuz Kol Yaylı Recessed Handles	...	1 adet
	02760	Sürme Gizli Kol Giesse Recessed Window Handles	...	8 ad/paket
	HA54-9080-9160	Sineklik Tül Insect Screen	...	6 rulo/paket
	HA29-01/H6	Alüminyum Pencere Kolu Aluminium Window Handles	...	50 ad/paket
	HA52-5060	Sürme Sineklik Rulmanı Pulleys for Insect Screen	...	100 ad/paket
	HA42-36/1	Tozluk Fiteli Dust Barrier	...	1 Takım
	HE-9001	Stoper Stoper	...	1 Takım
	HA26-05	Su Tahliye Tapası Drainage Cap	...	2000 ad/paket
	HA33-07/9	Çiftli Sürme Rulman Pulleys 2 Wheels	...	1 ad/200 paket
	HA-1025-3	Procol Express- Alüminyum Köşe Yapıştırıcı Aluminium Corner Adhesives	280 ml	12 ad/paket
	HA36-01/32	Butil Çıta [12 mm] Sipariş Boyları Std. 3m Butyl Lath [12 mm] Order Length Standart 3m	18,5 kg	1002m/paket

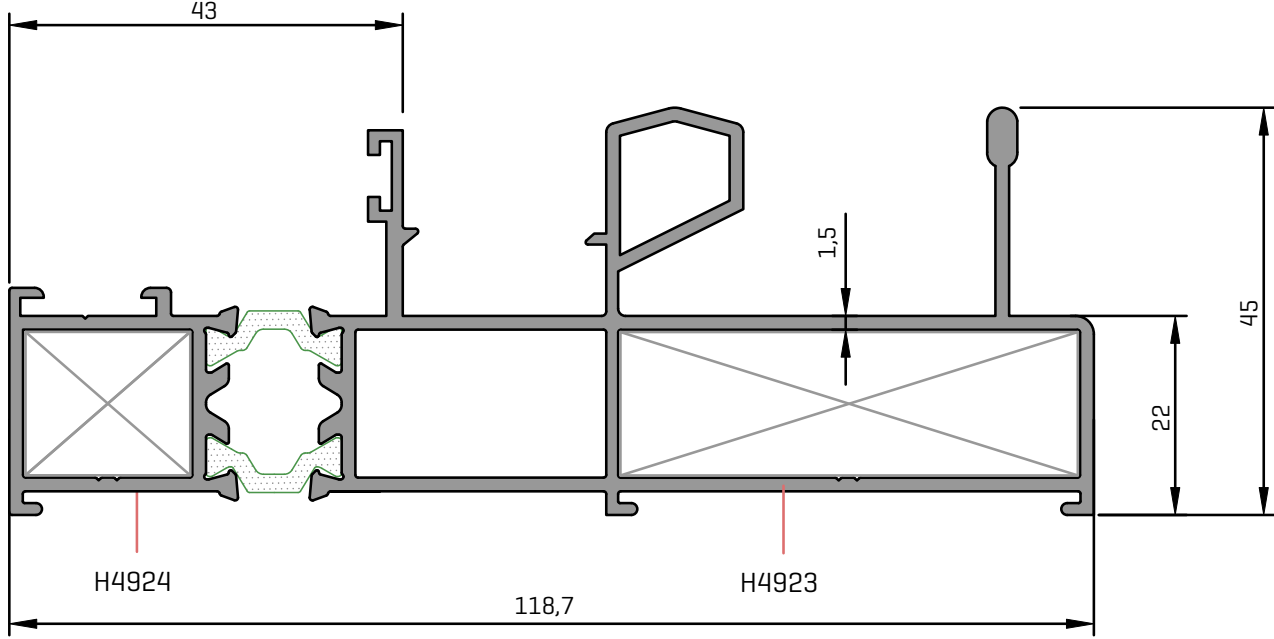
3859/3860
Isı Yalıtımlı Kasa Profili
2,324 kg/m
Jx=124,53 cm $\wedge$ 4 Jy=17,68 cm $\wedge$ 4



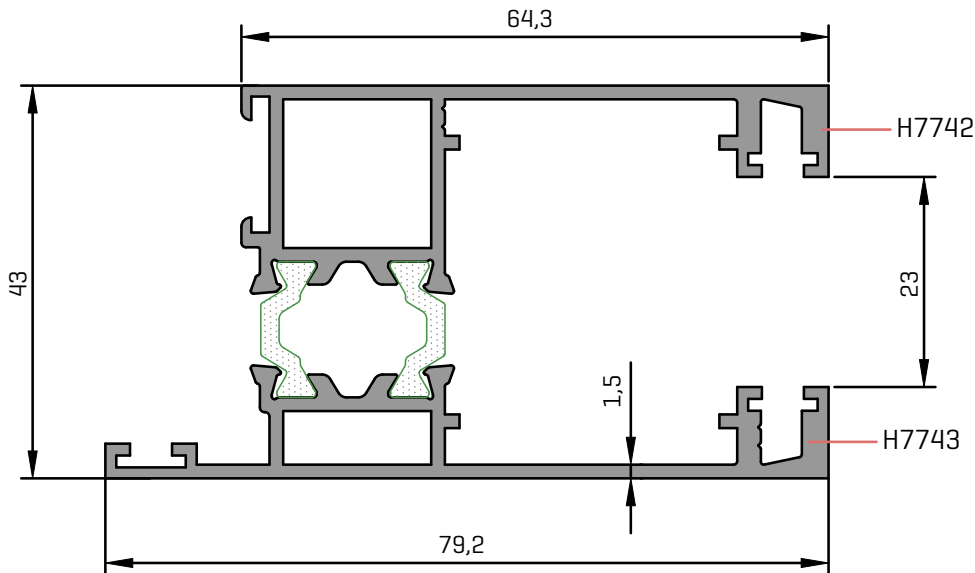
3753/3754
Isı Yalıtımlı Kasa Profili
2,141 kg/m
Jx=113,49 cm $\wedge$ 4 Jy=14,05 cm $\wedge$ 4

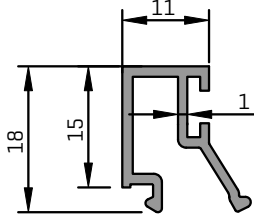


4924/4923
Tek Raylı Kasa Profili
1,618 kg/m
Jx=108,7 cm $\wedge$ 4 Jy=11,15 cm $\wedge$ 4

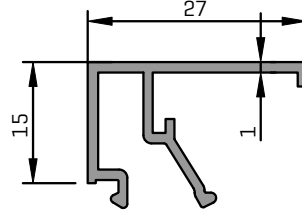


7742/7743
Yalıtımlı Sürme Kanat Profili [Dik Kenarlı]
1,381g/m
Jx=27,01 cm $\wedge$ 4 Jy=13,41 cm $\wedge$ 4

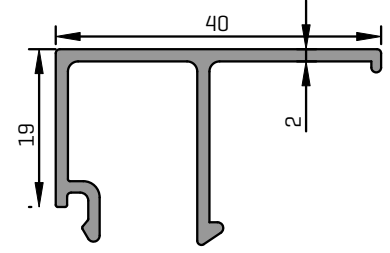




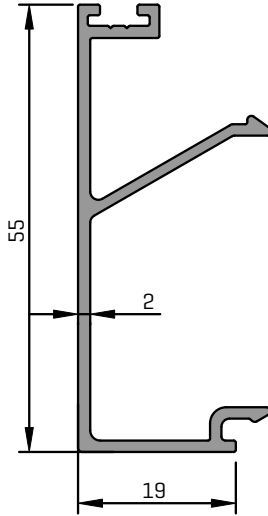
3752
Isı Cam Çıtası [22 mm Cam İçin]
0,187 kg/m
$J_x=78,44 \text{ cm}^4$ $J_y=3,99 \text{ cm}^4$



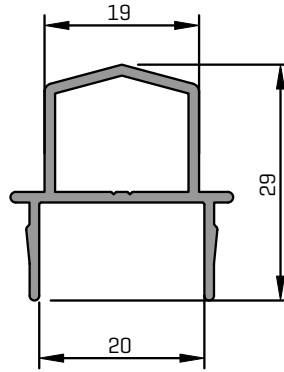
7307
Tek Cam Çıtası
0,244 kg/m
$J_x=78,44 \text{ cm}^4$ $J_y=3,99 \text{ cm}^4$



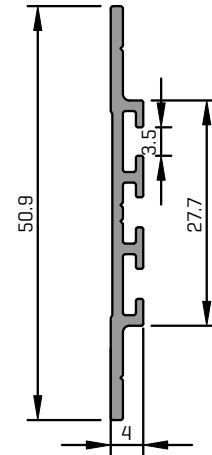
3183
Cam Çıtası
0,377 kg/m



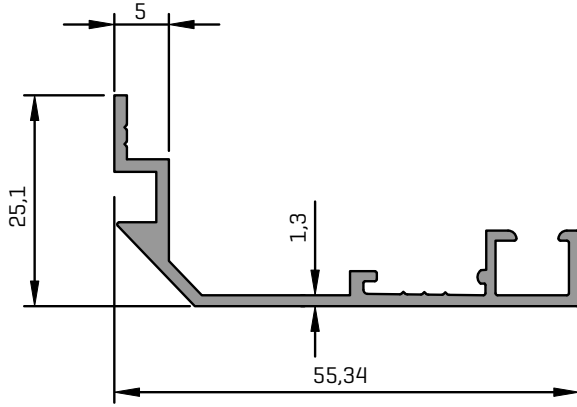
4502
Cam Çıtası
0,474 kg/m



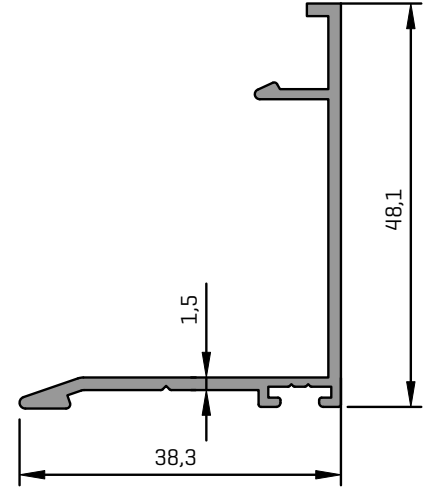
8650
Çift Kanat Açılır Ara Birleşim Profili
0,330 kg/m



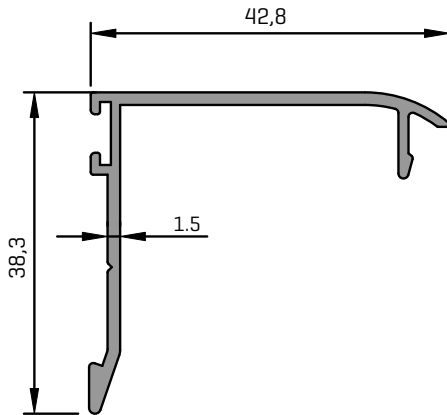
9120
Yatay Kasa İçin Rüzgar Kırıcı
0,256 kg/m



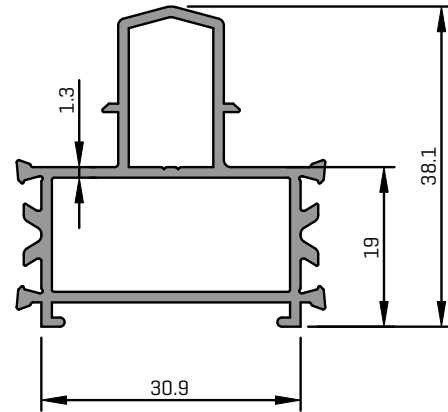
7692
Dış Kasa Pervaz Profili
0,406 kg/m



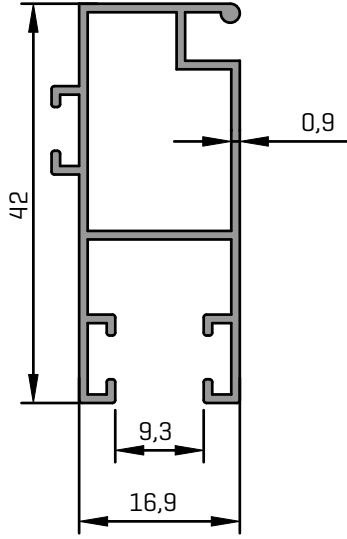
7741
Sürme Kanat Dik Kenarlı Ara Kenet Profili
0,400 kg/m



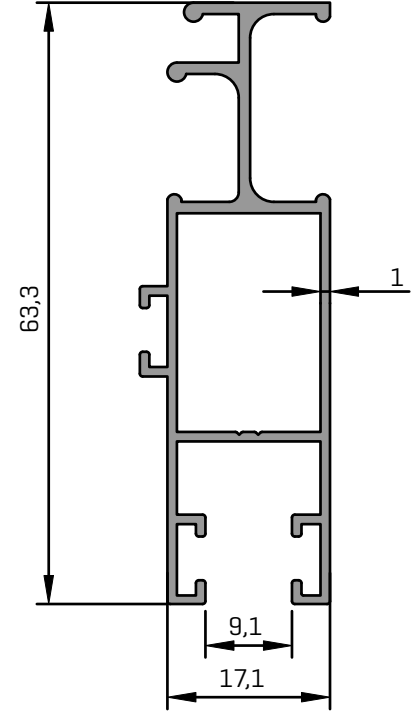
3760
Kenet Profili
0,363 kg/m



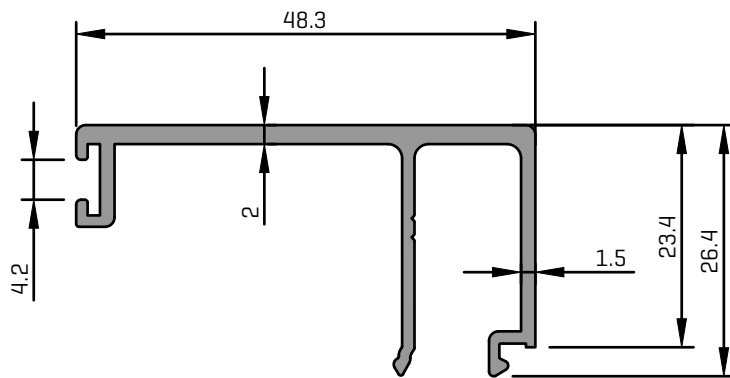
8082
İlave Raylı Kasa
0,846 kg/m



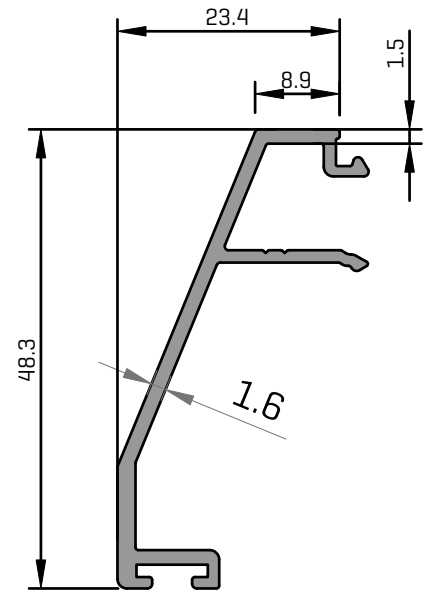
1843
Sineklik Profili
0,359 kg/m



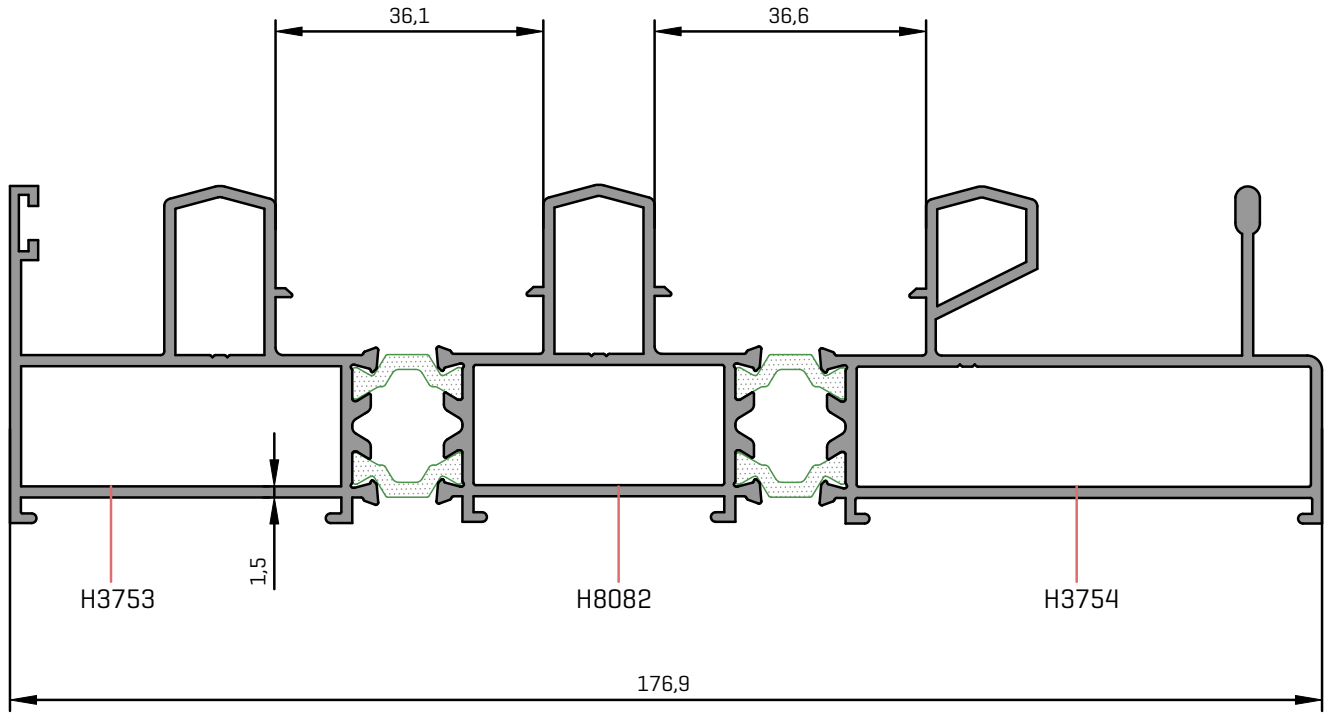
5748
Sineklik Profili
0,553 kg/m



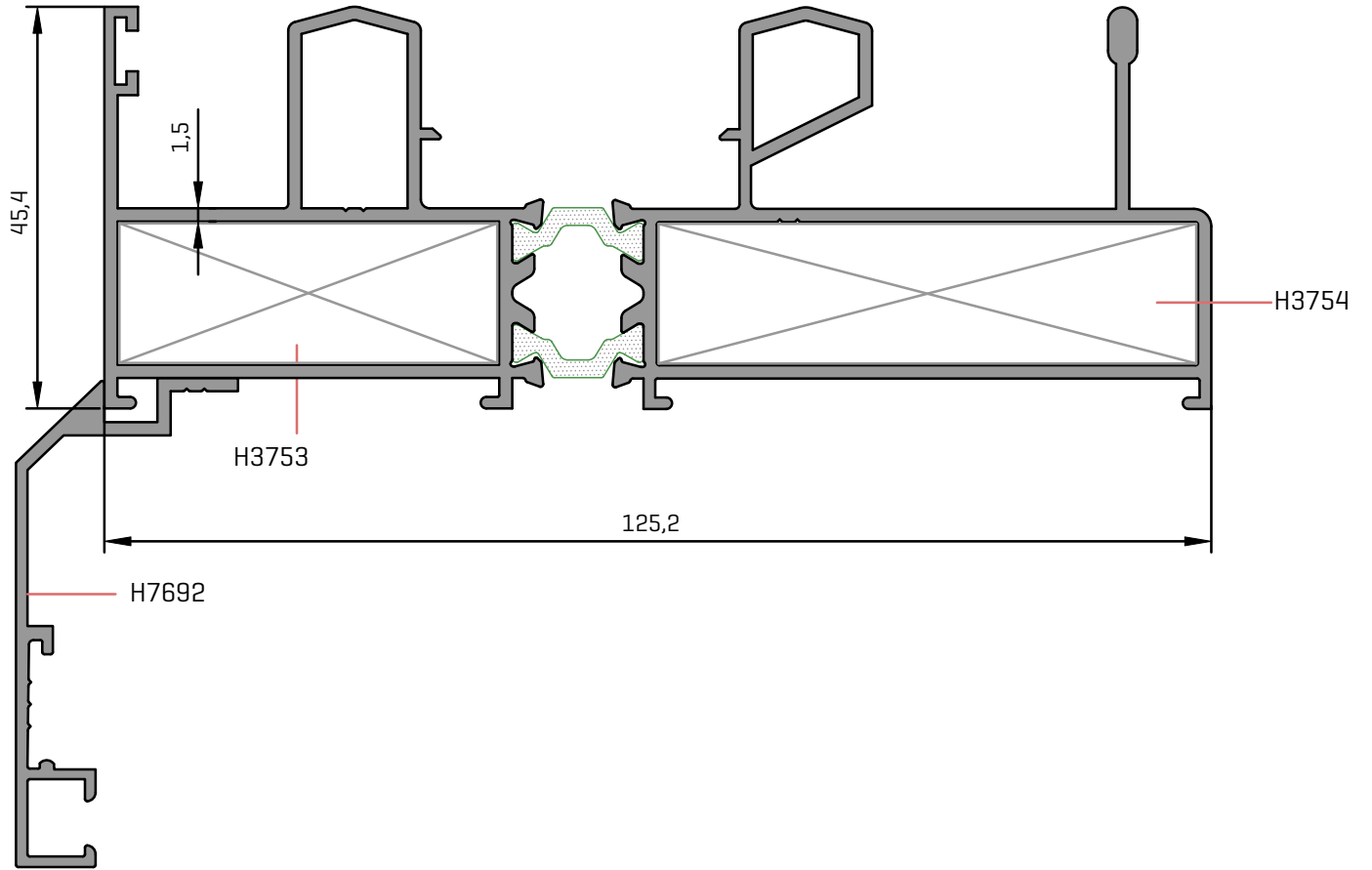
4929
Eşik ve Pervaz Profili
0,553 kg/m



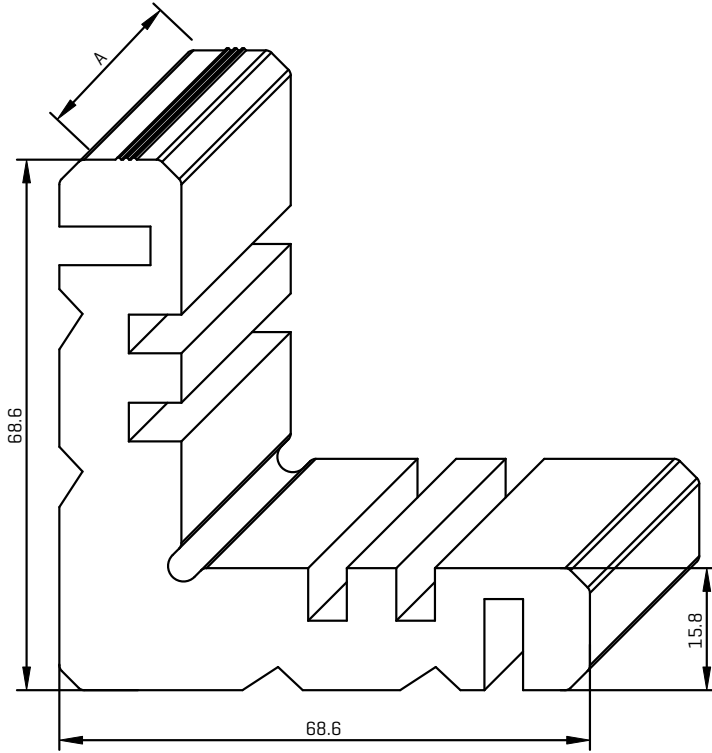
9430
Pahlı Pervaz Profili
0,395 kg/m



3753/8082/3754
Isı Yalıtımlı Kasa Profili
2,916 kg/m
Jx=140,6 cm $\wedge$ 4 Jy=18,7 cm $\wedge$ 4



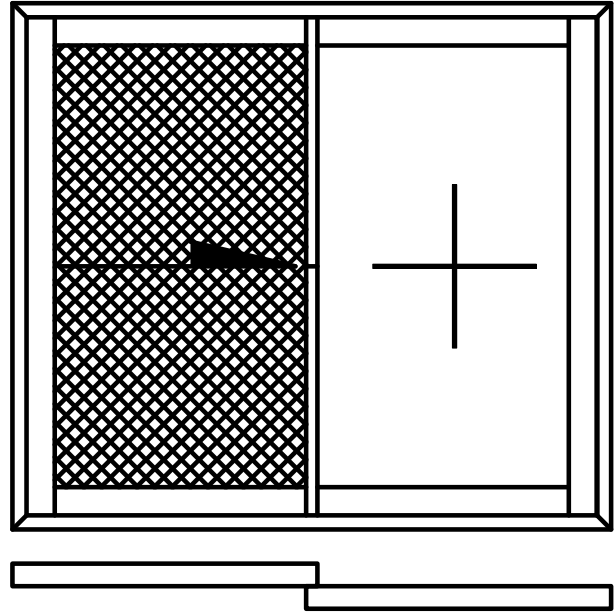
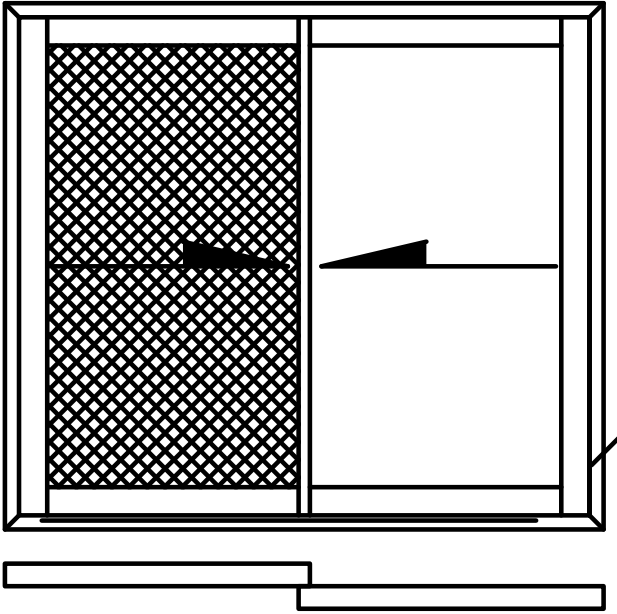
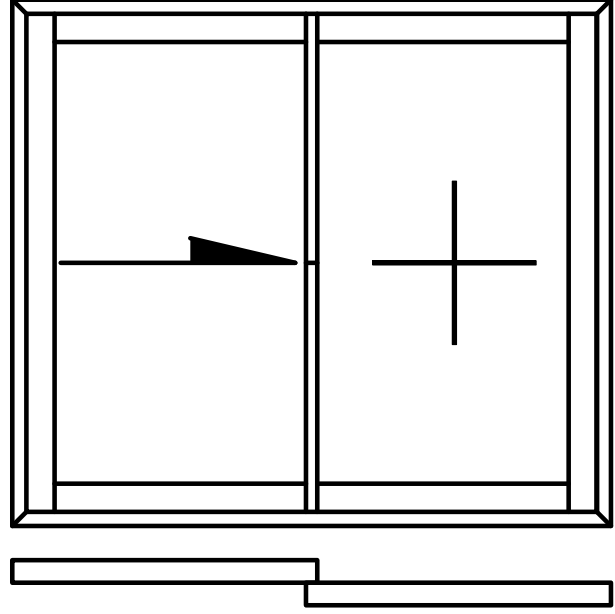
3753/7692/3754
Pervazlı Kasa Profili
2,916 kg/m



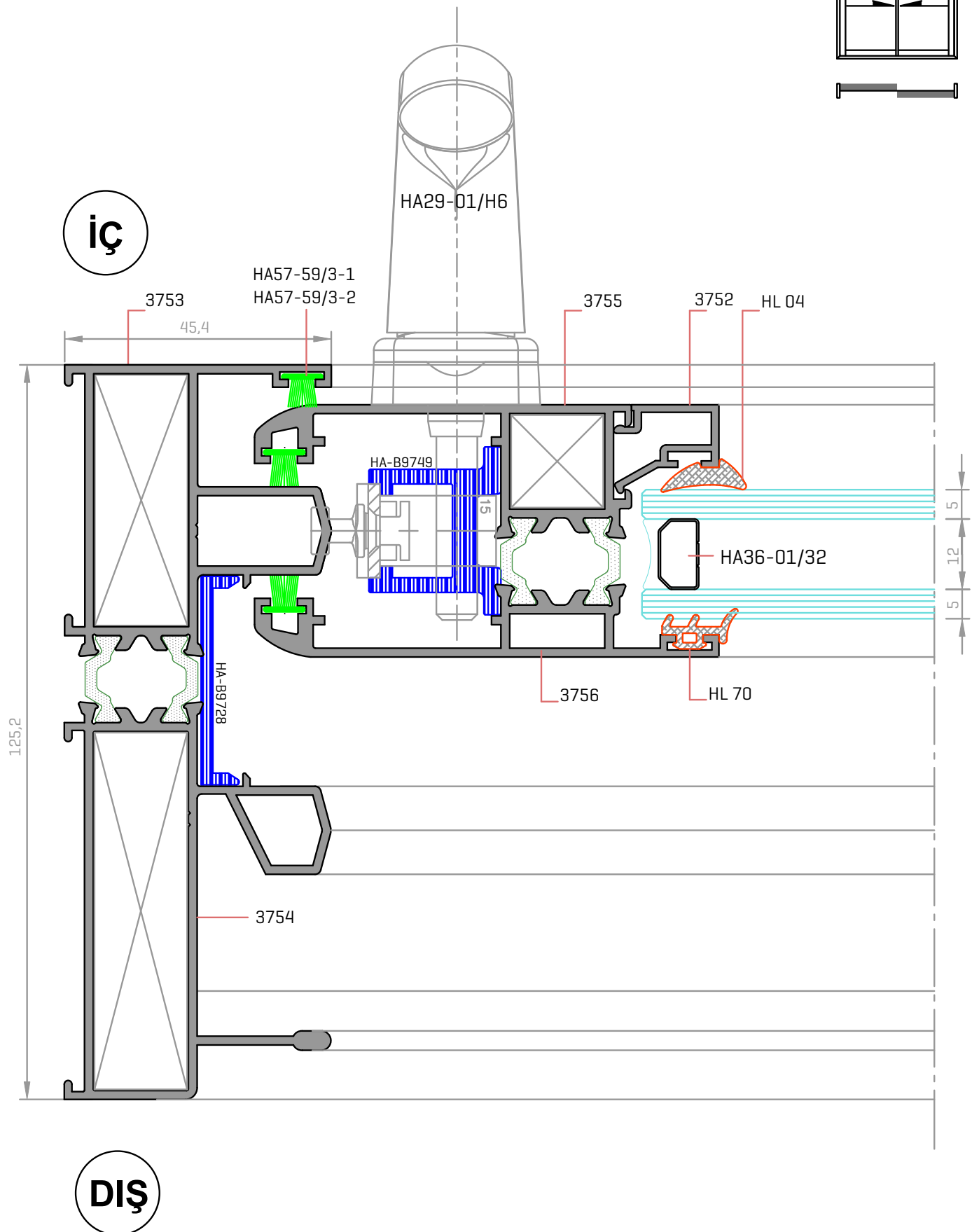
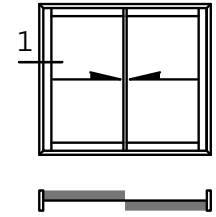
3091
Köşe Takozu
4,307 kg/m

Aksesuar Kodu	Profil Kodu	Kesim Ölçüsü A (mm)
K3091 158	3755/ -	15.8
K3091 158	7742/ -	15.8
K3091 426	3859/3860	42.6
K3091 607	3859/3860	60.7
K3091 426	3753/3754	42.6
K3091 607	3753/3754	60.7
K3091 177	4500/4501	52
K3091 567	4923/4924	50
K3091 457	4923/4924	18,1

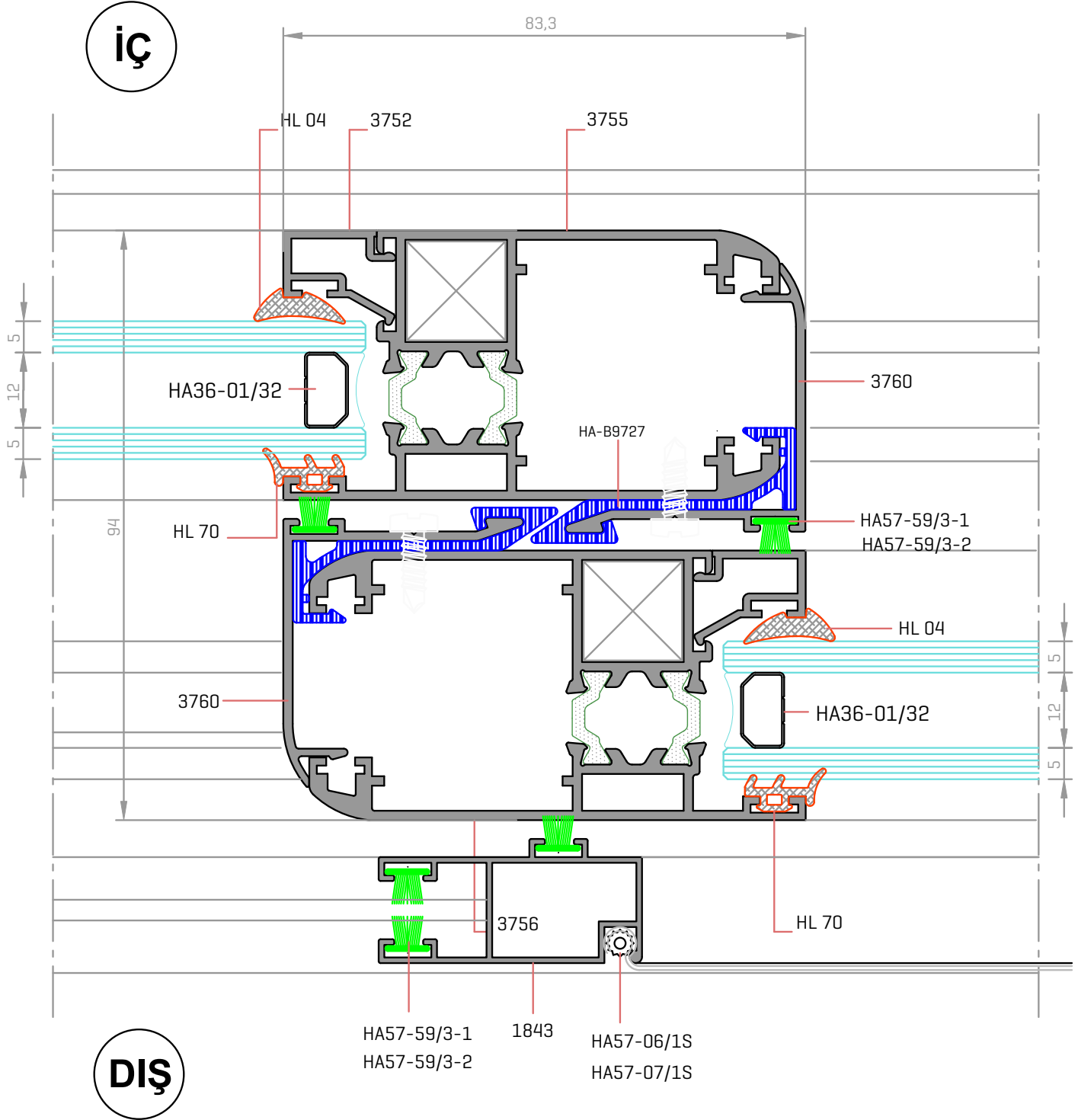
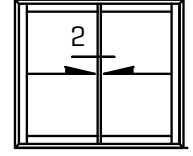
SÜRME UYGULAMA TİPLERİ



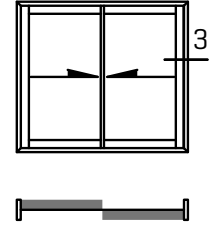
DETAY- 1
ÖLÇEK:1/1



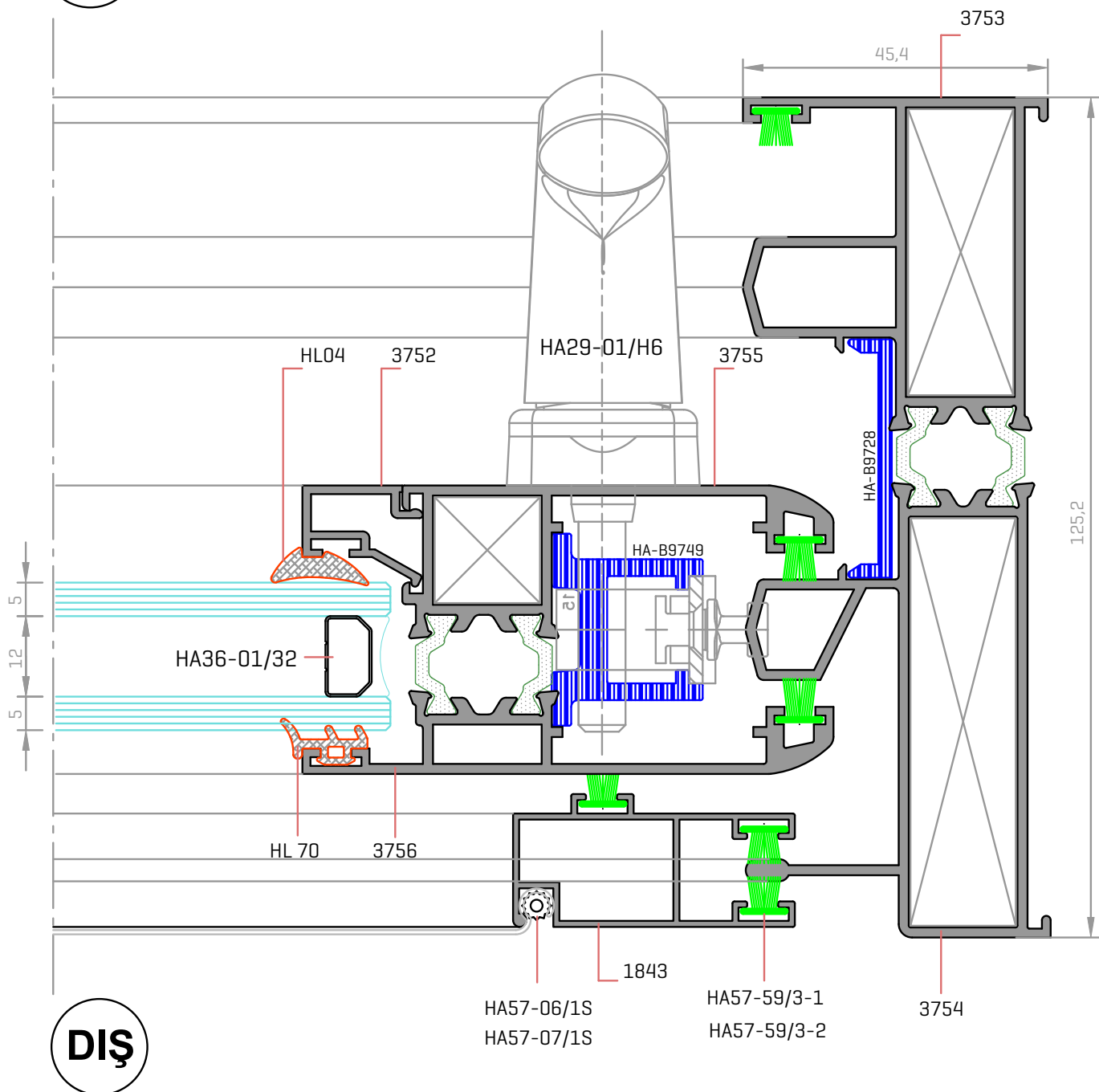
DETAY- 2
ÖLÇEK:1/1



DETAY- 3
ÖLÇEK:1/1

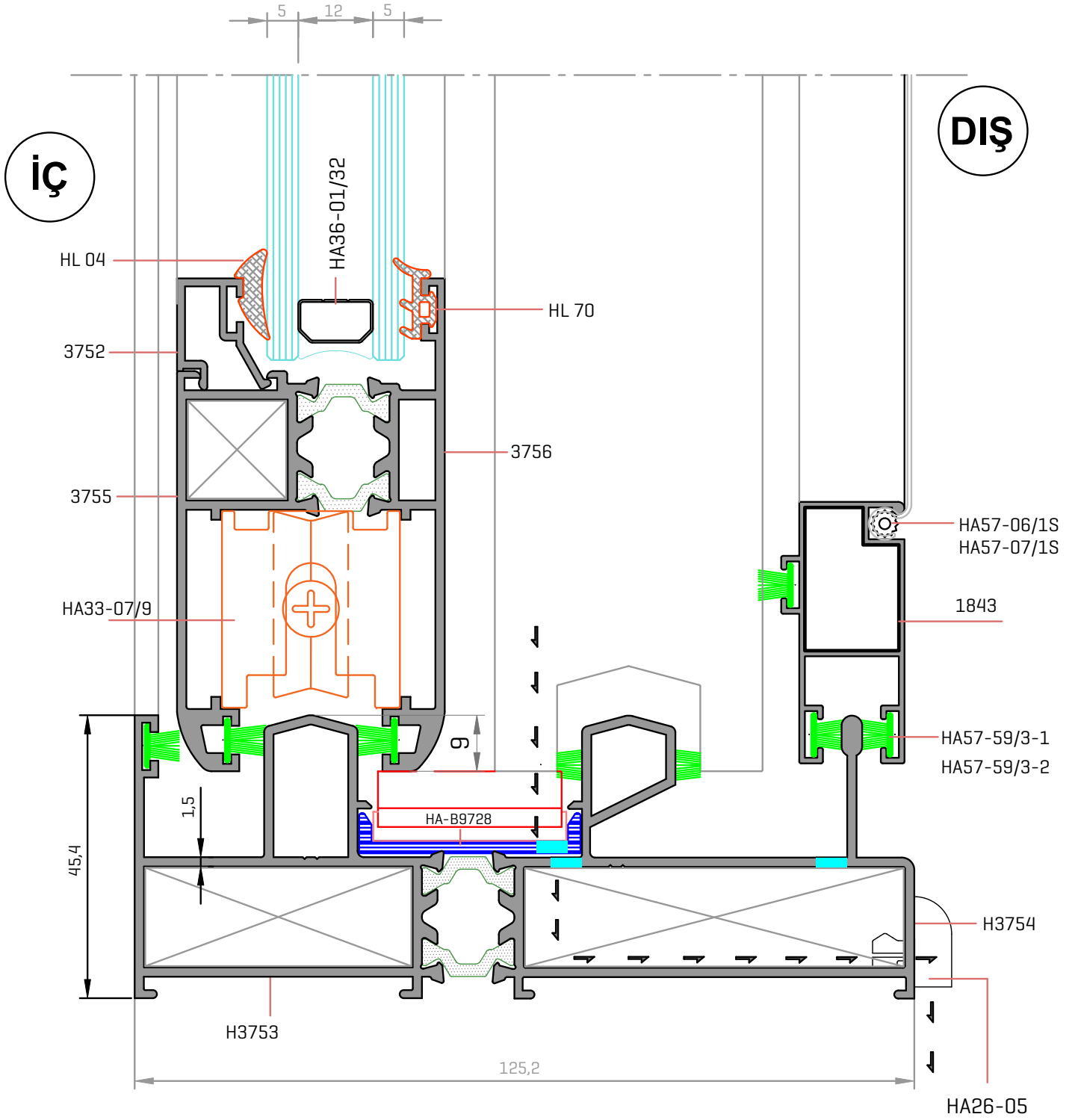
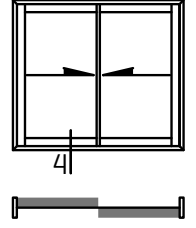


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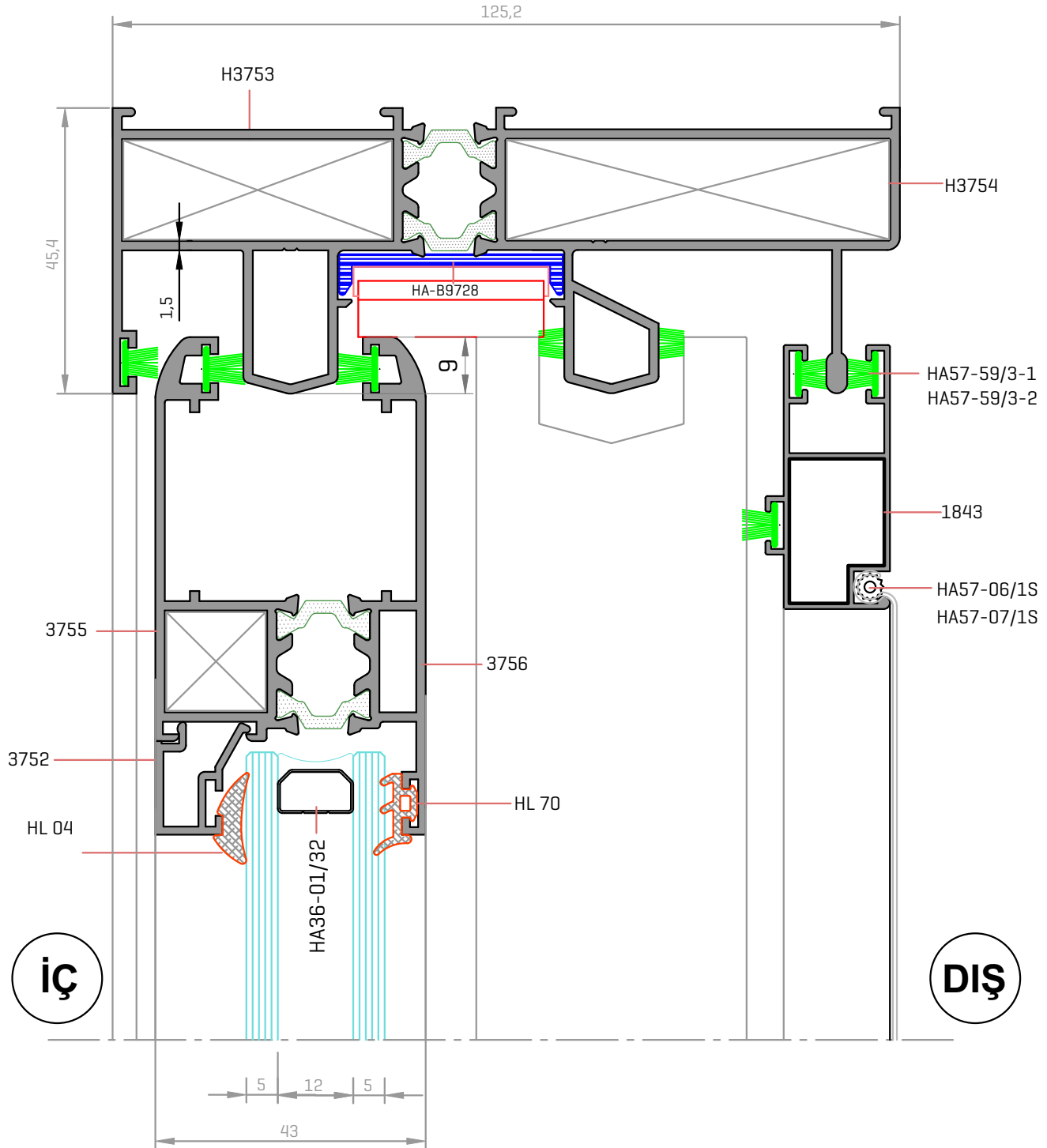
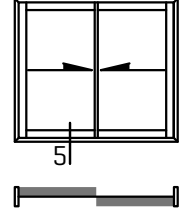


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DETAY- 4
ÖLÇEK:1/1

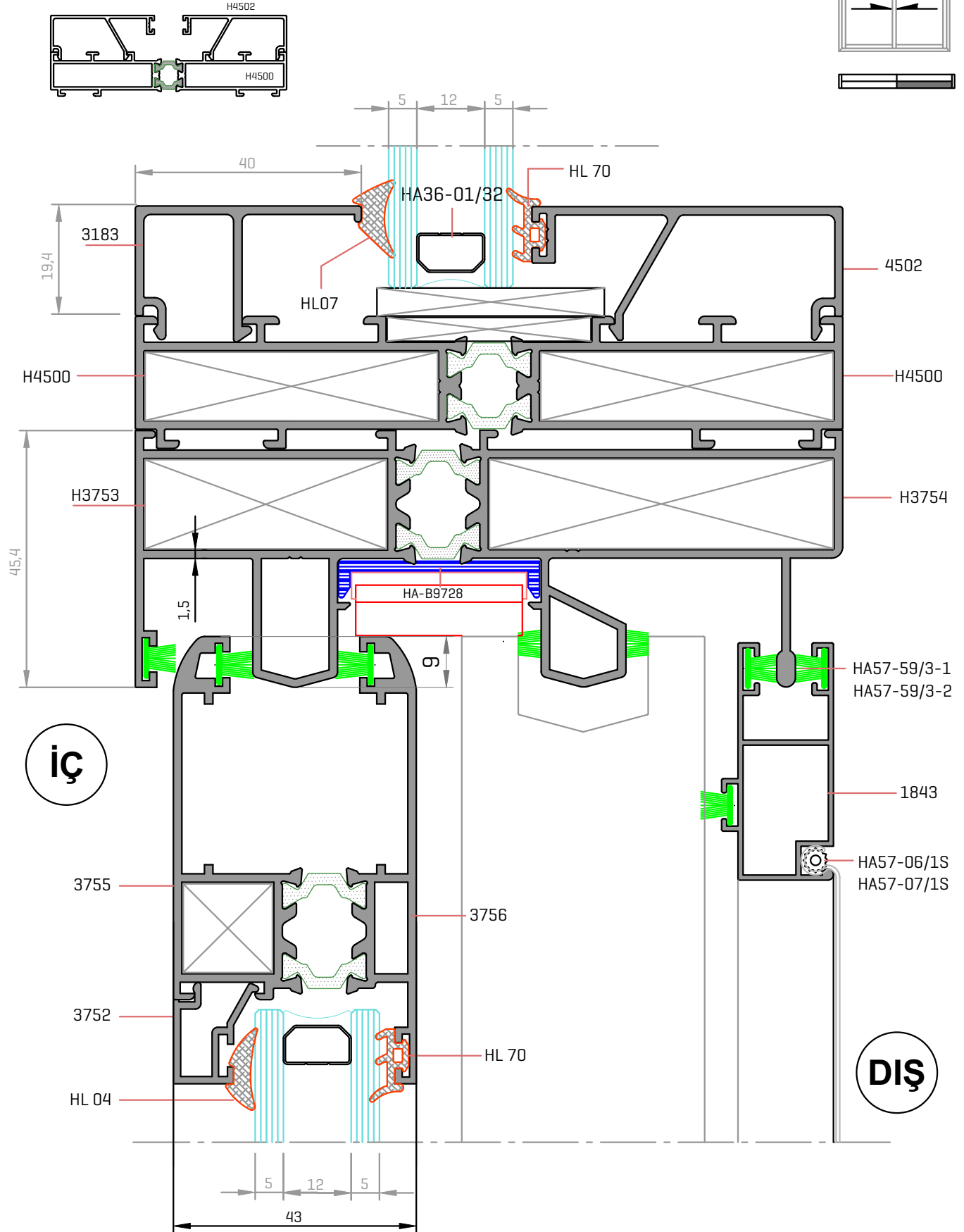


DETAY- 5
ÖLÇEK:1/1

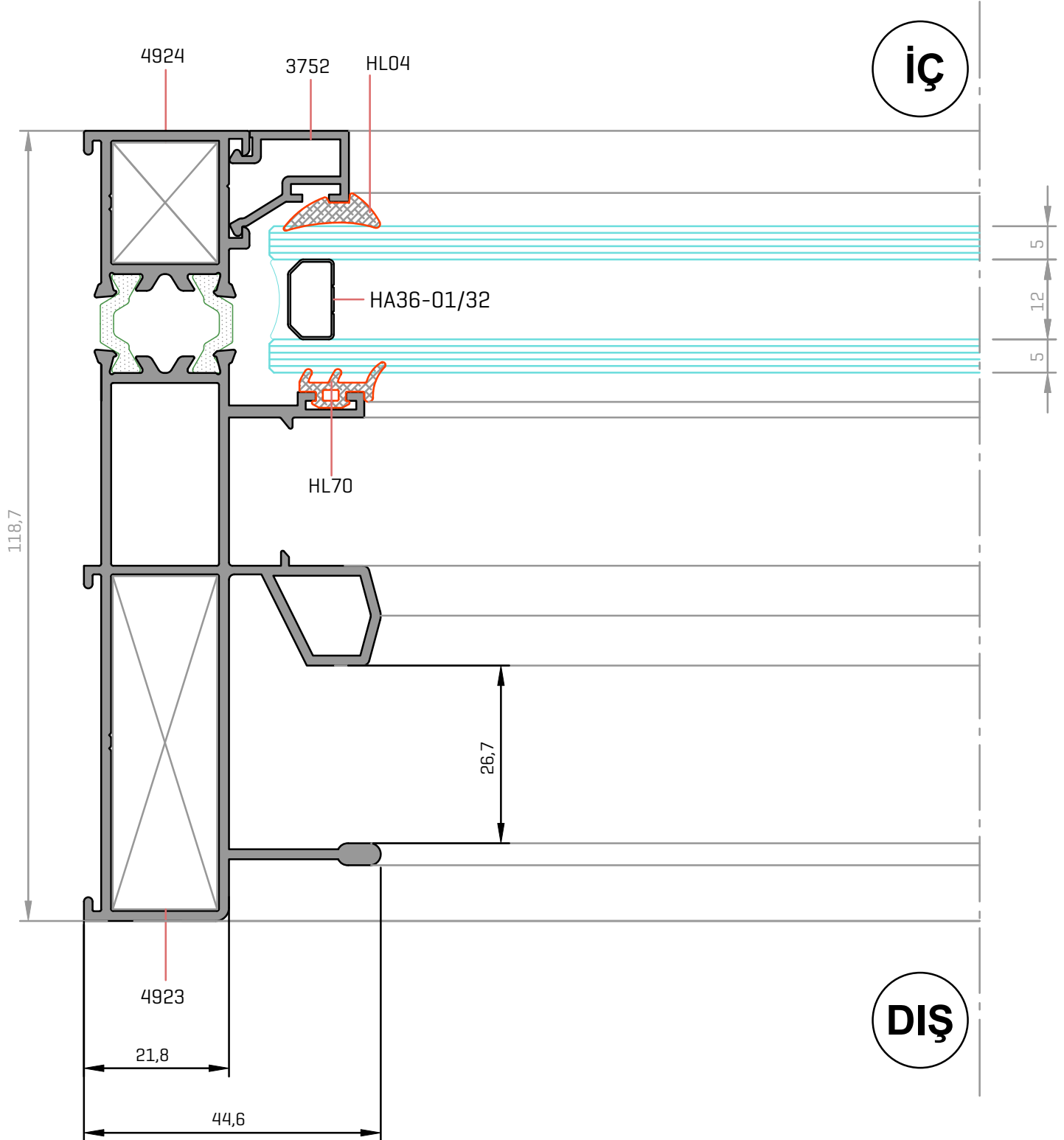
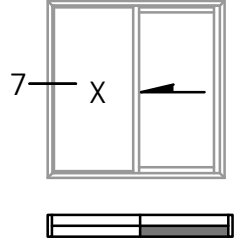


DETAY- 6

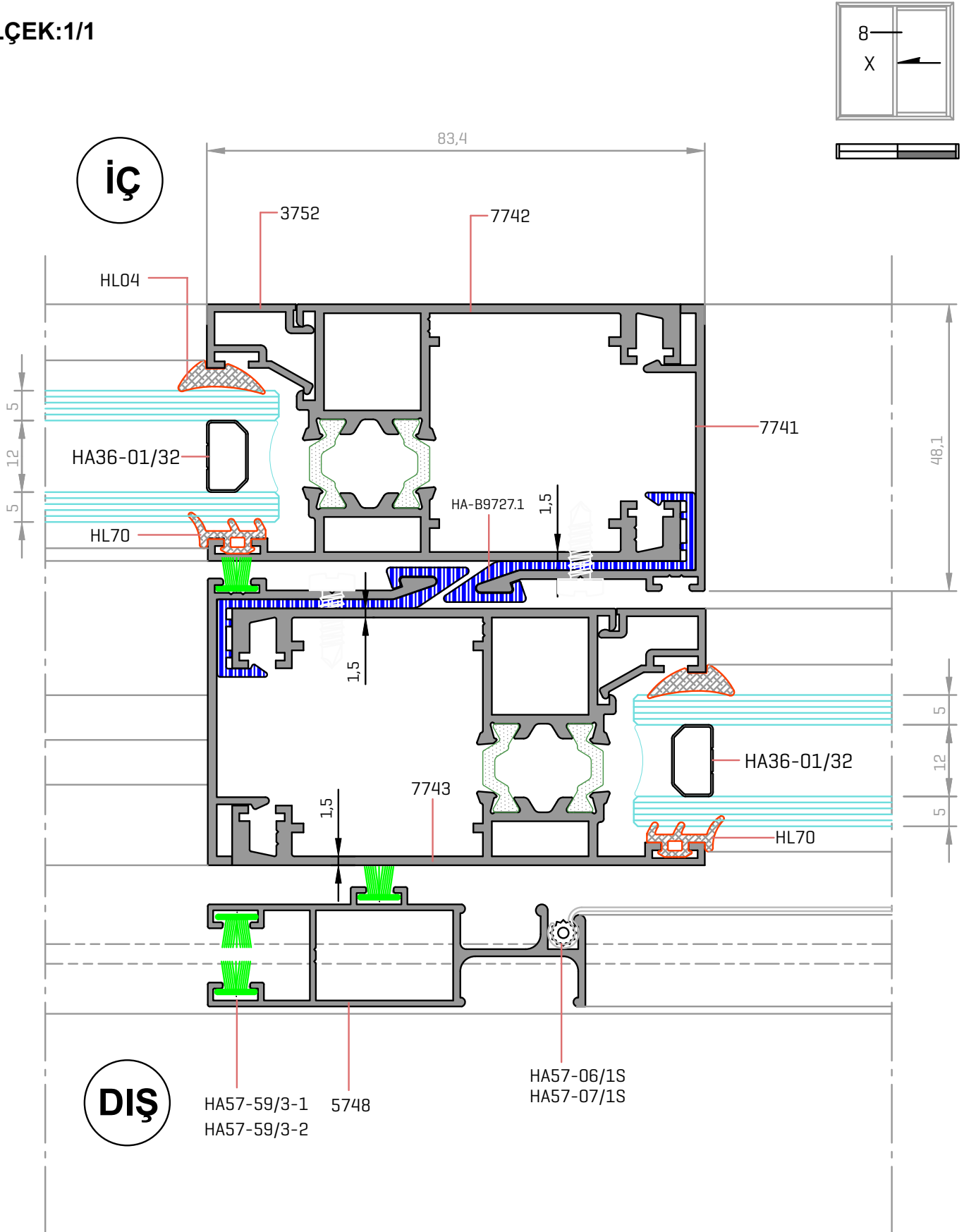
ÖLÇEK:1/1



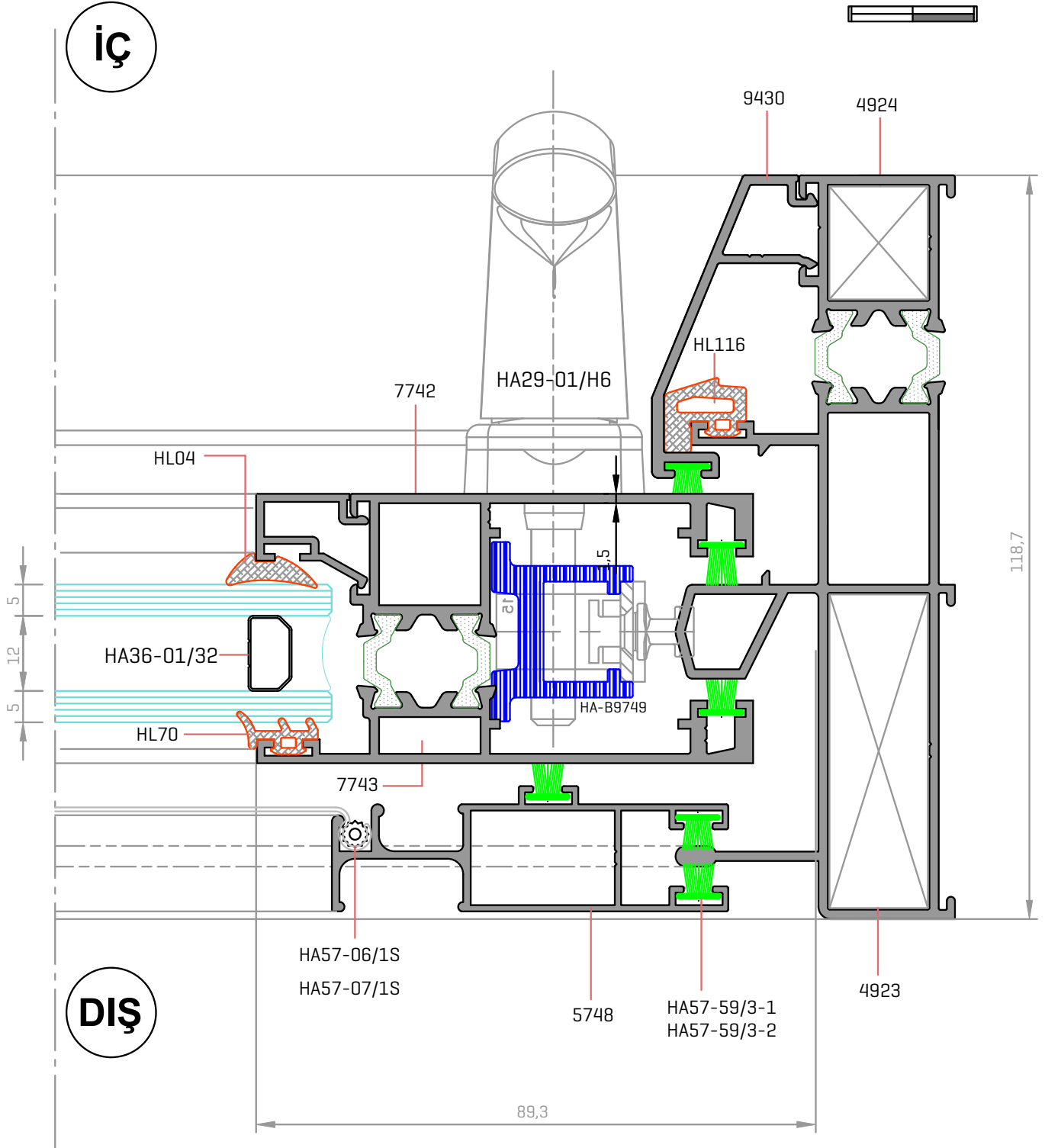
DETAY- 7
ÖLÇEK:1/1



DETAY- 8
ÖLÇEK:1/1

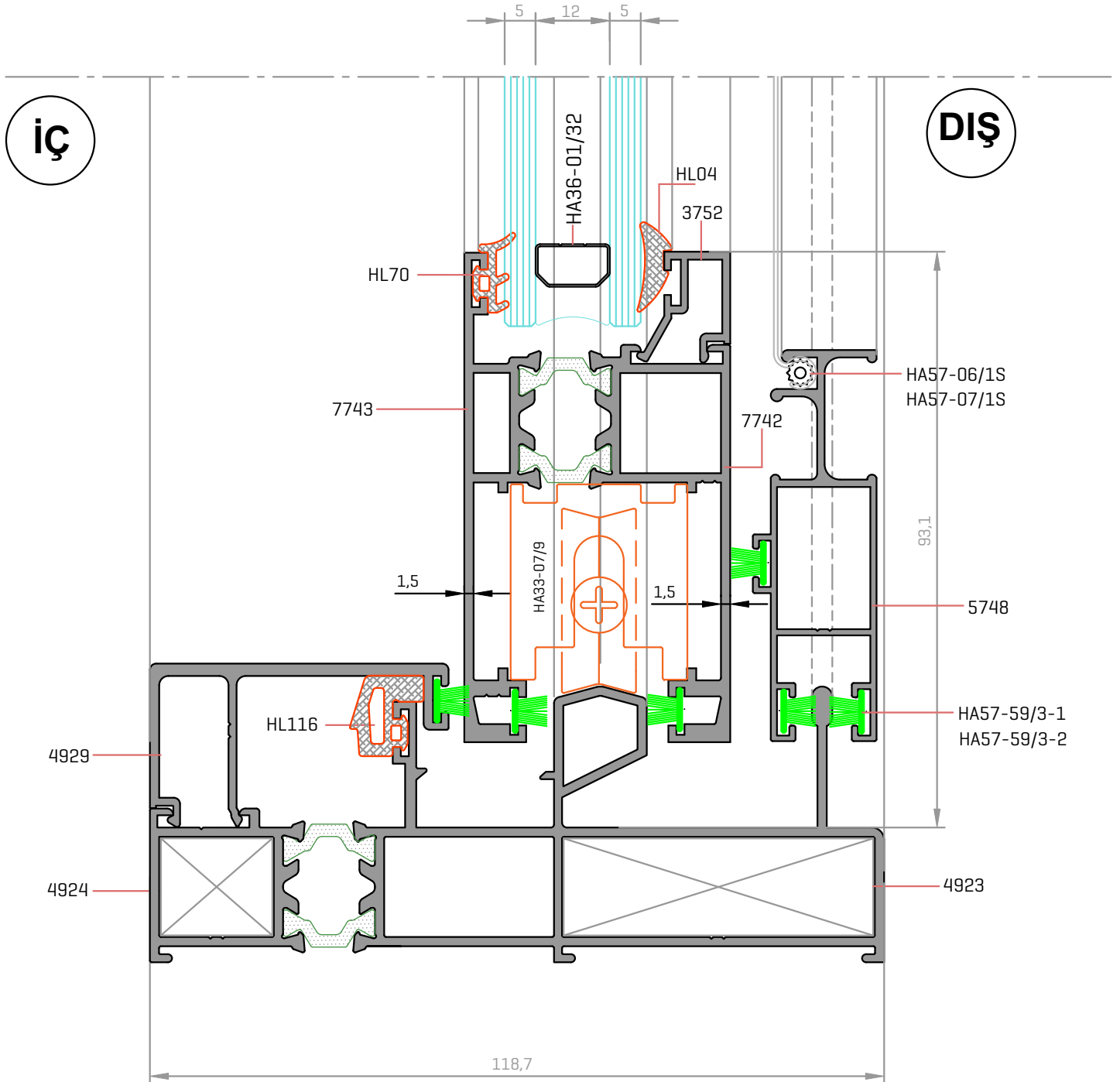
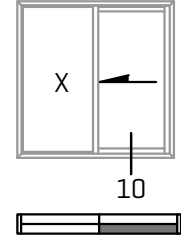


DETAY- 9
ÖLÇEK:1/1



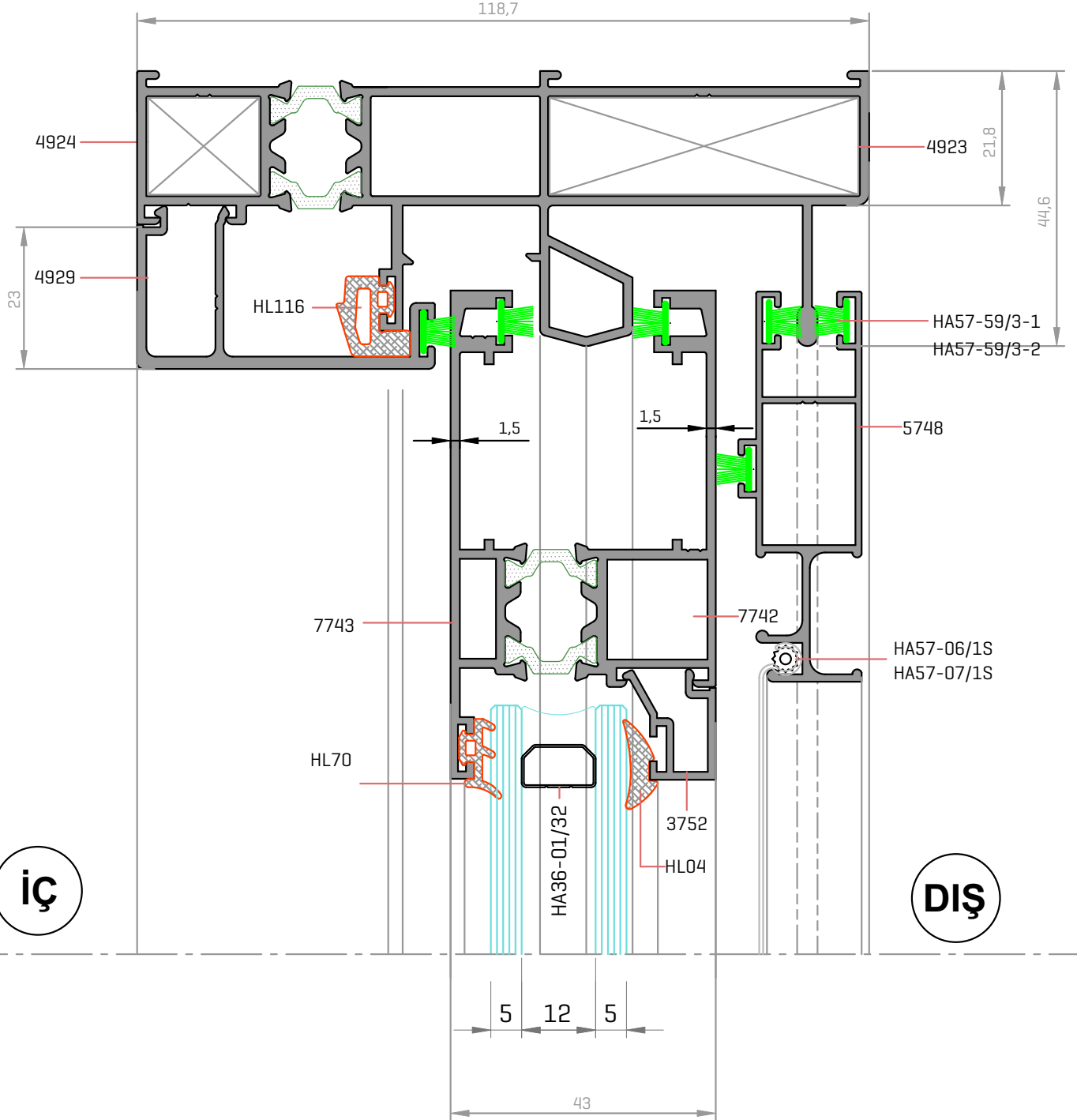
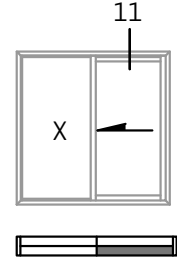
DETAY- 10

ÖLÇEK:1/1



DETAY- 11

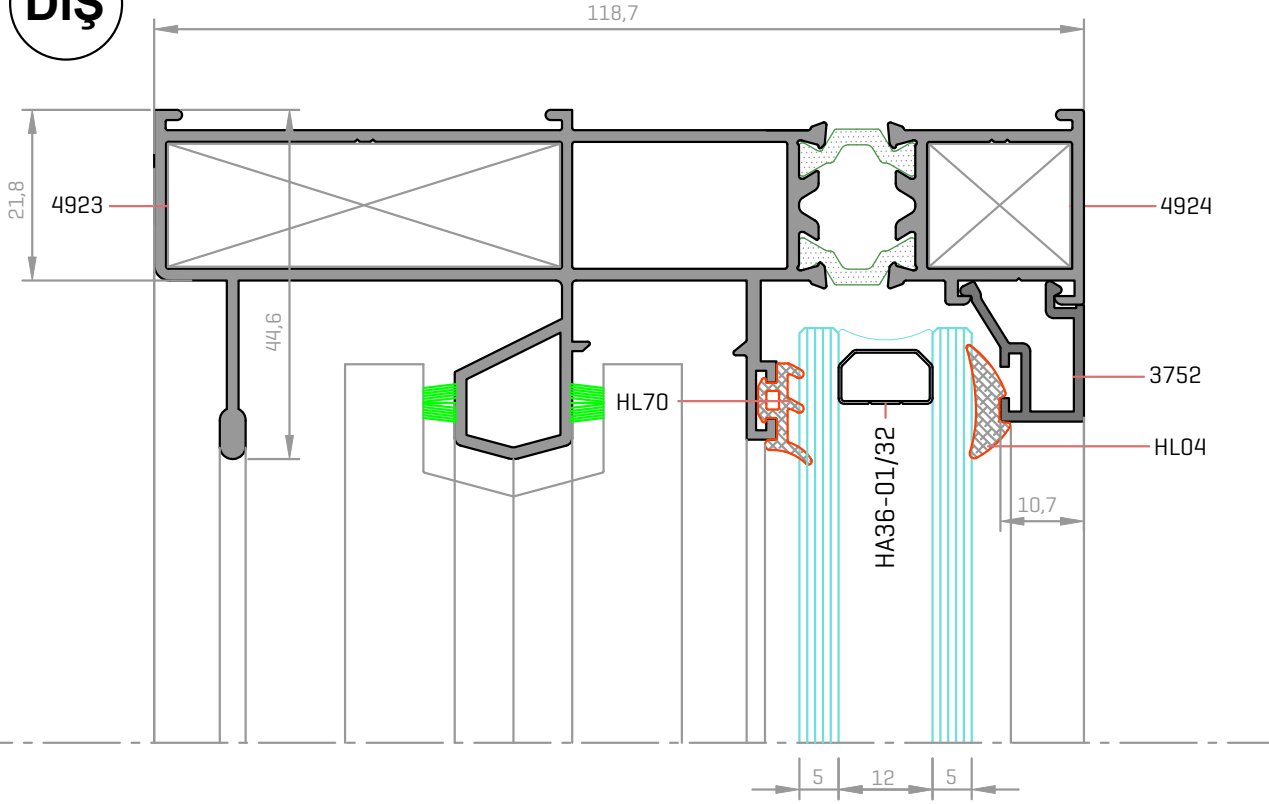
ÖLÇEK:1/1



DETAY- 12

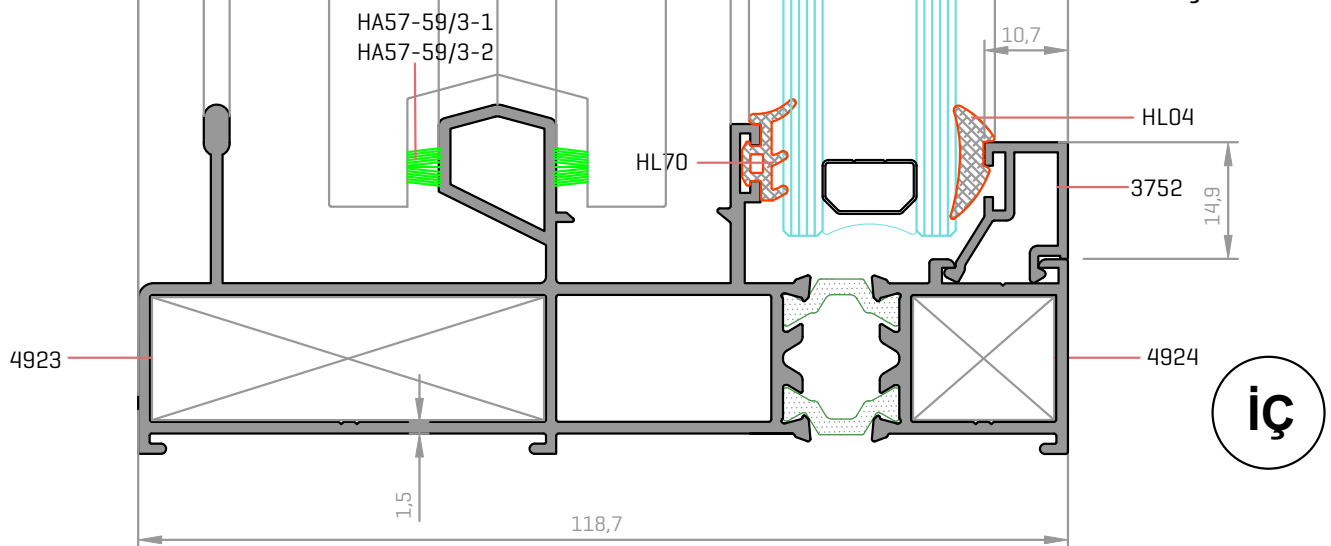
ÖLÇEK:1/1

DIŞ



DETAY- 13

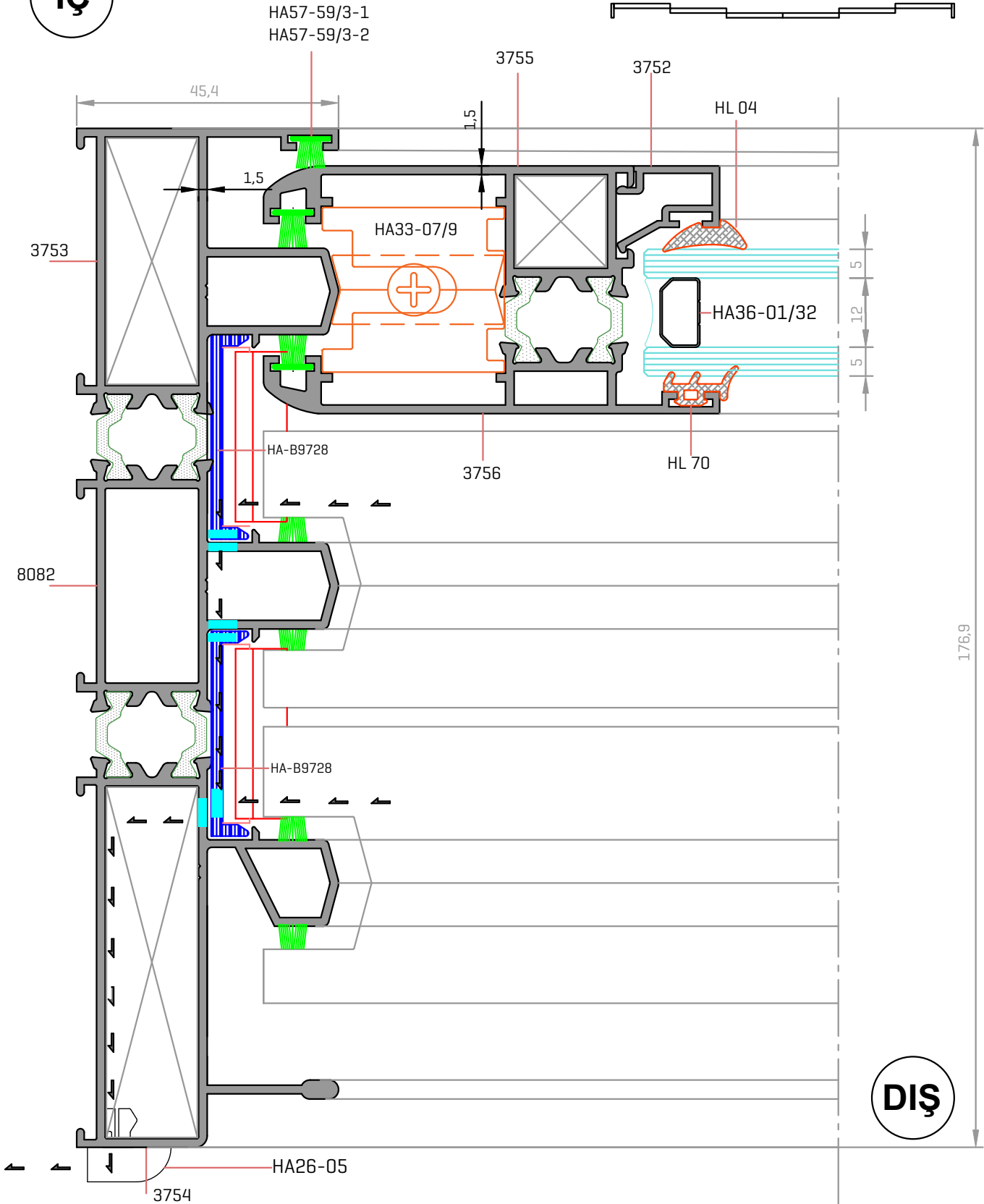
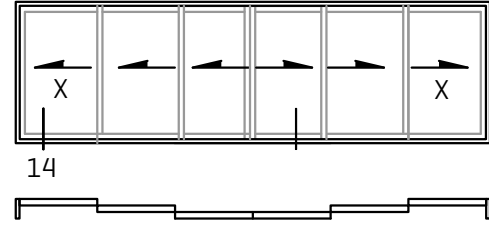
ÖLÇEK:1/1



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DETAY- 14
ÖLÇEK:1/1

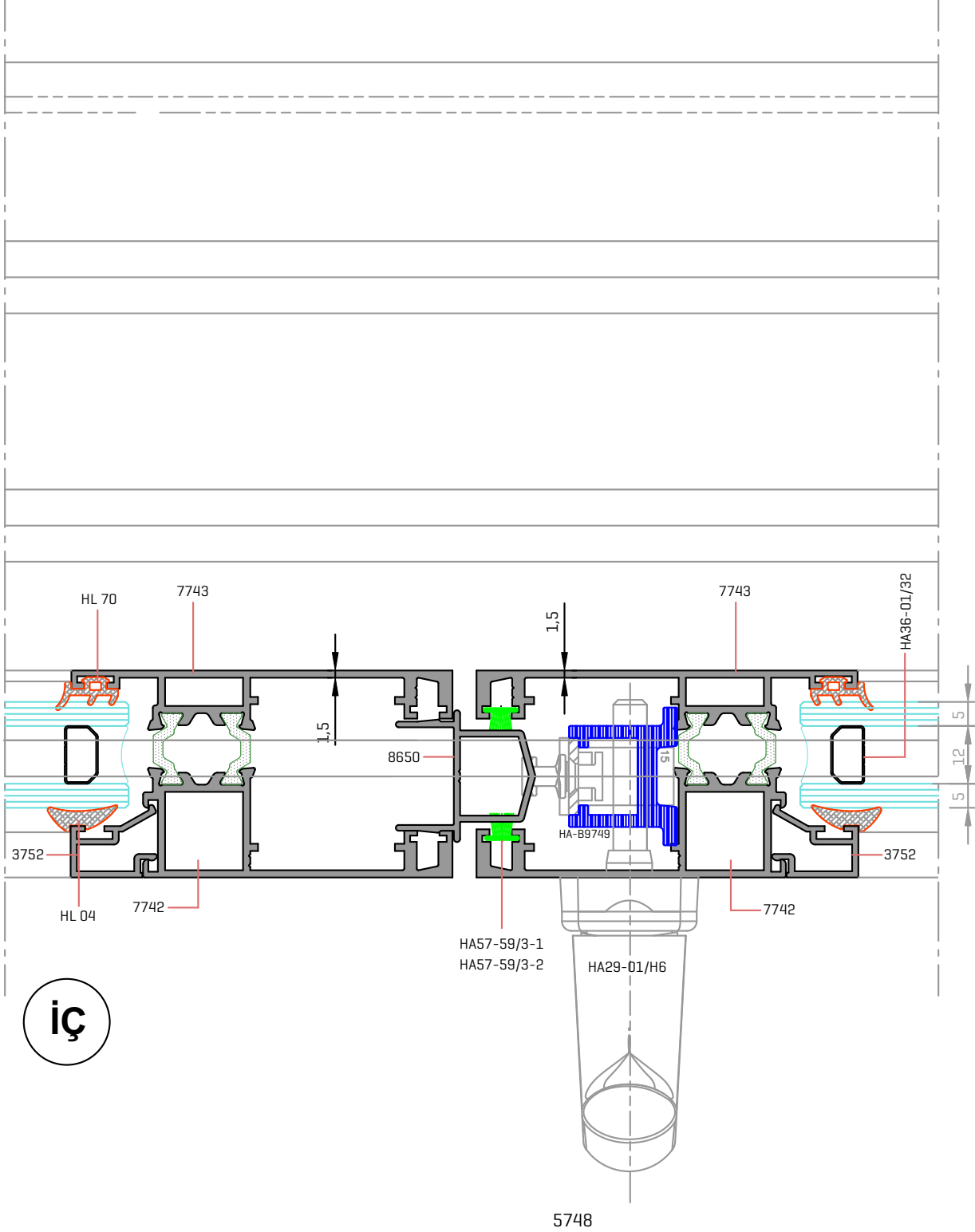
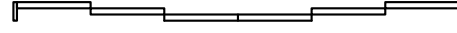
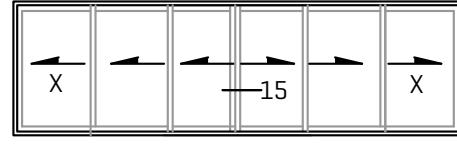
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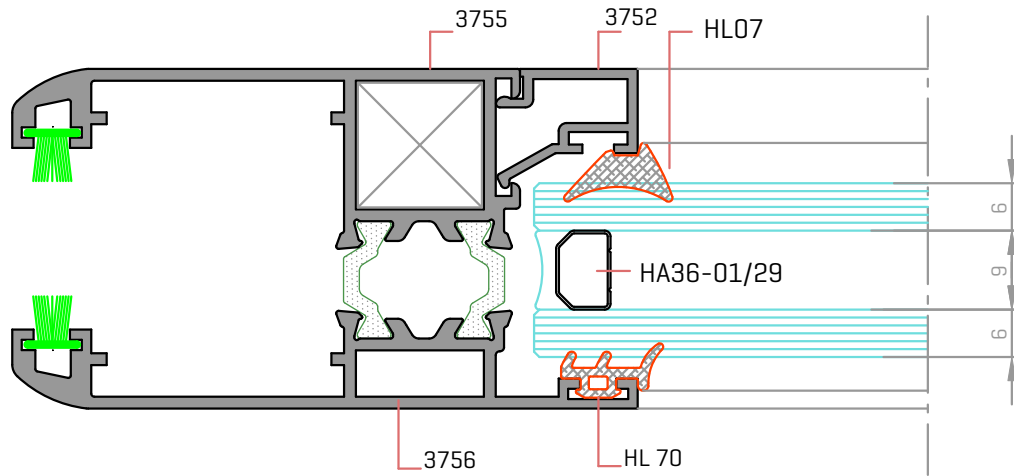
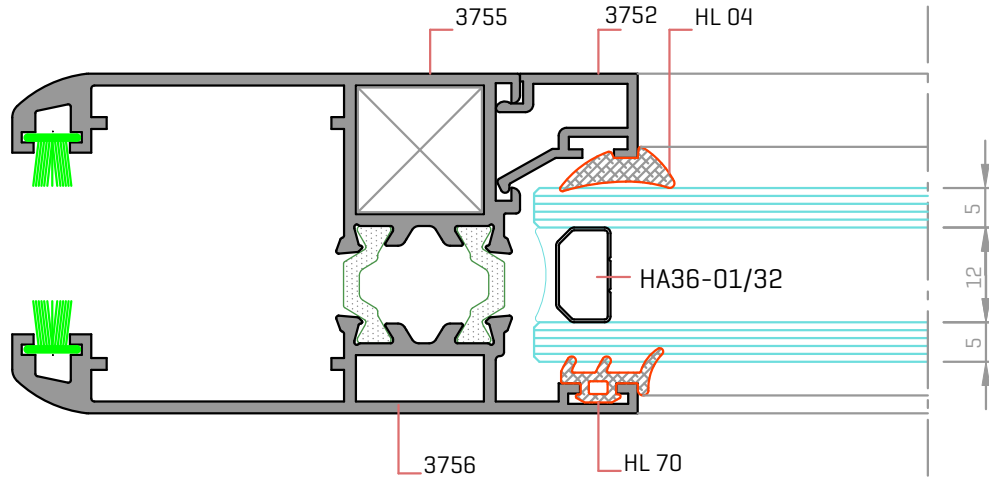
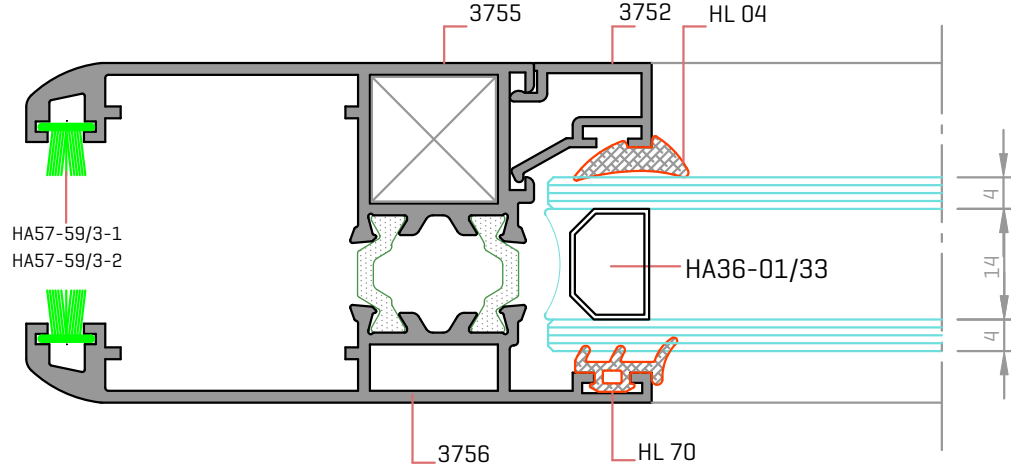
DETAY- 15
ÖLÇEKSİZDİR

DIŞ



İÇ

CAM KALINLIK SEÇENEKLERİ

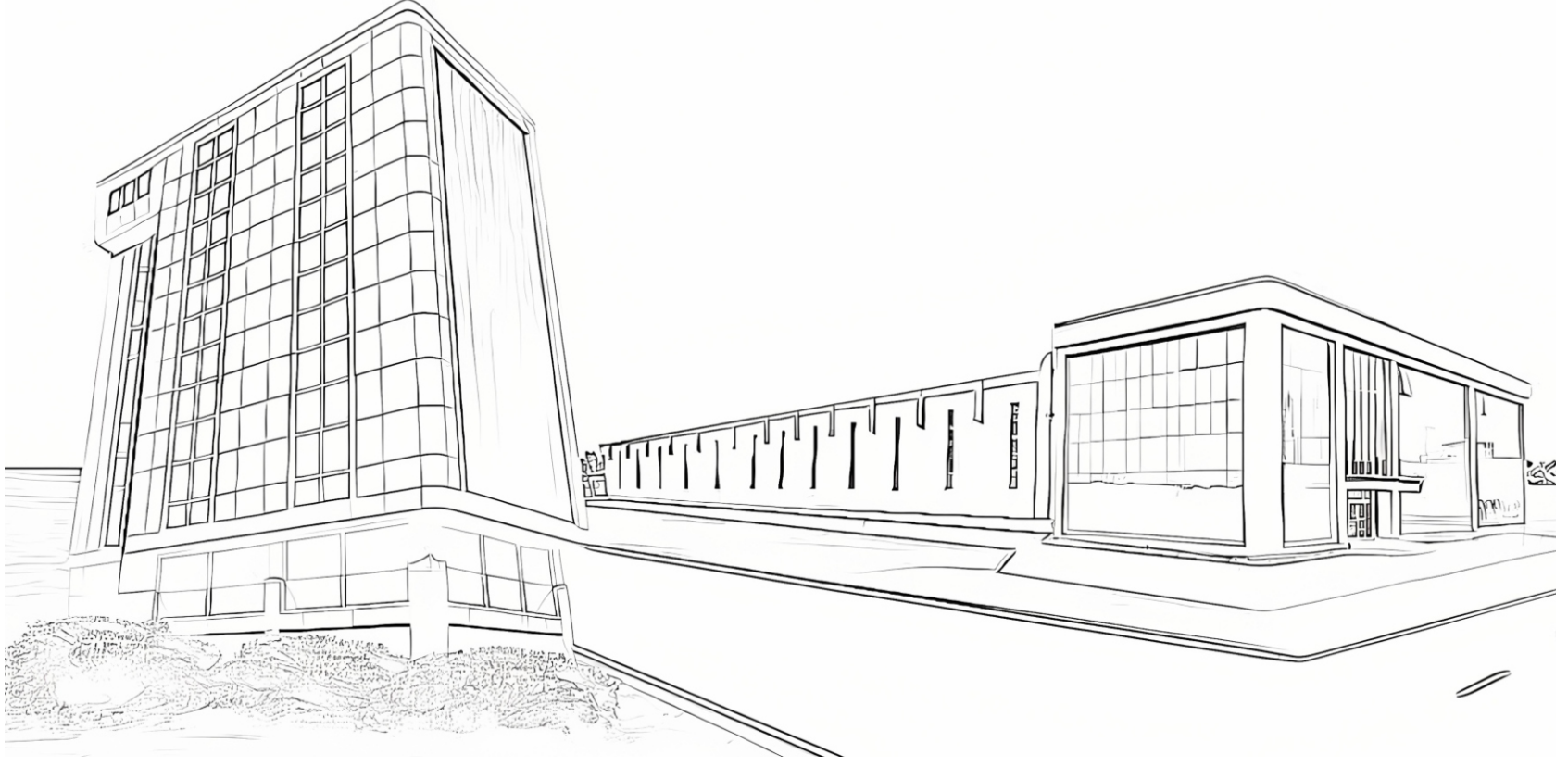






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✉ hilal@hilal.com.tr

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HİLAL ALÜMİNYUM DEPO

WAREHOUSE

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