

KLİPSLİ SİLİKON CEPHE SİSTEM
CLIP ON SILICONE FACADE

AS
EF **50**



ALUMINANCE®
ALUMINIUM SYSTEMS

Company Profile

Firma Profili

“Kalite, Güven, İstikrar” politikası ile pazardaki yerini her geçen gün sağlamlaştırarak ilerleyen Zahit Alüminyum; 2 ayrı fabrikasında, **44.750 m²** kapalı, toplam **96.000 m²** alanda **550**'nin üzerinde çalışanı ile yıllık; yaklaşık **20.000 ton** alüminyum, **1.680.000 m²** alüminyum kompozit panel üretim kapasitesine ulaşmaktadır.

Sektördeki 27 yıllık deneyimini, Dökümhane, Kalıphane, Ekstrüzyon Pres hattı, Eloksal Yüzey İşleme tesisi, Elektrostatik Toz Boya tesisi, Ahşap Kaplama hattı, Alüminyum Kompozit Panel boyama ve üretim hattı, arge ve kalite kontrol birimlerine aktararak, müşterilerine akılcı çözümler üreten bir partnerdir.

Türkiye'nin en büyük entegre tesislerinden biri olan Zahit Alüminyum oluşturduğu bayi ve mağaza ağı ile bugün Türkiye'nin her bölgesine ürün satışı yapmaktadır. Yurtdışı pazarlama faaliyetleri ile yurtdışında da var olduğunu göstermiş ve yaklaşık **20 ülkeye** ihracat gerçekleştirmektedir.



*Zahit Aluminium continues to move forward in the market while adopting Quality, Trust, Stability policy. **44.750 m²** closed, in total **96.000 m²** open area with 2 factories and workmen over **550 persons**, Zahit has a production capacity of total **20.000 tons** aluminium extrusion and **1.680.000 m²** aluminium composite panels. Zahit is a partner in solution with **27 years** of experience, Foundry, Moulding Room, Extrusion Pres Line, Anodising Line, Electrostatic Powder coating Line, Wood Coating Line, Aluminium Composite Panel Coating and Productin Line, R&D and Total Quality Control Units.*

*One of the biggest integrated factories in Turkey, Zahit Aluminium, has sales to all over Turkey and more than **20 countries** with the dealer and branch network.*



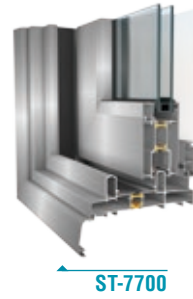
LS-4500



LS-4000



GOS-S4500



ST-7700



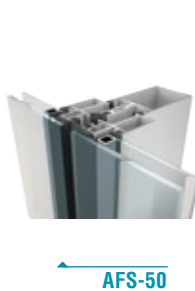
ST-3500



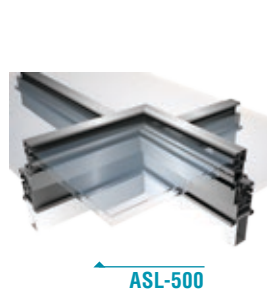
AT-5500



AFC-50



AFS-50



ASL-500



AT-6500



Bir yapı sistem markası olan **ALUMINANCE** yapı sektöründeki müşterilerine çözüm ortağı olacak proje bazlı Alüminyum sistem profilleri ve alüminyum kompozit panel dış cephe kaplamaları ile hizmet vermeyi amaç edinmiştir.

ALUMINANCE müşterilerine mimari dizayn ve estetiği dikkate alarak projelerin uygulama detaylarına uygun alüminyum profiller sunmaktadır. Tüm sektörel gelişmeleri, teknolojik yenilikleri ve müşteri taleplerini takip ederek sunacağı proje bazlı yenilikçi çözümleri ile her zaman kalite ve profesyonellikte alanında lider olmayı hedeflemiştir.

Aluminace; a building system brand, which is a solution partner to its customers in the building sector, aims to service with project based aluminium profile systems and aluminium composite panel cladding systems.

Aluminace, offers to its customers aluminium profiles which are suitable to the application details of the projects, considering the architectural designs and aesthetics. Following all technological innovations, sectoral developments and customer demands, aluminace targets to be the professional leader in market by offering project based and innovative architectural solutions.



Quality

Kalite

Toplam kalite yönetimini benimsemiş olan firmamız uluslararası kalite standartlarında üretim yapmaktadır. Gelişen Teknolojiyi yakından takip ederek, kalite anlayışımızı her sürecimizde aktif hale getirerek kaliteli ürünleri pazara sunarak ve AR-GE çalışmalarıyla Alüminyum sektörünün ihtiyaçlarını belirleyip taleplerine hızlı ve Ekonomik çözümler bularak, istikrarlı fiyat politikaları, süratli hizmet anlayışıyla zamanında ürün teslimatını gerçekleştirmektedir. Ürünlerimiz **ISO 9001-2008** kalite belgesi, **TSE Kalite Belgesi**, eloksallı ürünlerimiz için **QUALANOD**, boyalı ürünlerimiz için de **QUALICOAT** belgeleri bulunmaktadır.

Sektörün talepleri ve araştırma geliştirme departmanımızın destekleri ile firmamız yurtiçi ve yurtdışında pazarlama faaliyetlerini sürekli olarak geliştirmeye devam etmektedir.

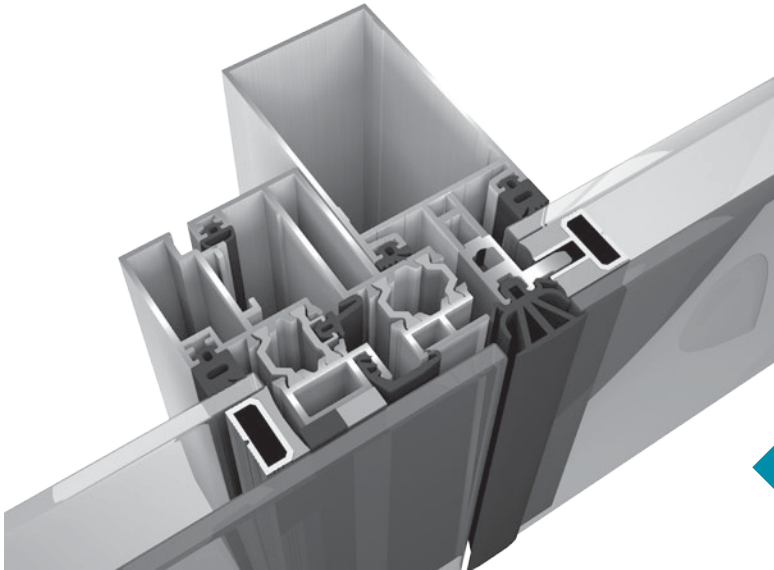
Our company Works with Total Quality Management system and produces in accordance with the international quality standards. Following new and developing technologies, producing high quality products and with Research and Development Zahit determines the main need of the market and find fast and economic solutions. With steady price policy and quick service Zahit Aluminium provides fast deliveries to its customers. The products are certified by ISO 9001-2008, TSE Quality Certificates, CE, Qualanod Qualicoat and Rosenheim Quality Certificates . Our company continues to develop its marketing activities in domestic and international market with the support of our R&D department.



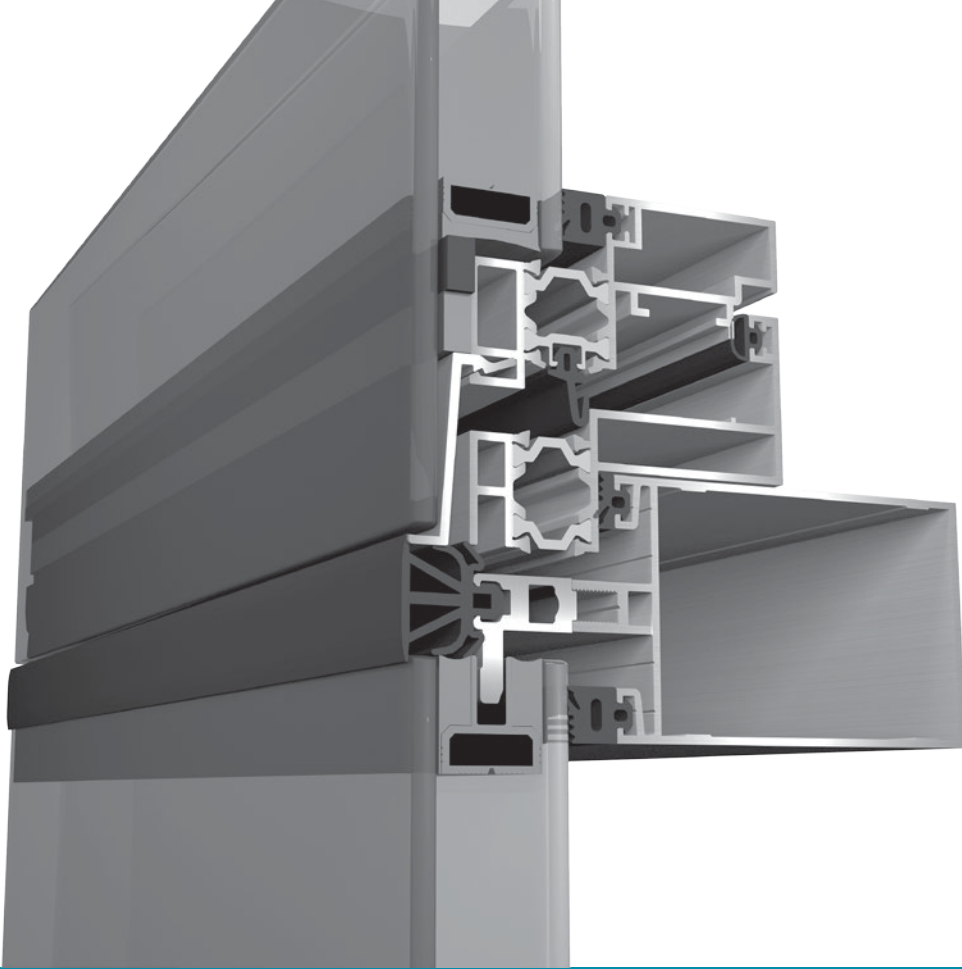
TS 5247 EN 12020
TS 49 22
TS EN 755-1



AS EF 50 Klipsli Silikon Cephe **AS EF 50** Clip On Silicone Facade

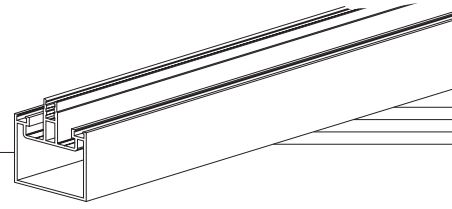


- 01 / 10 PROFİL ve FİTİLLER
- 11 / 13 AKSESUARLAR
- 14 / 21 PROFİL KESİT DETAYLARI
- 22 / 25 BAĞLANTI PROFİLLERİ
- 26 / 29 KÖŞE PROFİLLERİ
- 30 / 50 SİSTEM DETAYLARI
- 51 / 53 KESİM ÖLÇÜLERİ
- 54 / 55 MONTAJ DETAYLARI

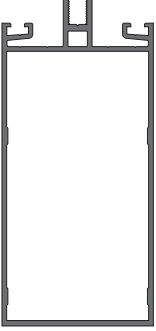
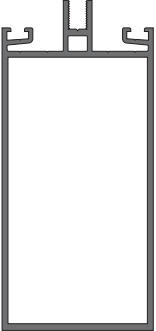



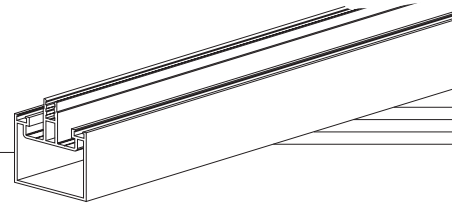
- Modern çizgilerle estetik tasarım.
- 2,0 ve 1,6 mm alüminyum profil et kalınlığı.
- 50 mm kasa profil eni.
- Silikon bonding işlemi ile cam cephe bütünlüğü.
- Cam tutucu kasetlerle bina cephelerine kesintisiz cam görüntüsü.
- Çok noktadan kilitlenebilmeye özelliği sayesinde rijit bağlantı.
- EPDM kauçuk contalarla desteklenmiş izolasyon.
- İstenilen boşluklara dışa açılır kanat uygulama imkanı.
- Yatay veya Düşey profillerde conta uygulaması ile yarı kapaklı Giydirme cephe sistemi oluşturma.
- Tarafımızdan temin edebileceğiniz aksesuarlarda GIESSE markasının kalite ve kullanım rahatlığı.
- Elektrostatik boyalı (RAL) ve Eloksal yüzey temin imkanı.
- İmalat ve montaj kolaylığı.

- *Aesthetic design with modern lines.*
- *2,0 and 1,6 mm aluminium profile thickness.*
- *50 mm frame profile width.*
- *Glass – Façade integrity with silicone bonding process.*
- *Seamless glass appearance on façade with cassettes.*
- *Multi lock system.*
- *Isolation supported with EPDM seal.*
- *Outward sash opening.*
- *Inward sash opening.*
- *Half capped curtain wall system application using gasket in vertical and horizontal profiles.*
- *The comfort of use and quality of GIESSE accessories that you can supply from us.*
- *Electrostatic powder coating (RAL) and anodized surface treatment.*
- *Production and assembling comfort.*

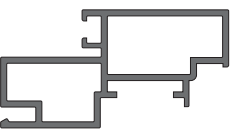


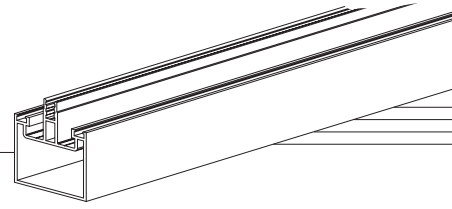
PROFİL ŞEKLİ DRAWING	PROFİL NO PROFILE NO	TANIMI DESCRIPTION	TEORİK AĞIRLIK THEORETICAL WEIGHT (kg/mt)	SAYFA NUMARASI PAGE NUMBER	STATİK DEĞER STATICS	
					Jxx (cm ⁴)	Jyy (cm ⁴)
	5012	DÜŞEY (YATAY) GRIYAJ VERTICAL (HORIZONTAL) GRIYAJ 1,55 mm 50 x 50	1,175	14	16,16	14,00
	5013	DÜŞEY (YATAY) GRIYAJ VERTICAL (HORIZONTAL) GRIYAJ 1,95 mm 50 x 50	1,335	14	18,15	15,90
	5578	DÜŞEY (YATAY) GRIYAJ VERTICAL (HORIZONTAL) GRIYAJ 1,55 mm 80 x 50	1,430	14	49,20	19,50
	5554	DÜŞEY (YATAY) GRIYAJ VERTICAL (HORIZONTAL) GRIYAJ 1,95 mm 80 x 50	1,655	14	55,82	22,64

PROFİL ŞEKLİ DRAWING	PROFİL NO PROFILE NO	TANIMI DESCRIPTION	TEORİK AĞIRLIK THEORETICAL WEIGHT (kg/mt)	SAYFA NUMARASI PAGE NUMBER	STATİK DEĞER STATICS	
					Jxx (cm ⁴)	Jyy (cm ⁴)
	5579	DÜŞEY (YATAY) GRIYAJ VERTICAL (HORIZONTAL) GRIYAJ 1,55 mm 100 x 50	1,595	15	83,60	23,15
	5555	DÜŞEY (YATAY) GRIYAJ VERTICAL (HORIZONTAL) GRIYAJ 1,95 mm 100 x 50	1,865	15	95,70	27,15
	5588	DÜŞEY (YATAY) GRIYAJ VERTICAL (HORIZONTAL) GRIYAJ 1,55 mm 120 x 50	1,765	16	129,75	26,75

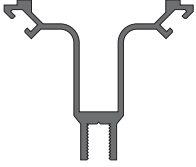
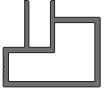





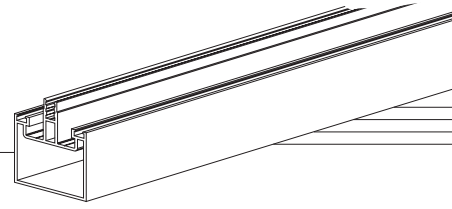
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	5556	DÜŞEY (YATAY) GRIYAJ VERTICAL (HORIZONTAL) GRIYAJ 1,95 mm 100 x 50	2,075	16	149,26	31,65
	3189	YATAY GRIYAJ HORIZONTAL GRIYAJ 1,80 mm 60 x 50	1,210	17	24,30	16,07
	3190	DÜŞEY GRIYAJ VERTICAL GRIYAJ 1,90 mm 80 x 50	1,780	17	58,95	22,52

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					Jxx (cm ⁴)	Jyy (cm ⁴)
	5574	KASA PROFİLİ FRAME PROFILE	1,160	18	27,15	2,95
	5573	KANAT PROFİLİ VENT PROFILE	1,190	18	21,20	3,10
	3197	KASA PROFİLİ FRAME PROFILE	1,075	18	25,00	3,00
	5571	KASA PROFİLİ FRAME PROFILE	0,725	18	13,60	1,30
	5570	KANAT PROFİLİ VENT PROFILE	0,920	19	12,00	2,30


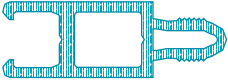
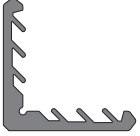
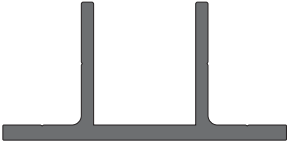



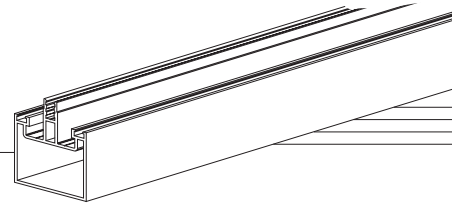
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					Jxx (cm ⁴)	Jyy (cm ⁴)
	5572	KASET PROFİLİ FRAME PROFILE	0,490	19	2,00	1,10
	5201	KASET PROFİL (ELOKSAL) CASSETTE PROFILE (FOR ANODIZING)	0,835	19	9,85	2,30
	5202	KASET PROFİL (TIJ - ELOKSAL) CASSETTE PROFILE (PUSHING ROD - FOR ANODIZING)	0,870	19	10,20	2,20
	5211	KASET PROFİL (BOYA) CASSETTE PROFILE (POWDER COATED)	0,880	20	10,85	2,47
	5212	KASET PROFİL (TIJ - BOYA) CASSETTE PROFILE (PUSHING ROD - POWDER COATED)	0,920	20	11,25	2,35

PROFİL ŞEKLİ DRAWING	PROFİL NO PROFILE NO	TANIMI DESCRIPTION	TEORİK AĞIRLIK THEORETICAL WEIGHT (kg/mt)	SAYFA NUMARASI PAGE NUMBER	STATİK DEĞER STATICS	
					Jxx (cm ⁴)	Jyy (cm ⁴)
	5363	90° KÖŞE DÖNÜŞ PROFİLİ 90° JOINT PROFILE	0,600	20		
	5590	TEK CAM - CAM PROFİLİ SINGLE GLASS GLAZING PROFILE	0,360	20		
	5595	PANO PROFİLİ PANEL PROFILE	0,395	20		
	5575	KASET BAĞLANTI FIXING PART	0,465	21		
	5599	90° BAĞLANTI PARÇASI FIXING PART FOR 90° ANGLE	0,605	21		



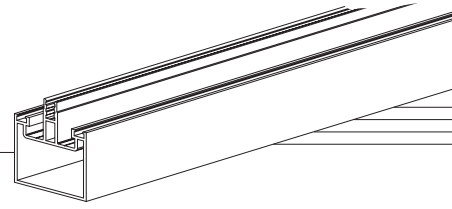
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					Jxx (cm ⁴)	Jyy (cm ⁴)
	4792	BAĞLANTI PARÇASI FIXING PART	0,515	21		
	5576	CAM TAKOZU MECHANICAL SUPPORT	0,360	21		
	5577	CAM TAKOZU MECHANICAL SUPPORT	0,260	21		
	3005	CAM İÇİ CAM ÇİTASI GLAZING BEAD	0,260	21		
	5280	CAM TUTUCU GLASS HOLDER	0,185	21		
	5293	TİJ PROFİLİ PUSH ROD PROFILE	0,130	21		








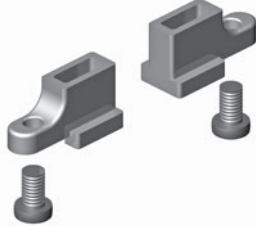
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					Jxx (cm ⁴)	Jyy (cm ⁴)
	2892	15 x 2.5 SİLME CORNER CLEAT	0,105	21		
	NPP 328	ISI YALITIM PLASTİĞİ THERMAL INSULATION PLASTIC	144 gr/mt	21		
	5589	KÖŞE TAKOZU CORNER CLEAT	0,650	22		
	5279	CEPHE BAĞLANTI ANKRAJ FACADE JOINT STABLE ANCHOR	5,570	22		
	5266	CEPHE BAĞLANTI YATAY ALT FACADE JOINT HORIZONTAL DOWN	0,330	24		






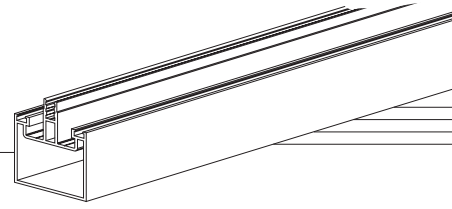
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					Jxx (cm ⁴)	Jyy (cm ⁴)
	5260	CEPHE BAĞLANTI DİKEY FACADE JOINT VERTICAL	3,680	23		
	5261	CEPHE BAĞLANTI YATAY ÜST FACADE JOINT HORIZONTAL UPPER	1,750	24		
	5262	CEPHE BAĞLANTI "U" FACADE "U" JOINT	0,870	24		
	5263	CEPHE BAĞLANTI YATAY ÜST FACADE JOINT HORIZONTAL UPPER	1,580	25		
	5264	CEPHE BAĞLANTI "U" FACADE "U" JOINT	0,690	25		


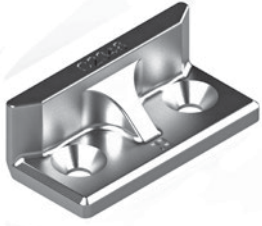


AKSESUAR ACCESSORIES	SİPARİŞ KODU ORDER CODE	PAKET ADEDİ UNITS	AKSESUAR ACCESSORIES	SİPARİŞ KODU ORDER CODE	PAKET ADEDİ UNITS
	<p>Z-54</p> <p>İÇ CAM FİTİLİ (INSIDE GLAZING GASKET)</p>	<p>12 kg / 95 mt</p>		<p>Z-72</p> <p>SİLİKON FİTİL (EXTERNAL GASKET)</p>	
	<p>Z-52</p> <p>İÇ CAM FİTİLİ (INSIDE GLAZING GASKET)</p>	<p>12 kg / 190 mt</p>		<p>Z-68</p> <p>DERZ DOLGU FİTİLİ (EXTERNAL GASKET)</p>	<p>10 kg / 80 mt</p>
	<p>Z-64</p> <p>İÇ-DIŞ BİNİ FİTİLİ (INTERNAL/EXTERNAL GASKET)</p>	<p>10 kg / 250 mt</p>		<p>Z-54</p> <p>ORTA FİTİLİ (CENTRAL GASKET)</p>	<p>10 kg / 150 mt</p>
	<p>Z-73</p> <p>DIŞ BİNİ FİTİLİ (EXTERNAL GASKET)</p>	<p>10 kg / 125 mt</p>			

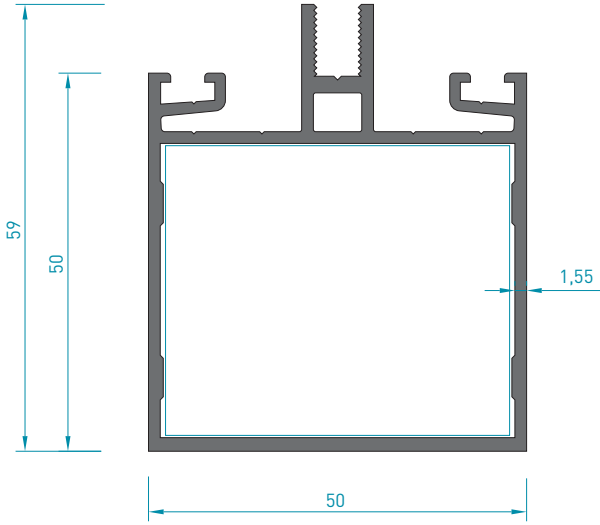


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 <p>PARALEL MAKAS</p>	01990000		 <p>KIVRIK KOL (ÇİFT MAÇA)</p>	01170N	
 <p>TERS VASİSTAS MAKAS</p>	GS HD-10" P TİPİ GS HD-12" P TİPİ GS HD-14" P TİPİ GS HD-16" P TİPİ GS HD-18" P TİPİ GS HD-20" P TİPİ GS HD-22" P TİPİ GS HD-24" P TİPİ GS HD-28" P TİPİ	08534000N 08535000N 08536000N 08537000N 08538000N 08539000N 08540000N 08541000N 08542000N	 <p>EKSENEL KOL</p>	01001	
 <p>KIVRIK KOL</p>	05007		 <p>KİLİTLİ KOL</p>	01192	
 <p>KIVRIK KOL (KEY ANAHTARLI)</p>	05008		 <p>BAGLANTI ELEMANI</p>	02236 02262	

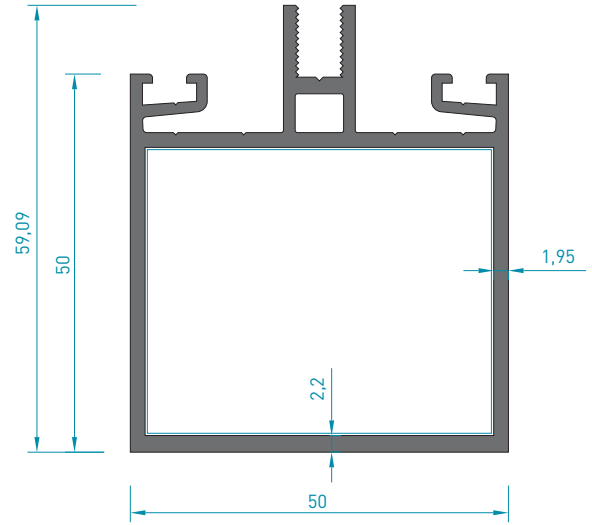
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 <p>SABİT KARŞILIK</p>	01266K		 <p>LİMİTLEME MAKASI</p>	LAZER 2 KADEMELİ TELESKOPIK MAKAS 01951	
	01267K			LAZER 5 KADEMELİ TELESKOPIK MAKAS 01954	
 <p>AYARLI PİM</p>	04030		 <p>ÜST KİLİTLEME ELEMANI</p>	01374	
	04682				
 <p>KÖŞE DÖNME</p>	04019K		 <p>GENİŞLEME PLASTİĞİ</p>	120/GC-005	
				100/GC-003	
 <p>KÖŞE DÖNME</p>	04020K		 <p>GENİŞLEME PLASTİĞİ</p>	80/GC-002	
				50/GC-001	
				100/GC-014	
				87/GC-016	
				80/GC-013	
				50/GC-010	
				30/GC-017	



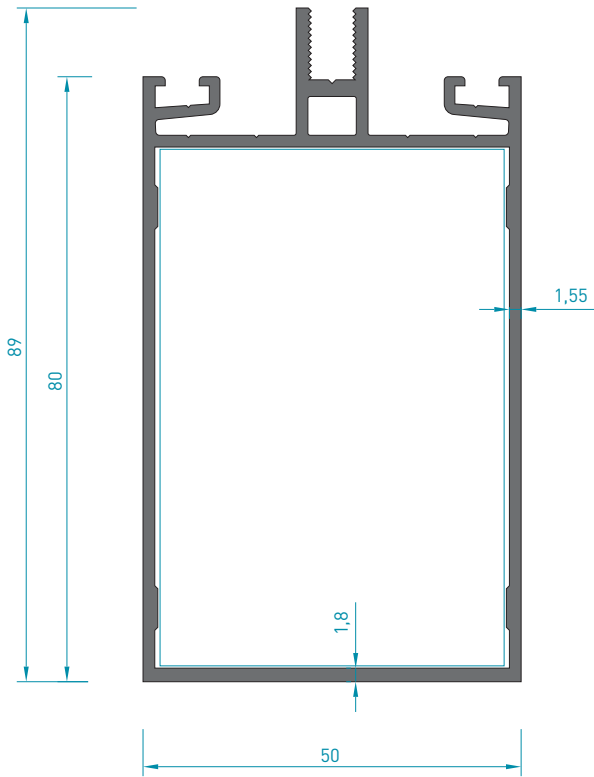
AKSESUAR ACCESSORIES	SİPARİŞ KODU ORDER CODE	PAKET ADEDİ UNITS	AKSESUAR ACCESSORIES	SİPARİŞ KODU ORDER CODE	PAKET ADEDİ UNITS
 GENİŞLEME PLASTİĞİ	180/GC-027 160/GC-026 140/GC-025 120/GC-024 107/GC-023 100/GC-022 87/GC-021 80/GC-020 50/GC-019 30/GC-018				
 KİLİT PİMİ	01214				
 KİLİT PİMİ ve KİLİT KARŞILIK	04047K 04030K				
 SICAM KÖŞE TAKOZU					



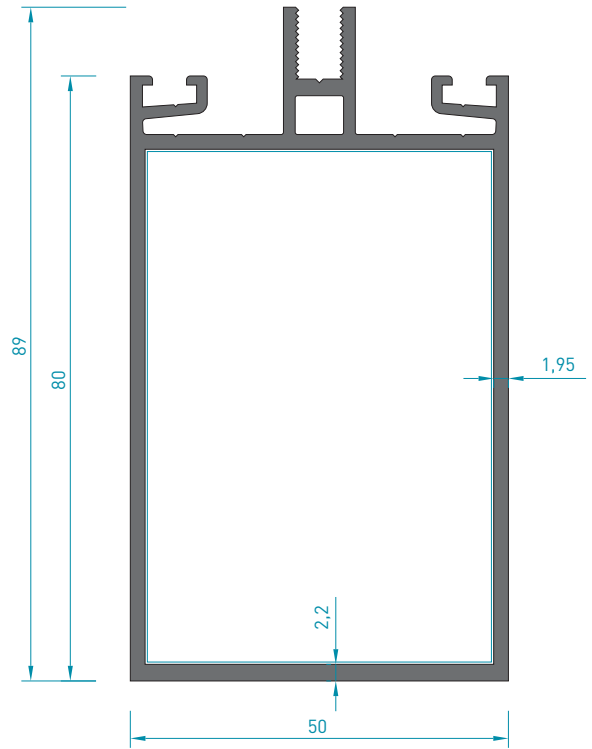
5012
50'lik GRIYAJ
1.175 kg/mt
Jx : 16.16 cm⁴
Jy : 14.00 cm⁴



5013
50'lik GRIYAJ
1.335 kg/mt
Jx : 18.15 cm⁴
Jy : 15.90 cm⁴

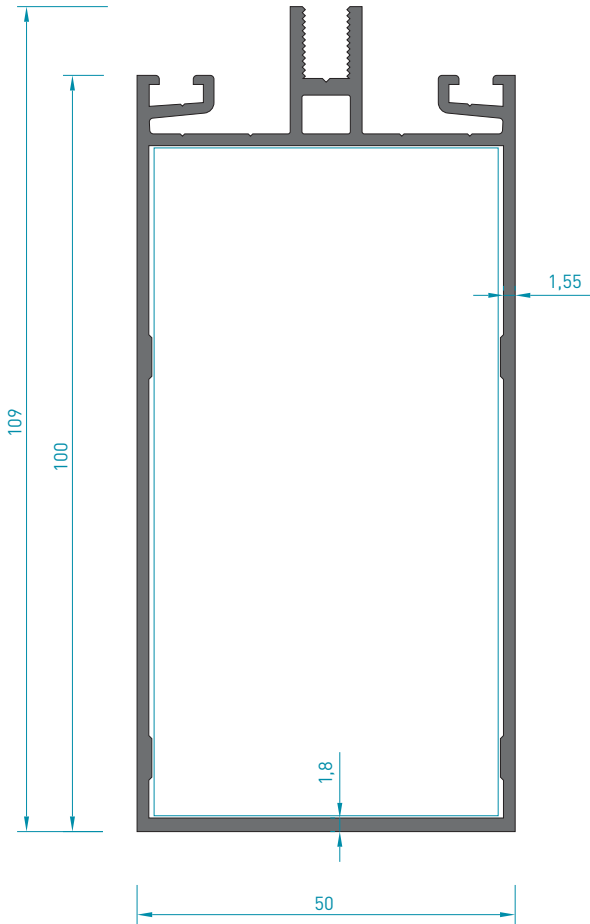
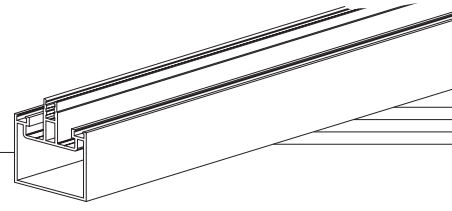


5578
80'lik GRIYAJ
1.430 kg/mt
Jx : 49.20 cm⁴
Jy : 19.50 cm⁴

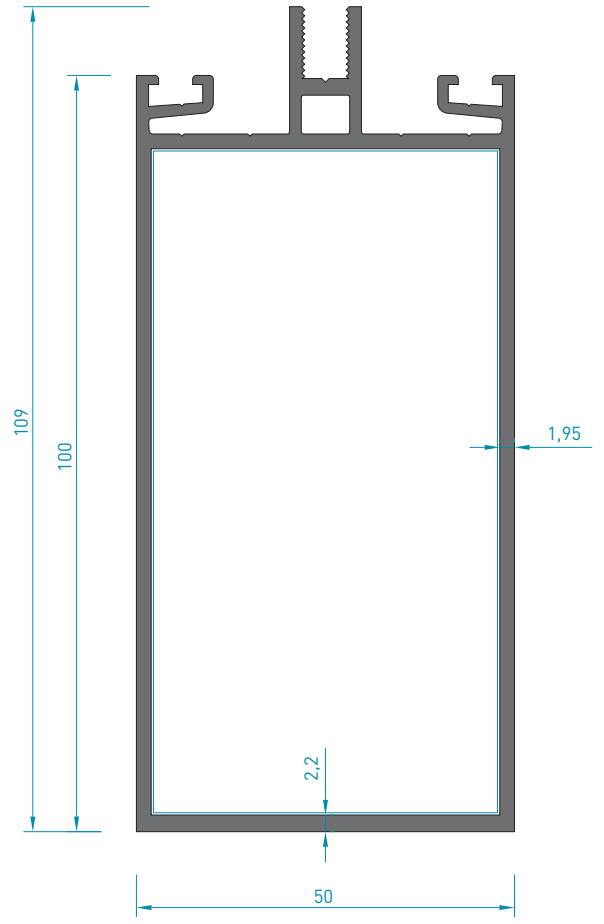


5554
80'lik GRIYAJ
1.655 kg/mt
Jx : 55.82 cm⁴
Jy : 22.64 cm⁴

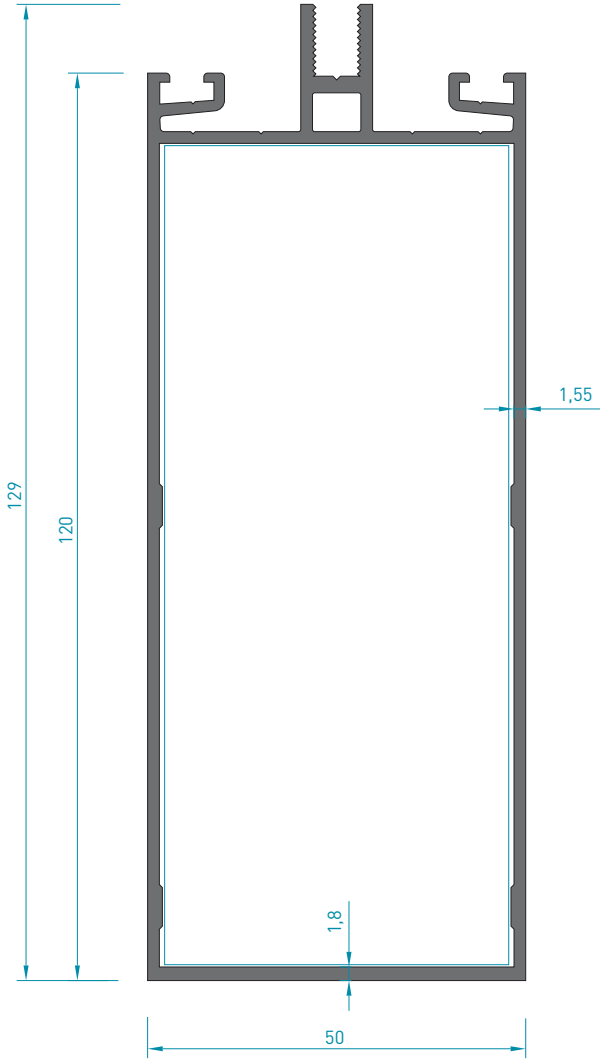
* Belirtilen ağırlıklar Pres Profil için teorik kilogramlardır.
* Boyalı Profillerde ağırlığa % 5 ilave edilmesi gereklidir.



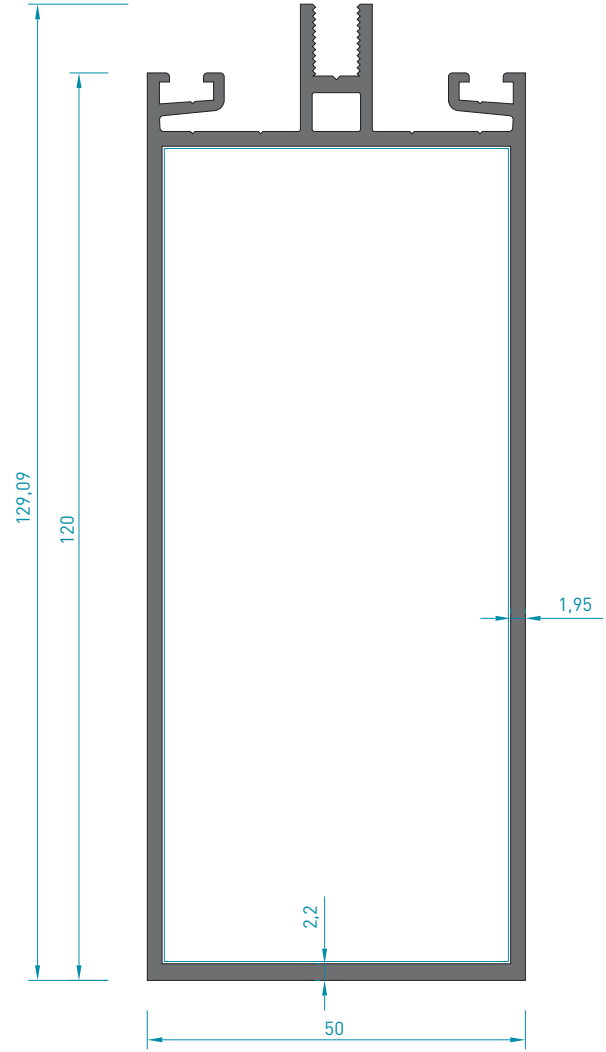
5579
100'lük GRIYAJ
1.595 kg/mt
Jx : 83.60 cm⁴
Jy : 23.15 cm⁴



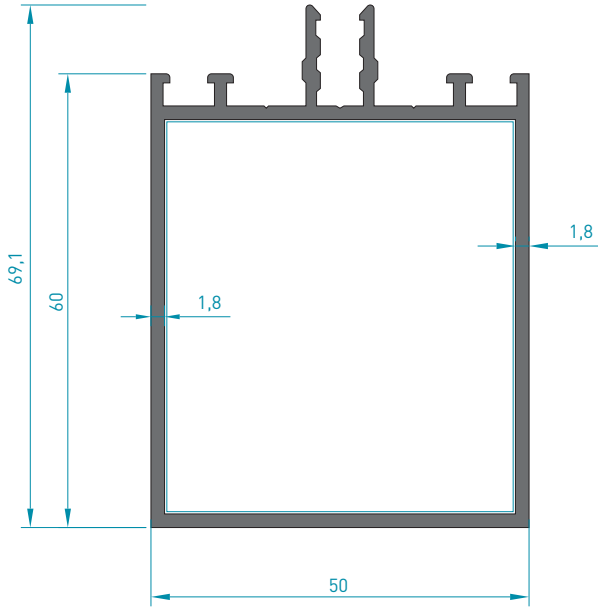
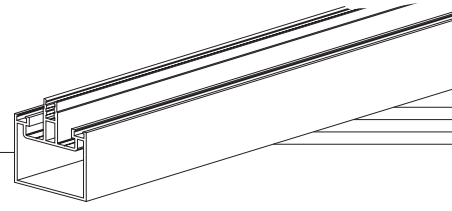
5555
100'lük GRIYAJ
1.865 kg/mt
Jx : 95.70 cm⁴
Jy : 27.15 cm⁴



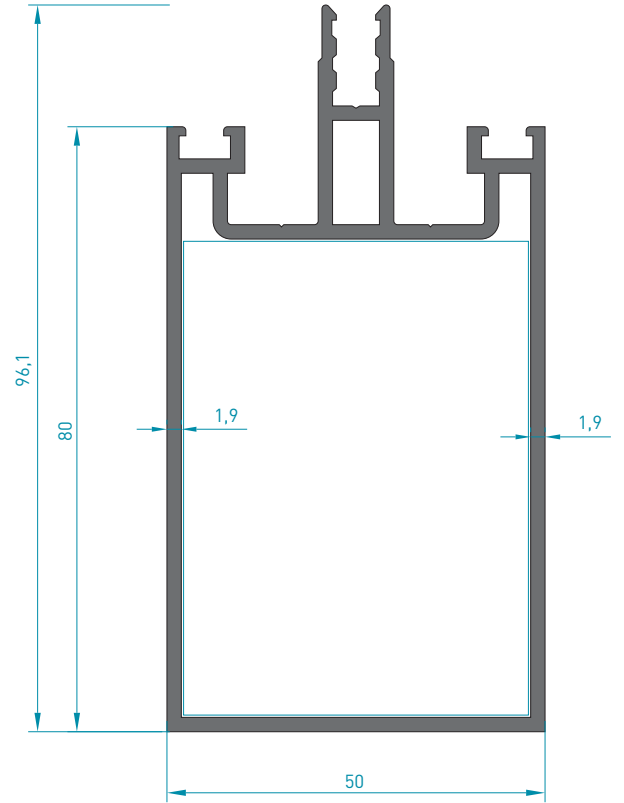
5588
120'lik GRIYAJ
1.765 kg/mt
Jx : 129.75 cm⁴
Jy : 26.75 cm⁴



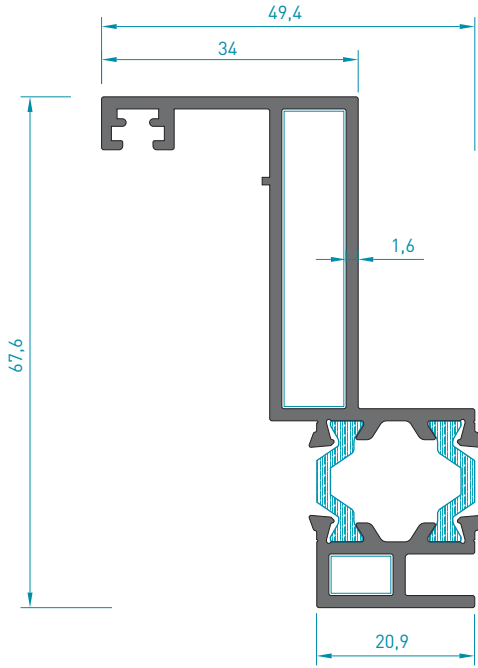
5556
120'lik GRIYAJ
2.075 kg/mt
Jx : 149.26 cm⁴
Jy : 31.65 cm⁴



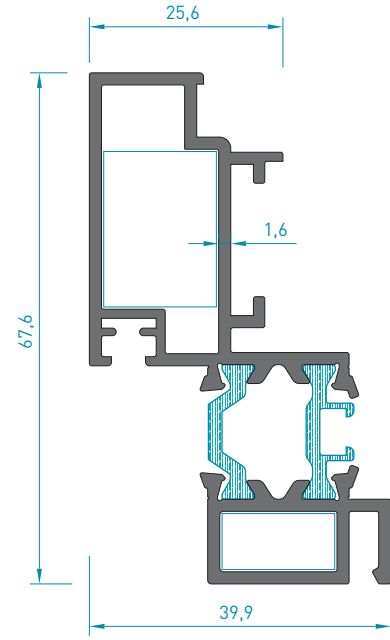
3189
YATAY GRIYAJ
1.210 kg/mt
Jx : 24.30 cm⁴
Jy : 16.07 cm⁴



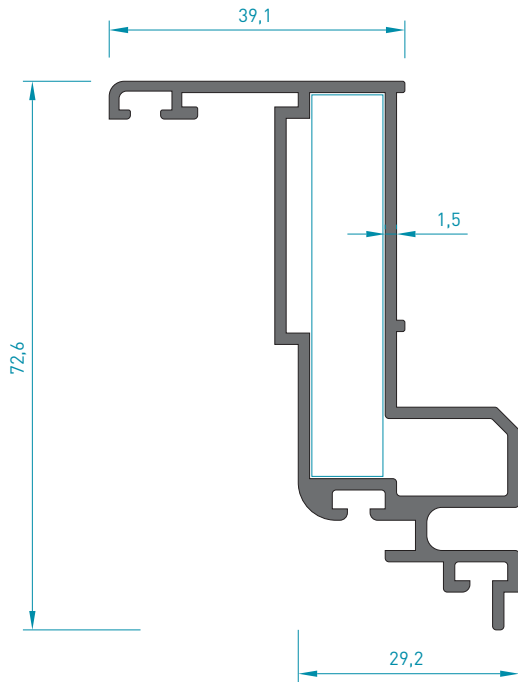
3190
DÜŞEY GRIYAJ
1.780 kg/mt
Jx : 58.95 cm⁴
Jy : 22.52 cm⁴



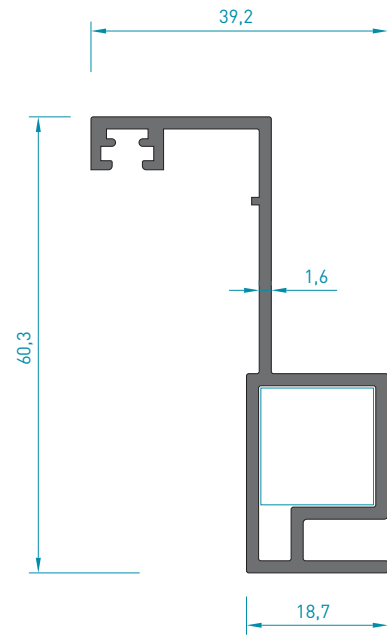
5574
KASA PROFİL
1.160 kg/mt
Jx : 27.15 cm⁴
Jy : 2.95 cm⁴



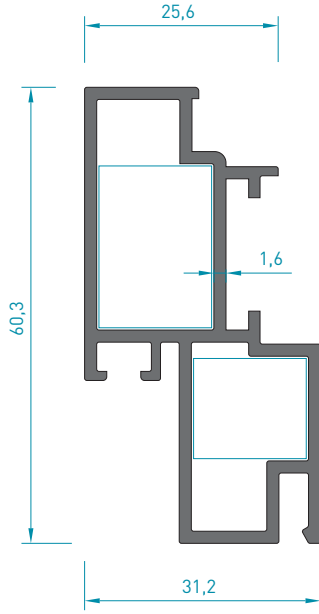
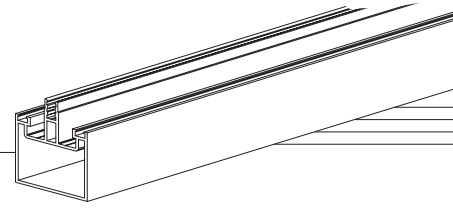
5573
KANAT PROFİL
1.190 kg/mt
Jx : 21.20 cm⁴
Jy : 3.10 cm⁴



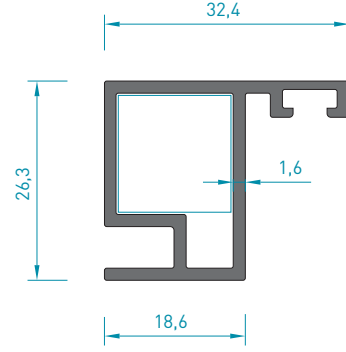
3197
KASA PROFİL
1.075 kg/mt
Jx : 25.00 cm⁴
Jy : 3.00 cm⁴



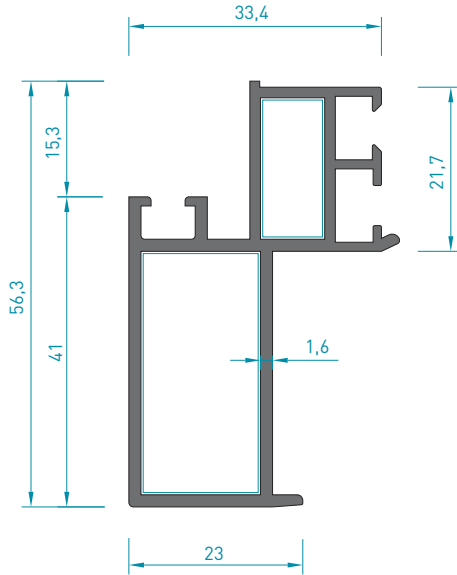
5571
KASA PROFİL
0.725 kg/mt
Jx : 13.60 cm⁴
Jy : 1.30 cm⁴



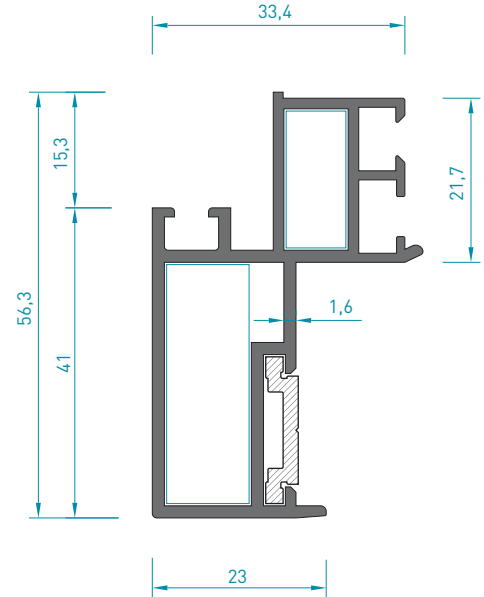
5570
KANAT PROFİL
0.920 kg/mt
Jx : 12.00 cm⁴
Jy : 2.30 cm⁴



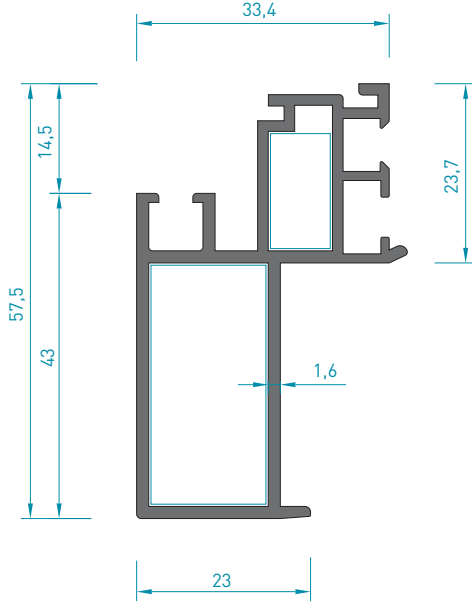
5572
KASET PROFİL
0.490 kg/mt
Jx : 2.00 cm⁴
Jy : 1.10 cm⁴



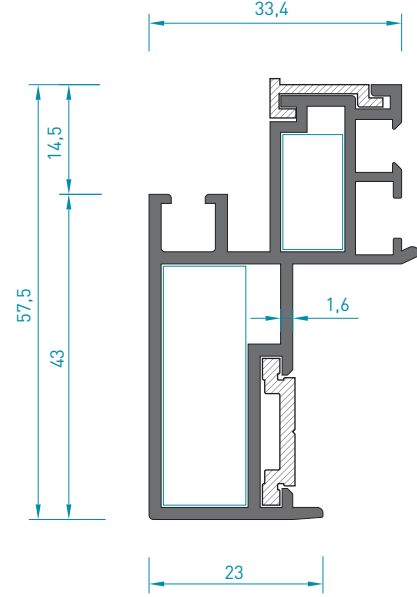
5201
KASET PROFİL
(ELOKSAL)
0.835 kg/mt
Jx : 9.85 cm⁴
Jy : 2.30 cm⁴



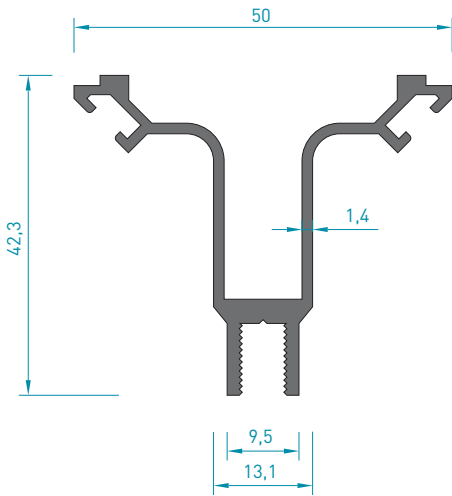
5202
KASET PROFİL
(TİJ - ELOKSAL)
0.870 kg/mt
Jx : 10.20 cm⁴
Jy : 2.20 cm⁴



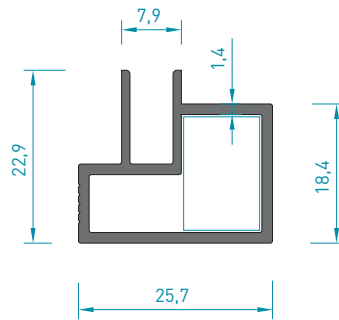
5211
KASET PROFİL
(BOYA)
0.880 kg/mt
Jx : 10.85 cm⁴
Jy : 2.47 cm⁴



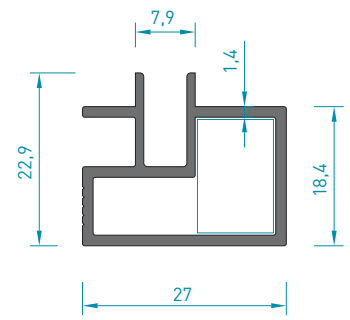
5212
KASET PROFİL
(TIJ - BOYA)
0.920 kg/mt
Jx : 11.25 cm⁴
Jy : 2.35 cm⁴



5363
90° KÖŞE DÖNÜŞ PROFİLİ
0.600 kg/mt

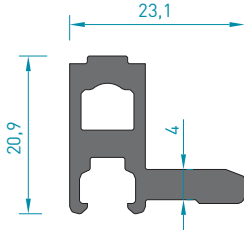
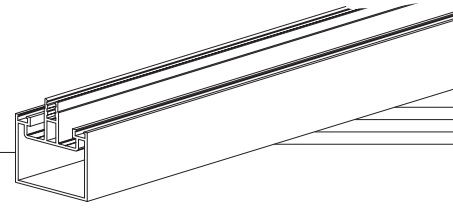


5590
TEK CAM - CAM PROFİLİ
0.360 kg/mt

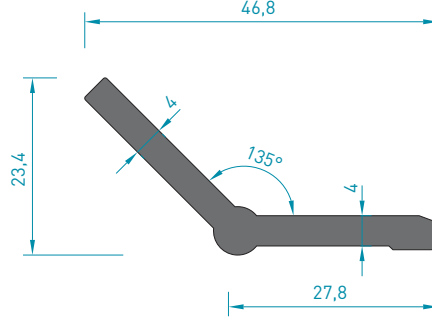


5595
PANO PROFİLİ
0.395 kg/mt

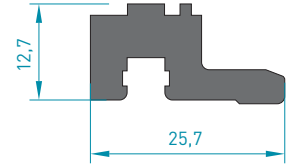
PROFİL KESİT DETAYLARI



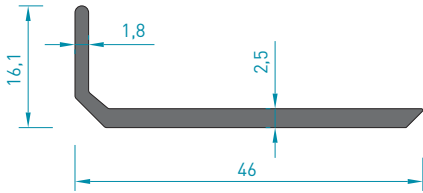
5575
BAĞLANTI PARÇASI
0.465 kg/mt



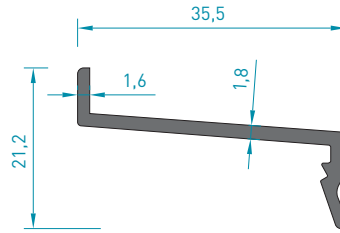
5599
90° BAĞLANTI PARÇASI
0.605 kg/mt



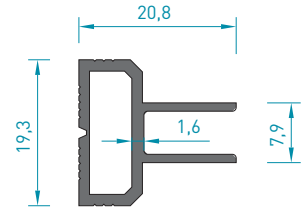
4792
KASET BAĞLANTI
0.515 kg/mt



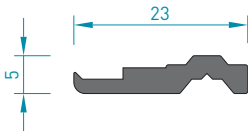
5576
CAM TAKOZU
0.360 kg/mt



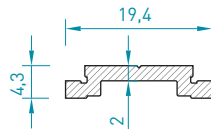
5577
CAM TAKOZU
0.260 kg/mt



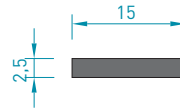
3005
CAM İÇİ CAM ÇİTASI
0.260 kg/mt



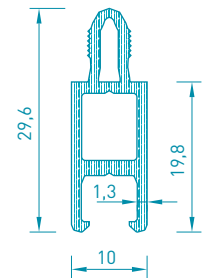
5280
CAM TUTUCU
0.185 kg/mt



5293
TİJ PROFİL
0.130 kg/mt

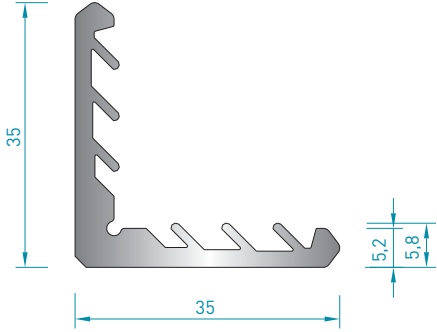


2892
15 x 2.5 SİLME PROFİL
0.105 kg/mt

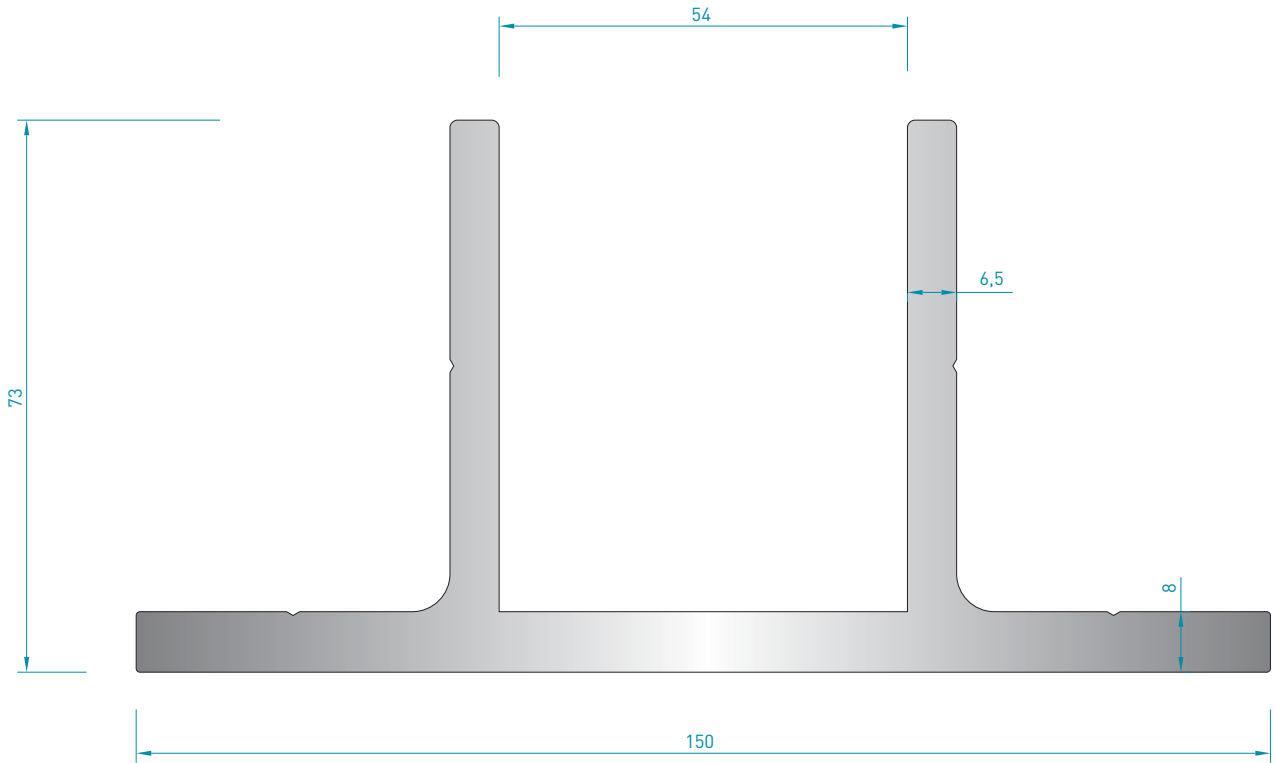


NPP 328
ISI YALITIM PLASTİĞİ
144 gr/mt

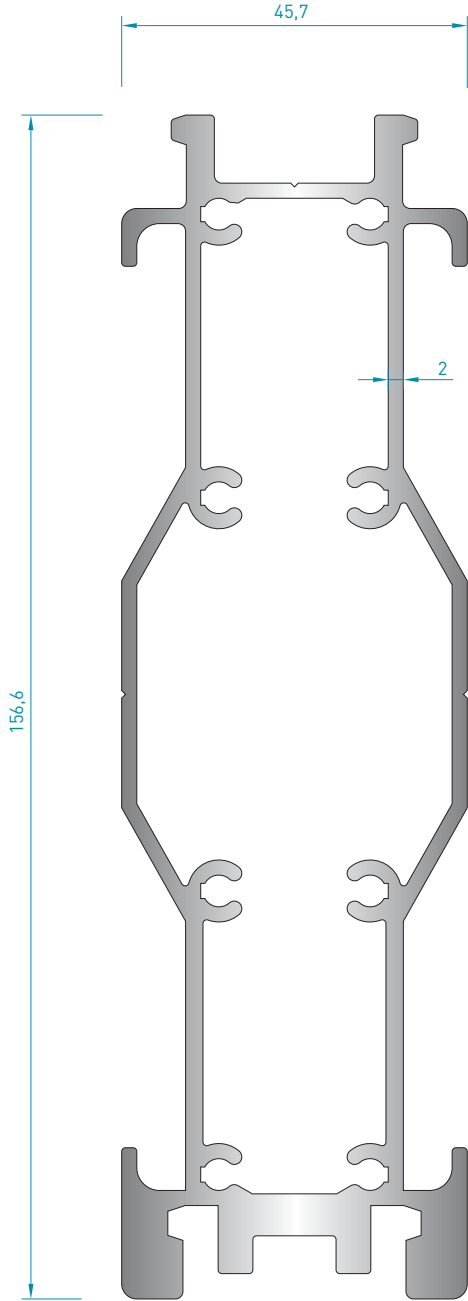
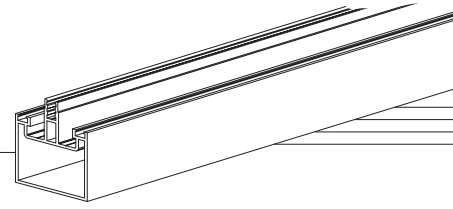
* Belirtilen ağırlıklar Pres Profil için teorik kilogramlardır.
* Boyalı Profillerde ağırlığa % 5 ilave edilmesi gereklidir.



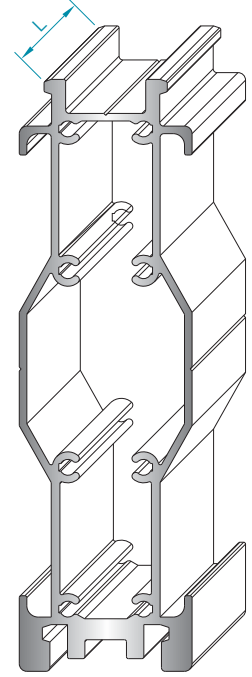
5589
KÖŞE TAKOZU
0.650 kg/mt



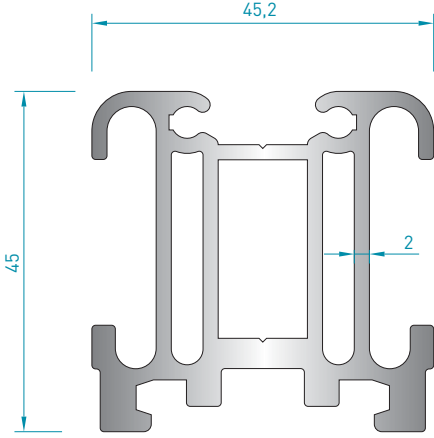
5279
CEPHE BAĞLANTI ANKRAJ
5.570 kg/mt



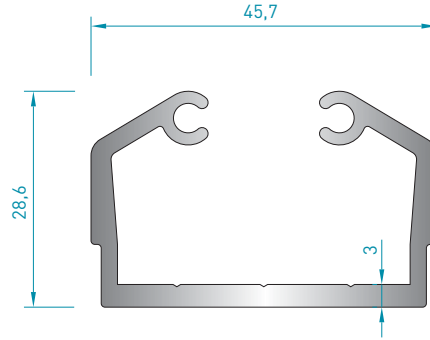
5260
CEPHE BAĞLANTI DİKEY
3.680 kg/mt



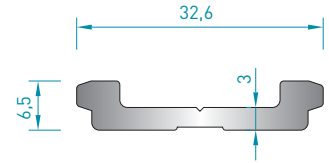
Profil No	Kesim Ölçüsü (L)	Sipariş Kodu
5012	38,3 mm	AS - 002
5013	37,5 mm	AS - 001
3189	51,5 mm	AS - 003
3190	62,7 mm	AS - 004
5578	68,3 mm	AS - 006
5554	67,5 mm	AS - 005
5579	88,3 mm	AS - 008
5555	87,5 mm	AS - 007
5588	108,3 mm	AS - 010
5556	107,5 mm	AS - 009



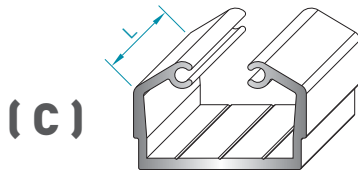
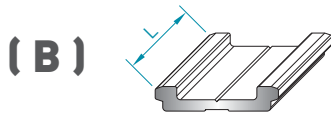
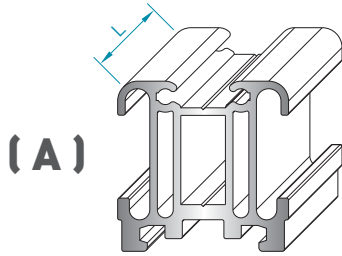
5261
CEPHE BAĞLANTI YATAY
1.750 kg/mt



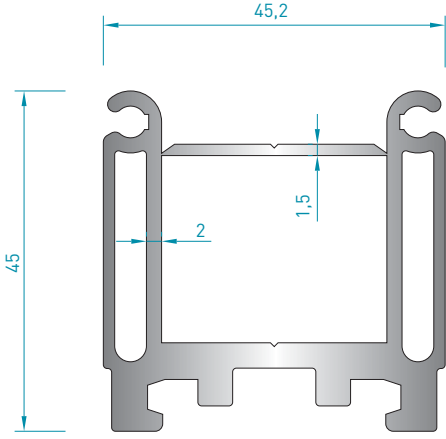
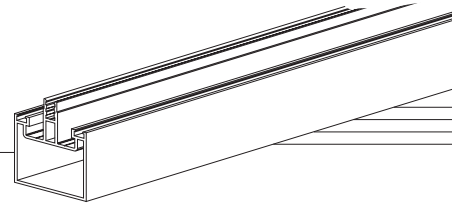
5262
CEPHE BAĞLANTI "U"
0.870 kg/mt



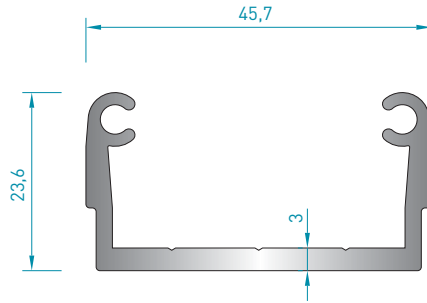
5266
CEPHE BAĞLANTI YATAY
0.330 kg/mt



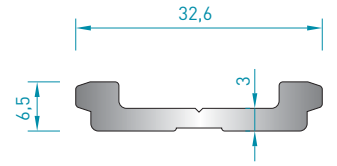
Profil No	Kesim Ölçüsü (L)	Sipariş Kodu (A-B)	Sipariş Kodu (C)
5012	38,3 mm	A AS - 012 B AS - 102	AS - 502
5013	37,5 mm	A AS - 011 B AS - 101	AS - 501
3189	51,5 mm	A AS - 013 B AS - 103	AS - 503
3190	62,7 mm	A AS - 014 B AS - 104	AS - 504
5578	68,3 mm	A AS - 016 B AS - 106	AS - 506
5554	67,5 mm	A AS - 015 B AS - 105	AS - 505
5579	88,3 mm	A AS - 018 B AS - 108	AS - 508
5555	87,5 mm	A AS - 017 B AS - 107	AS - 507
5588	108,3 mm	A AS - 020 B AS - 110	AS - 510
5556	107,5 mm	A AS - 019 B AS - 109	AS - 509



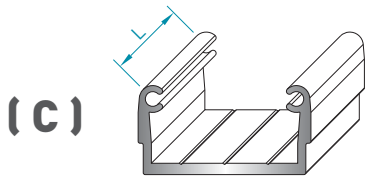
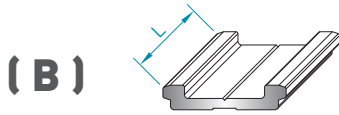
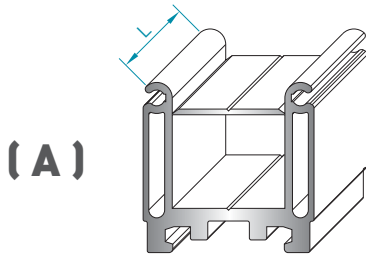
5263
CEPHE BAĞLANTI YATAY
1.580 kg/mt



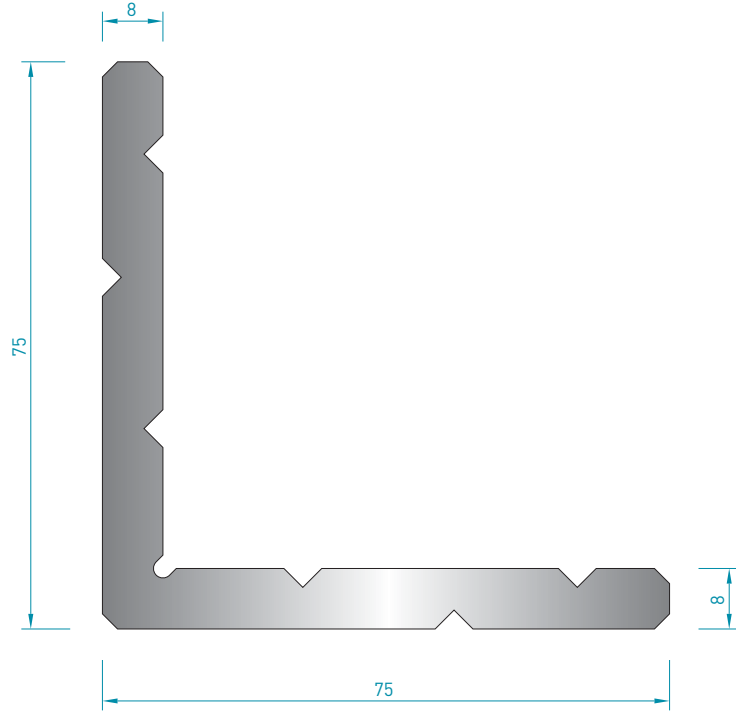
5264
CEPHE BAĞLANTI "U"
0.690 kg/mt



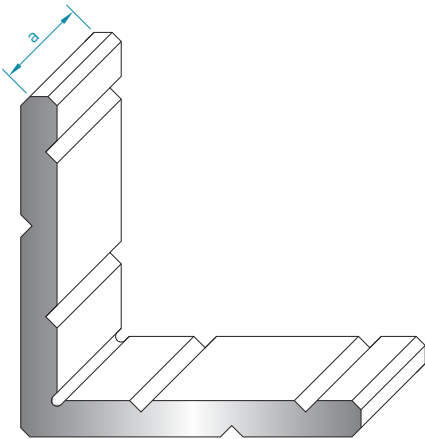
5266
CEPHE BAĞLANTI YATAY
0.330 kg/mt



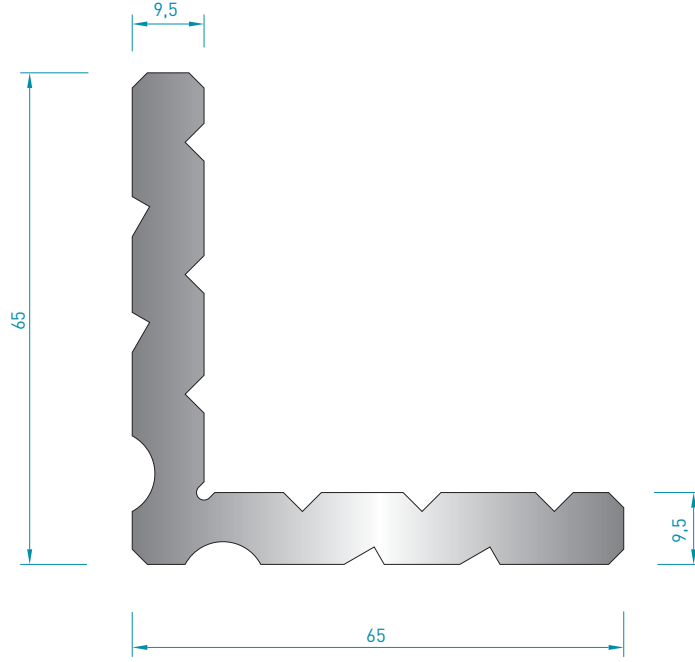
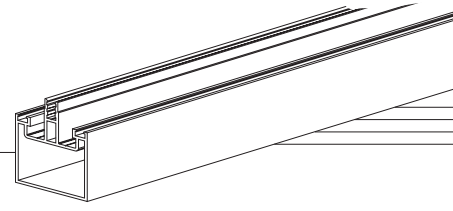
Profil No	Kesim Ölçüsü (L)	Sipariş Kodu (A-B)	Sipariş Kodu (C)
5012	38,3 mm	A AS - 021 B AS - 111	AS - 511
5013	37,5 mm	A AS - 020 B AS - 110	AS - 510
3189	51,5 mm	A AS - 022 B AS - 112	AS - 512
3190	62,7 mm	A AS - 023 B AS - 113	AS - 513
5578	68,3 mm	A AS - 025 B AS - 115	AS - 515
5554	67,5 mm	A AS - 024 B AS - 114	AS - 514
5579	88,3 mm	A AS - 027 B AS - 117	AS - 517
5555	87,5 mm	A AS - 026 B AS - 116	AS - 516
5588	108,3 mm	A AS - 029 B AS - 119	AS - 519
5556	107,5 mm	A AS - 028 B AS - 118	AS - 518



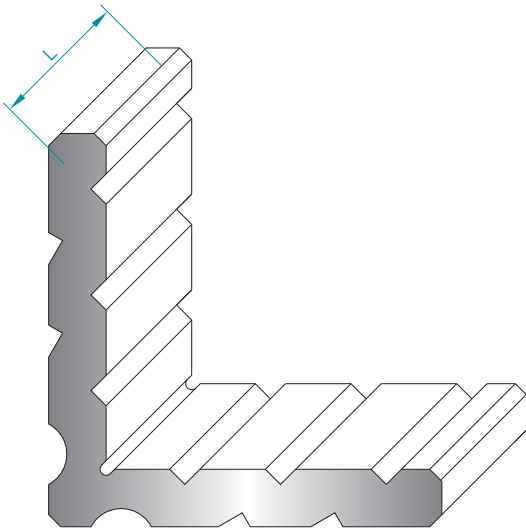
4601
KÖŞE TAKOZU
2.940 kg/mt



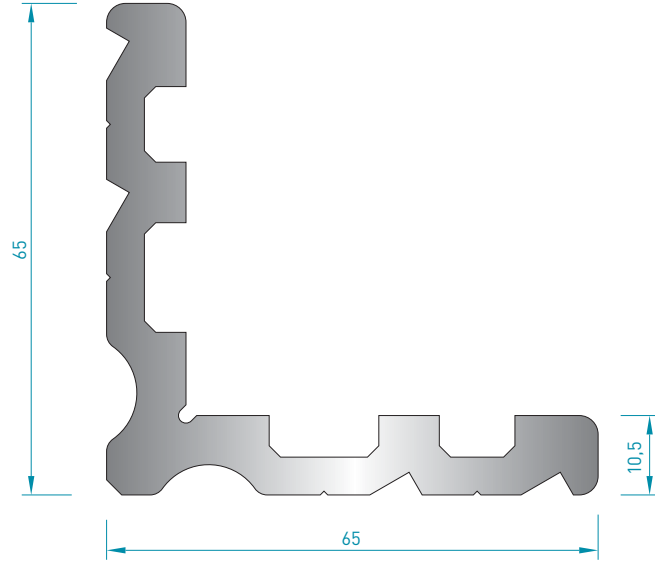
Profil No	Kesim Ölçüsü (1)	Sipariş Kodu	Kesim Ölçüsü (2)	Sipariş Kodu
5574	39,0 mm	4601-063	4,9 mm	4601-060
5201	18,1 mm	4601-062		
5202	18,1 mm	4601-062		
5211	15,2 mm	4601-061		
5212	15,2 mm	4601-061		



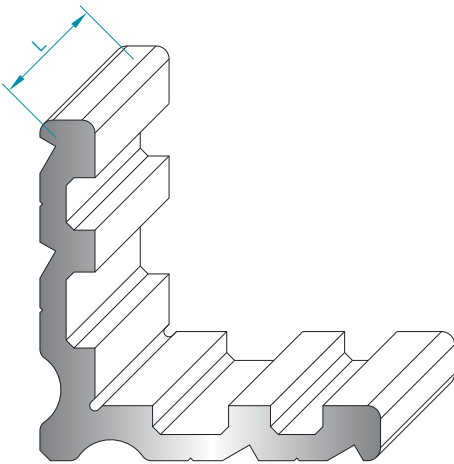
5270
KÖŞE TAKOZU
2.785 kg/mt



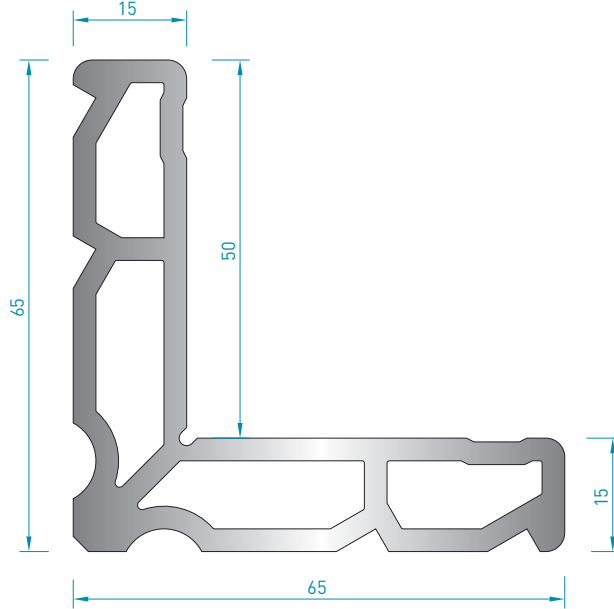
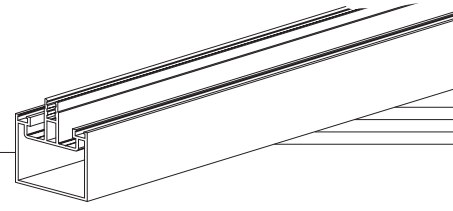
Profil No	Kesim Ölçüsü	Sipariş Kodu
3197	50,5 mm	5270 - A01



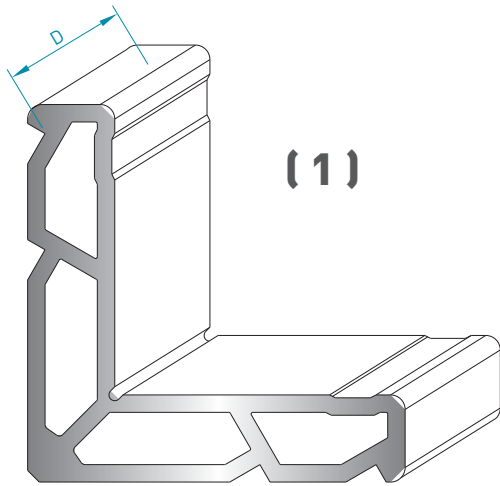
5269
KÖŞE TAKOZU
2.345 kg/mt



Profil No	Kesim Ölçüsü	Sipariş Kodu
5202	31,6 mm	5269-70
5212	31,6 mm	5269-70

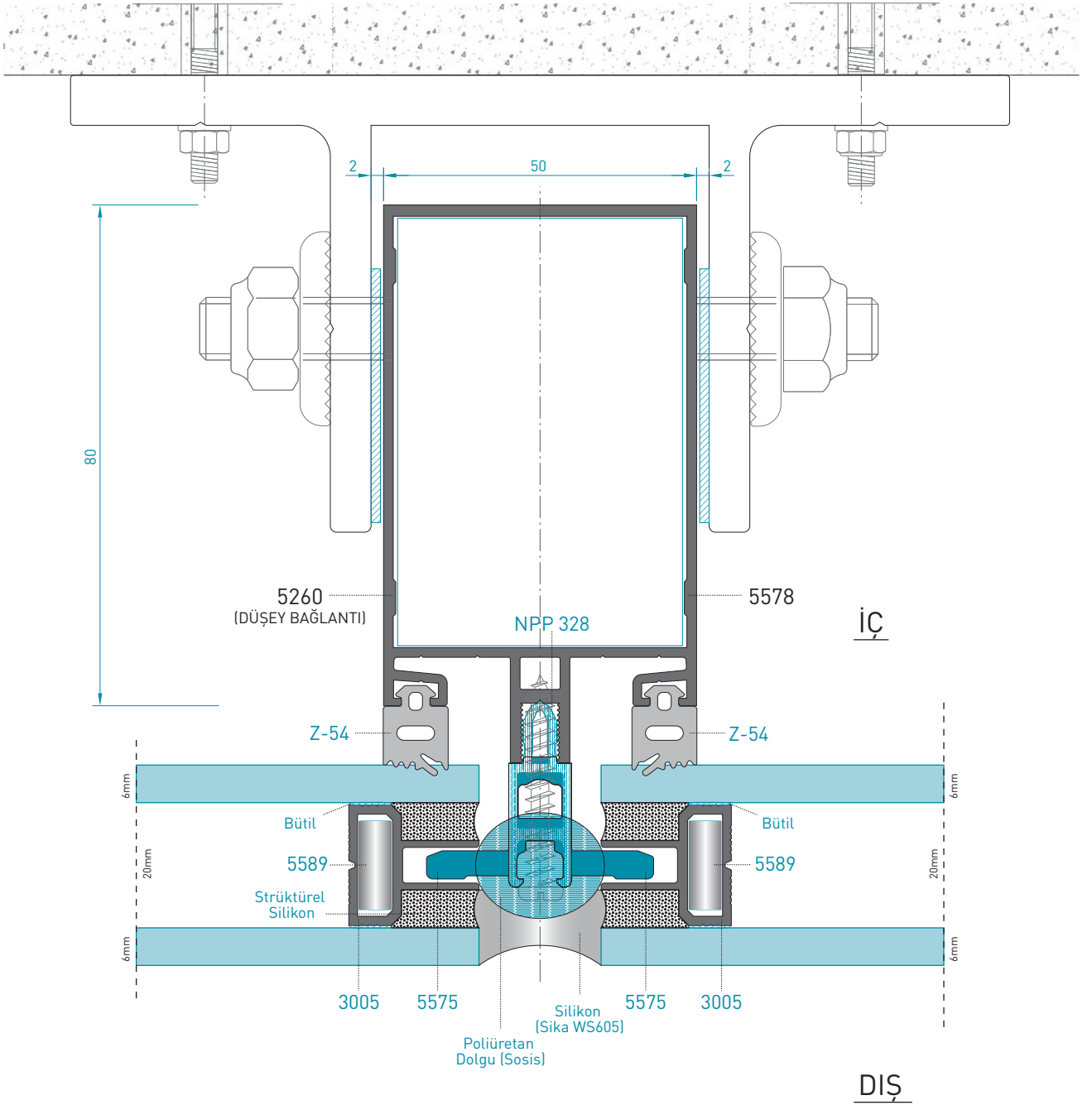
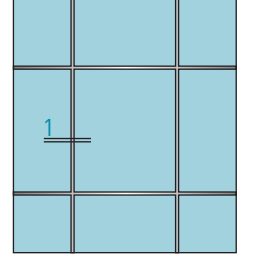


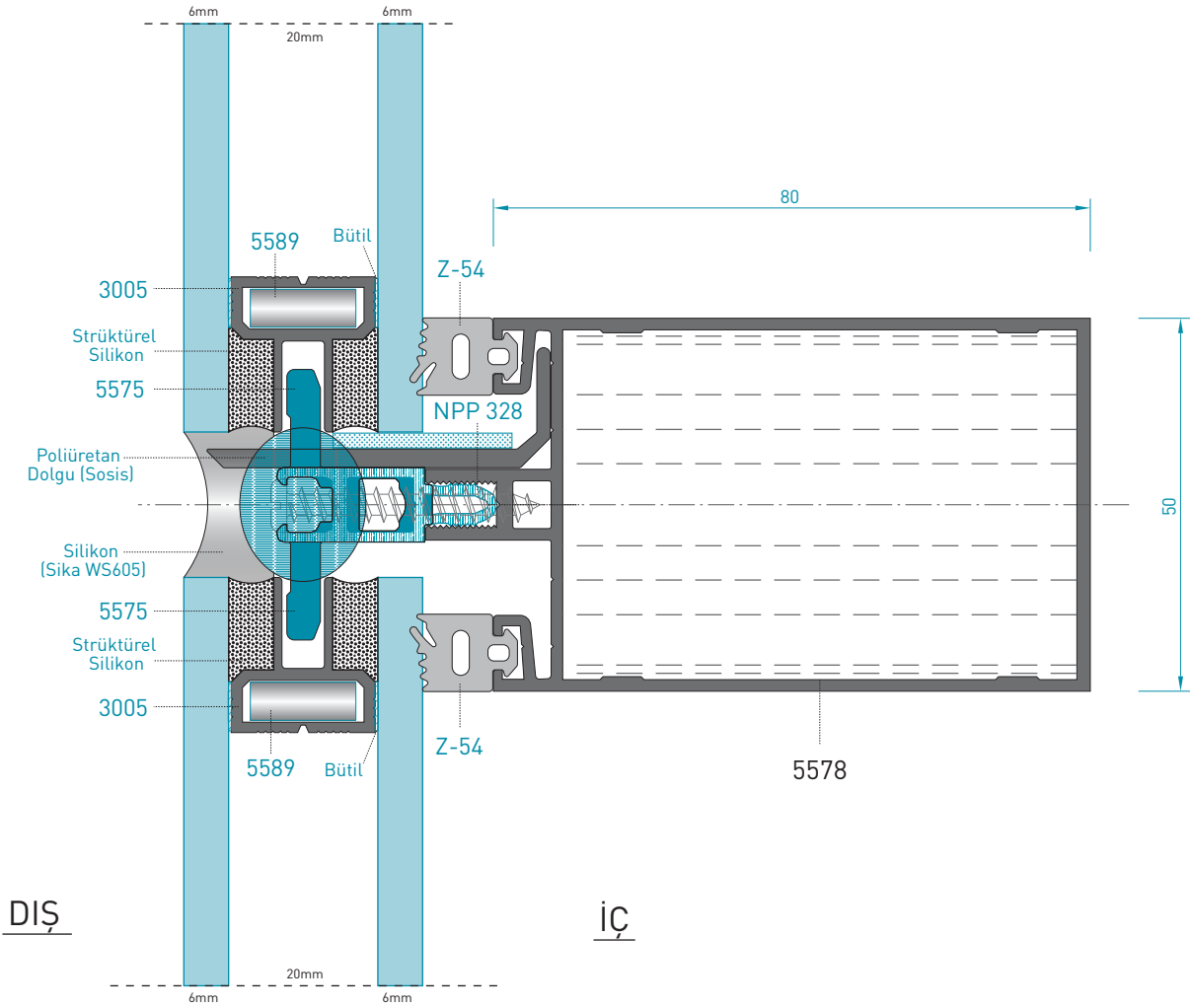
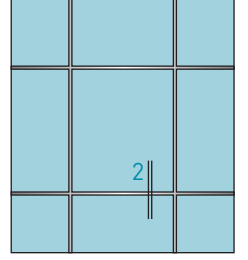
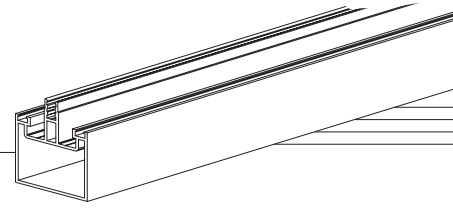
2532
KÖŞE TAKOZU
2.325 kg/mt

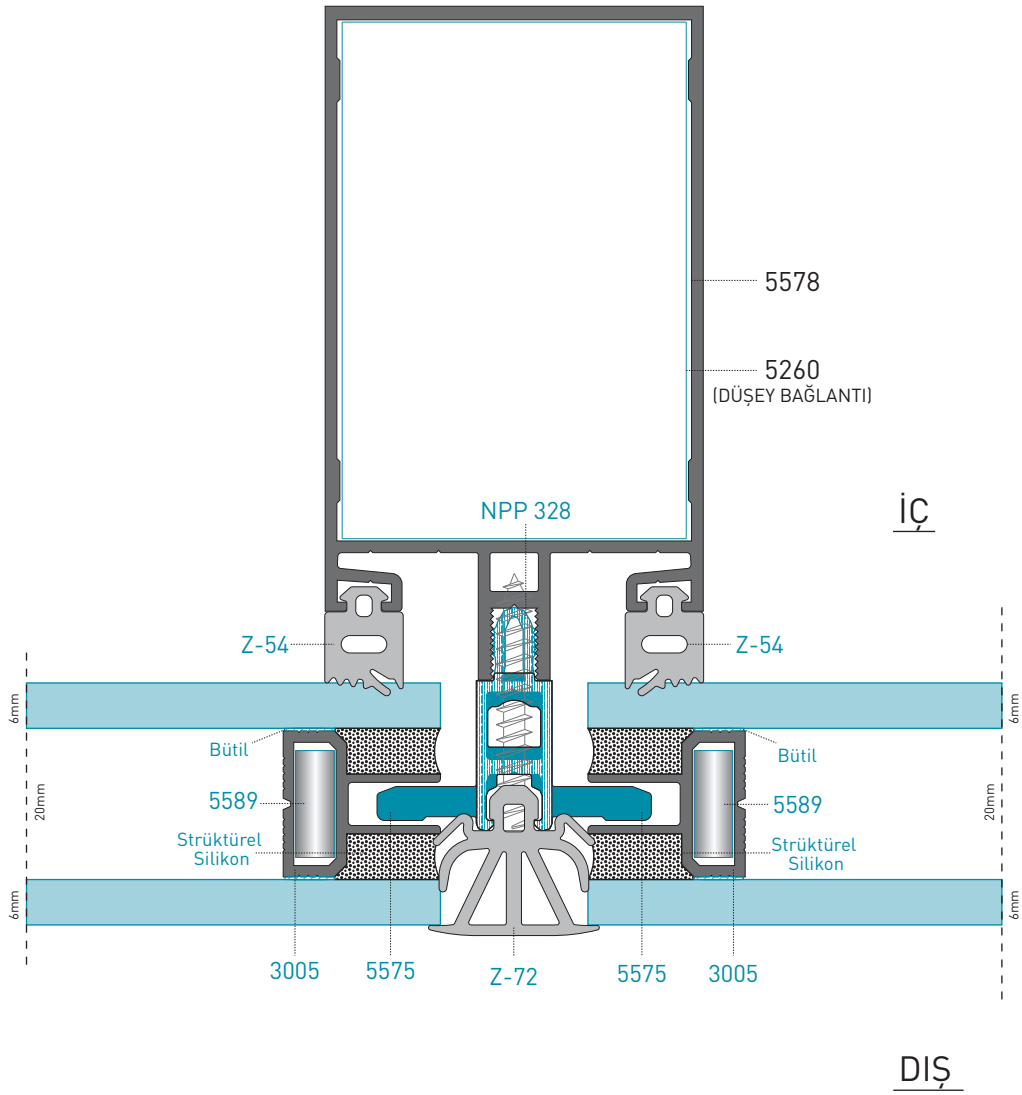
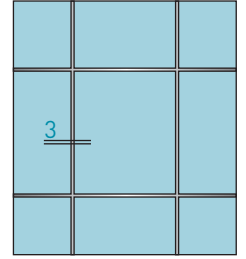


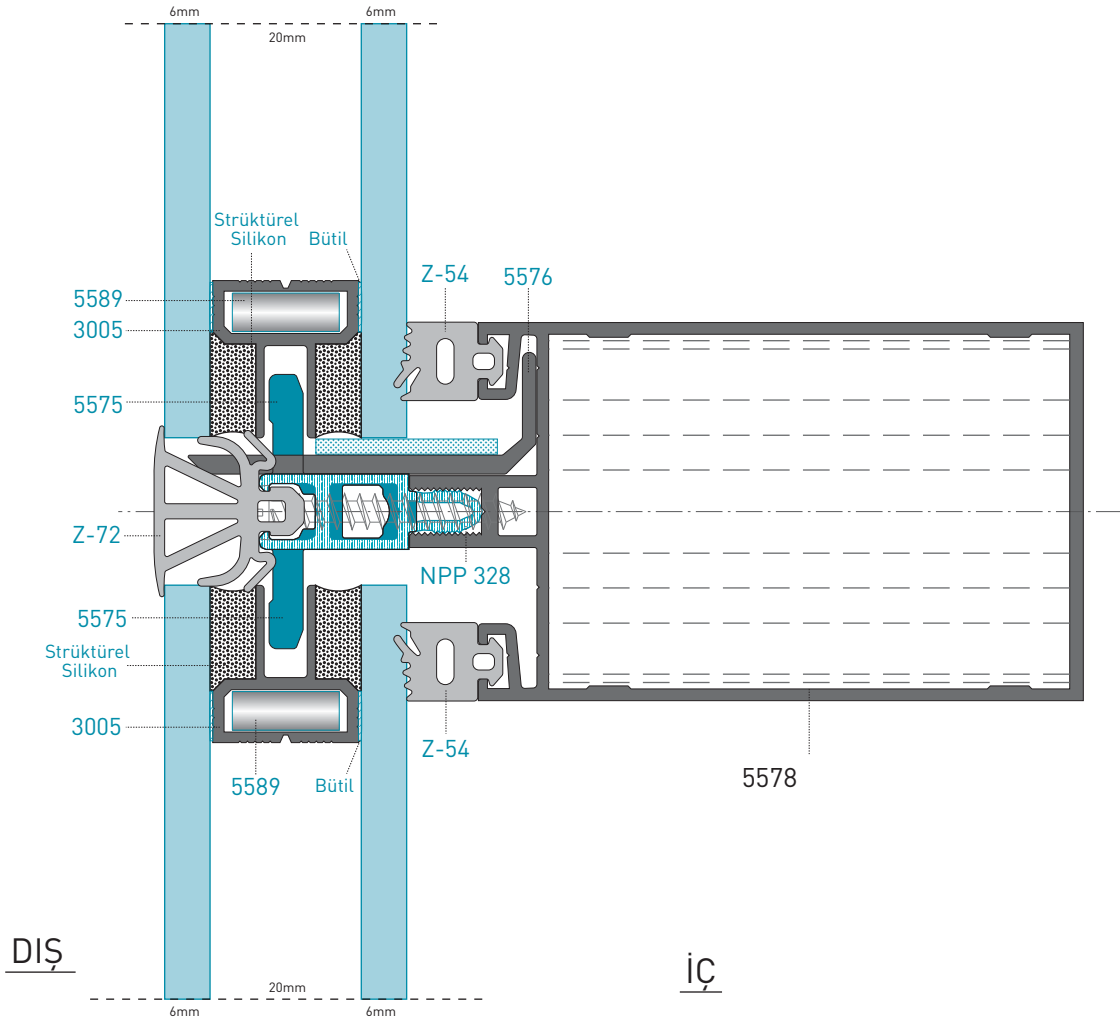
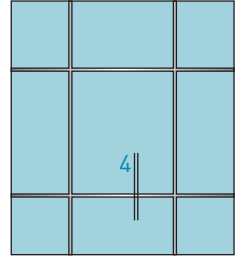
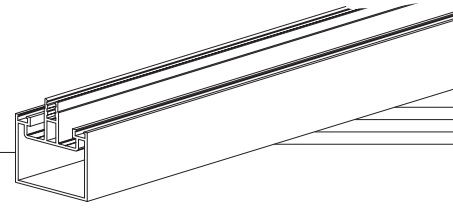
Profil No	Kesim Ölçüsü (1)	Sipariş Kodu	Kesim Ölçüsü (2)	Sipariş Kodu
5573	20,6 mm	2532-054	7,4 mm	2532-050
5572	15,4 mm	2532-053		
5570	21,4 mm	2532-055	13,2 mm	2532-052
5571	15,4 mm	2532-053		
5590	10,1 mm	2532-051		
5595	10,1 mm	2532-051		
5201	31,6 mm	2532-056		
5211	31,6 mm	2532-056		

* Belirtilen ağırlıklar Pres Profil için teorik kilogramlardır.
* Boyalı Profillerde ağırlığa % 5 ilave edilmesi gereklidir.

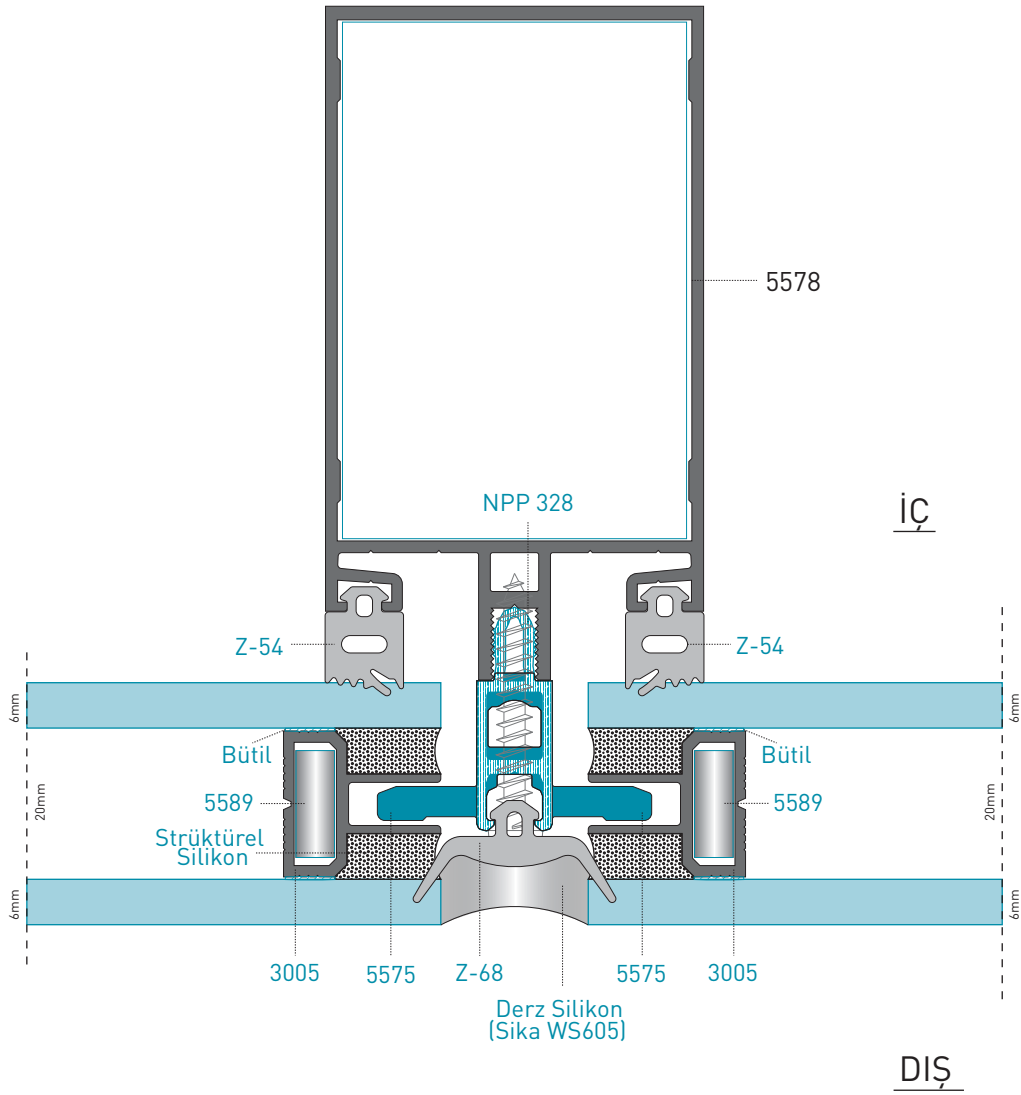
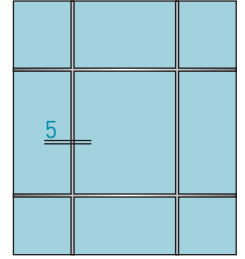


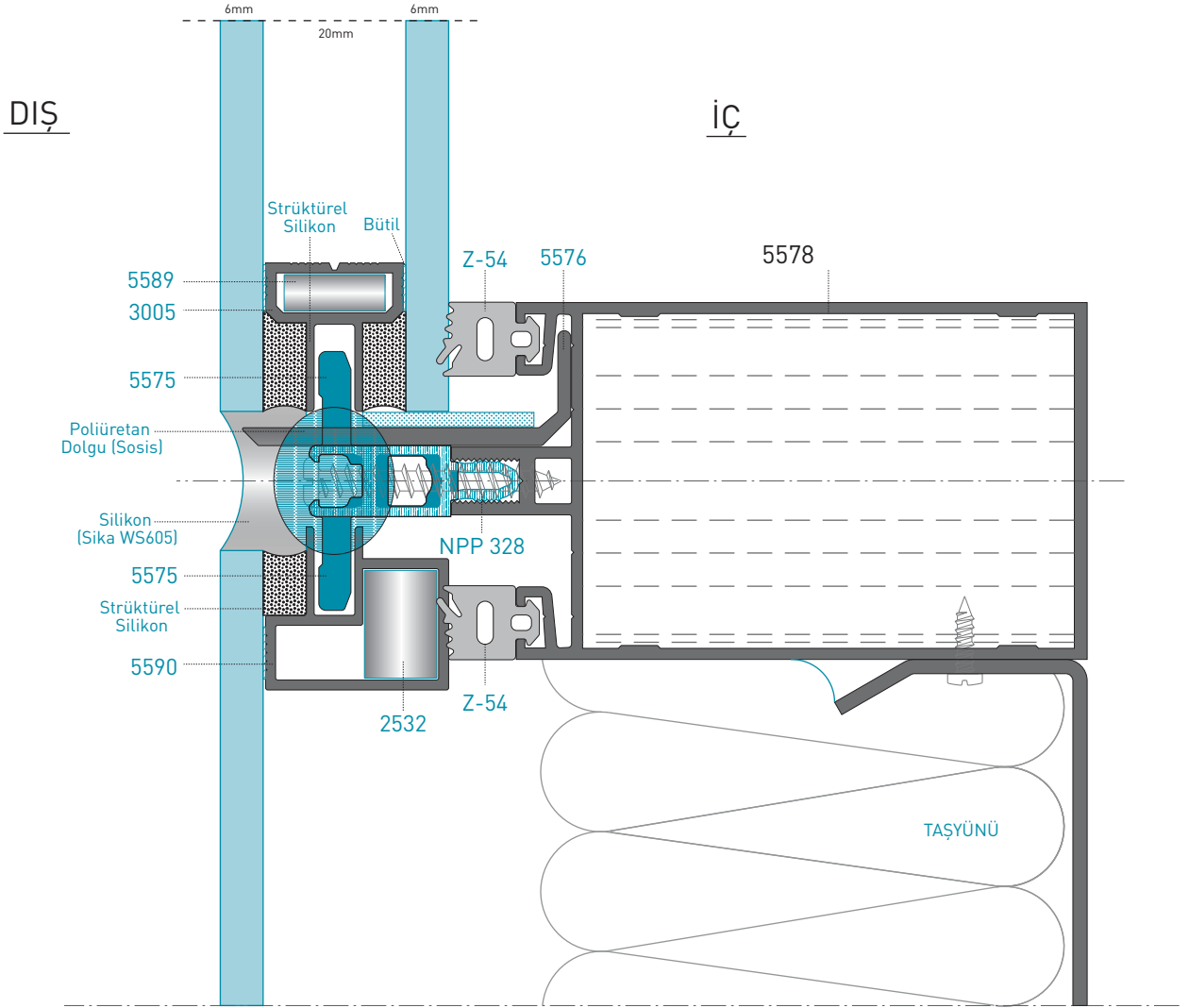
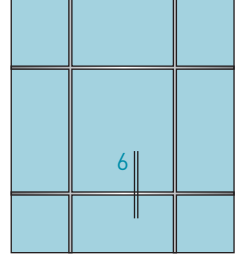
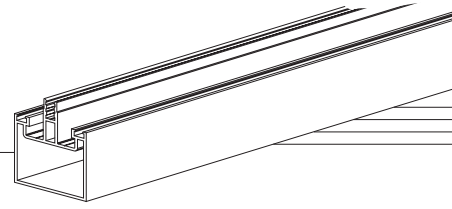


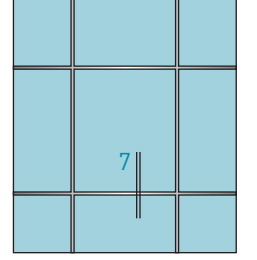




SİSTEM DETAYLARI

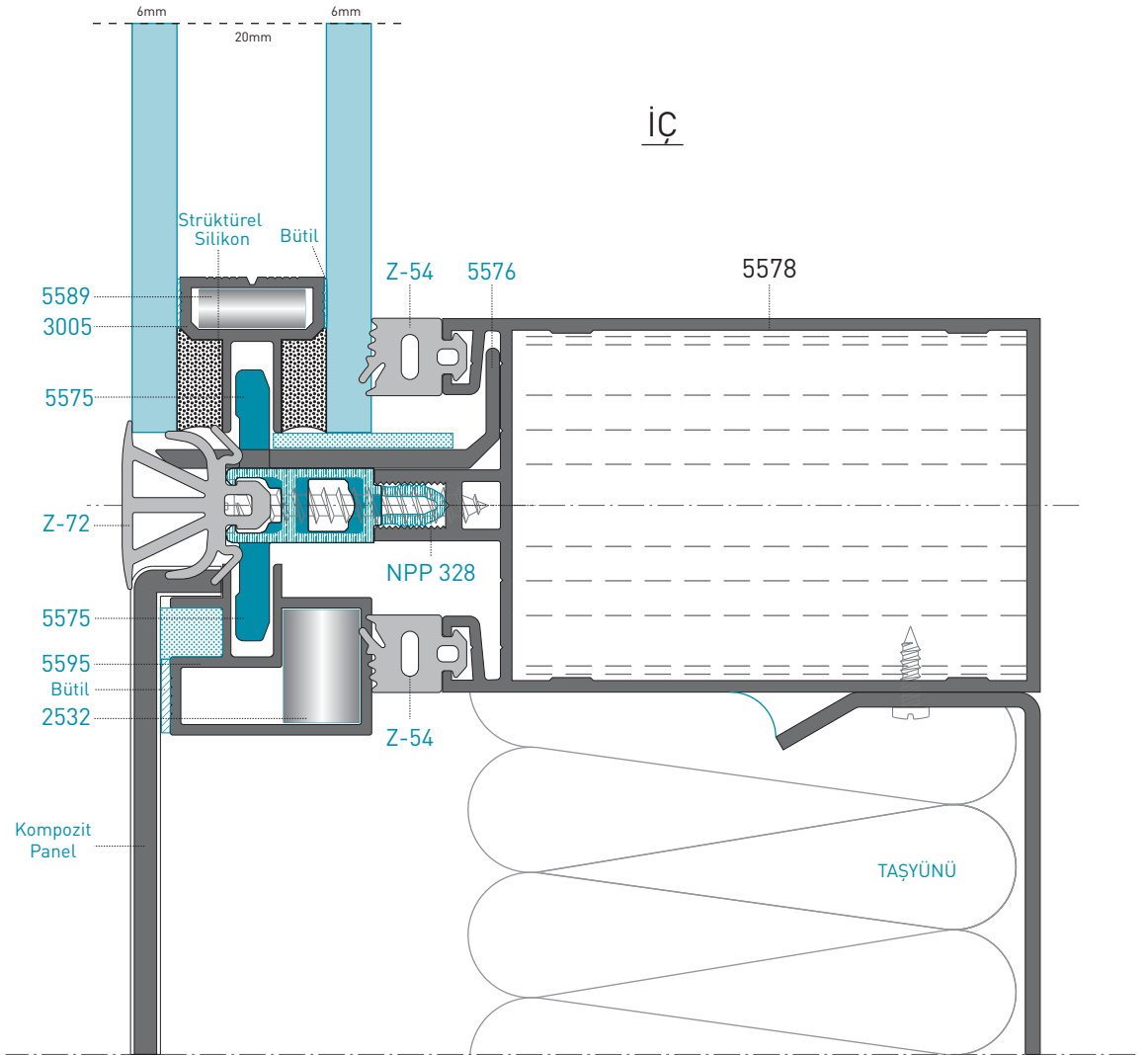


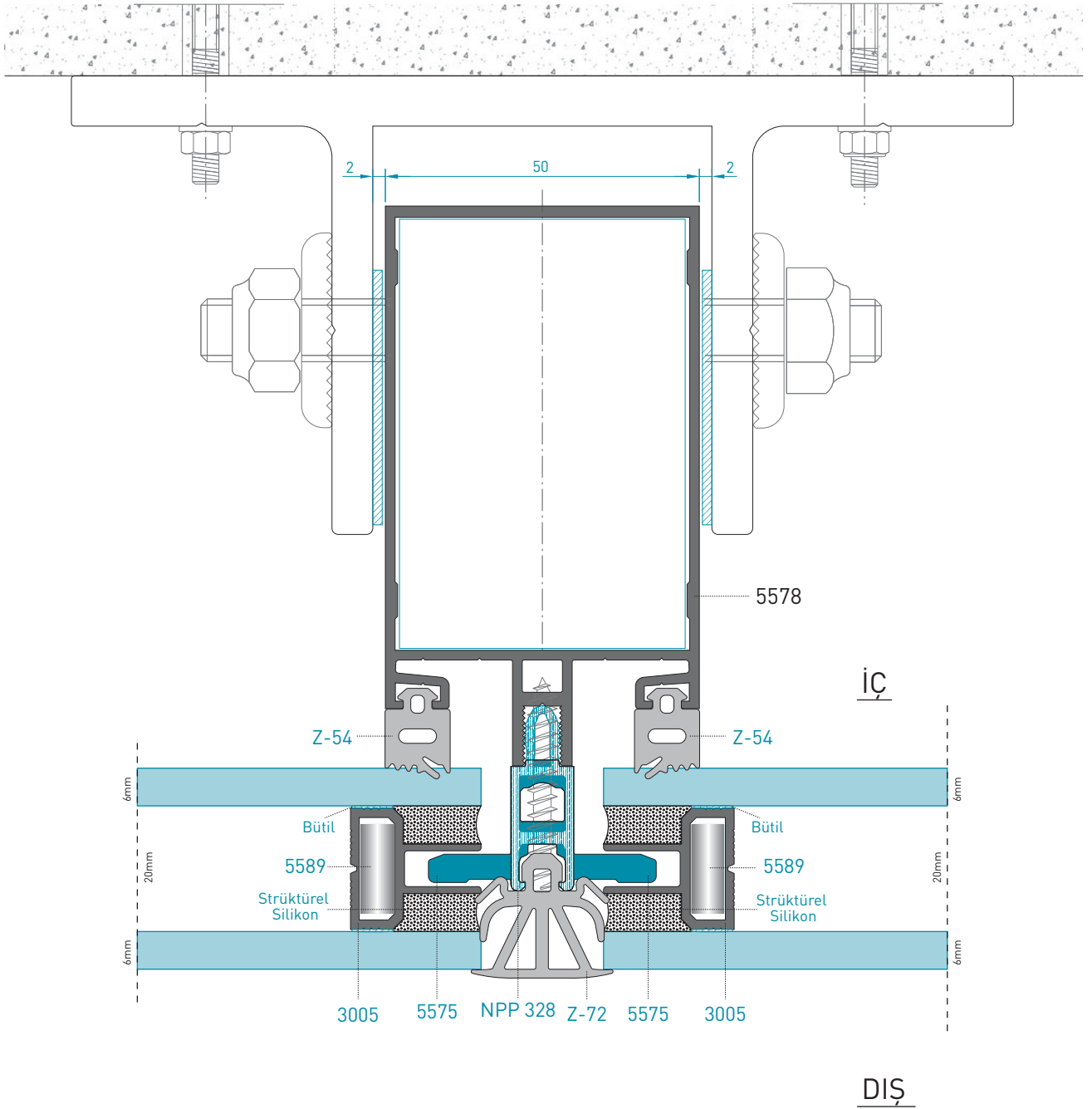
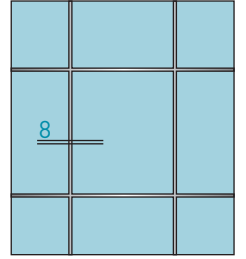
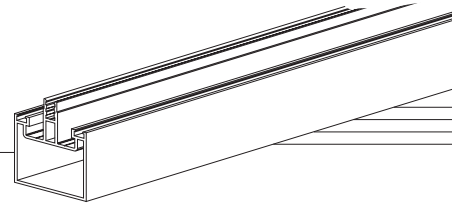


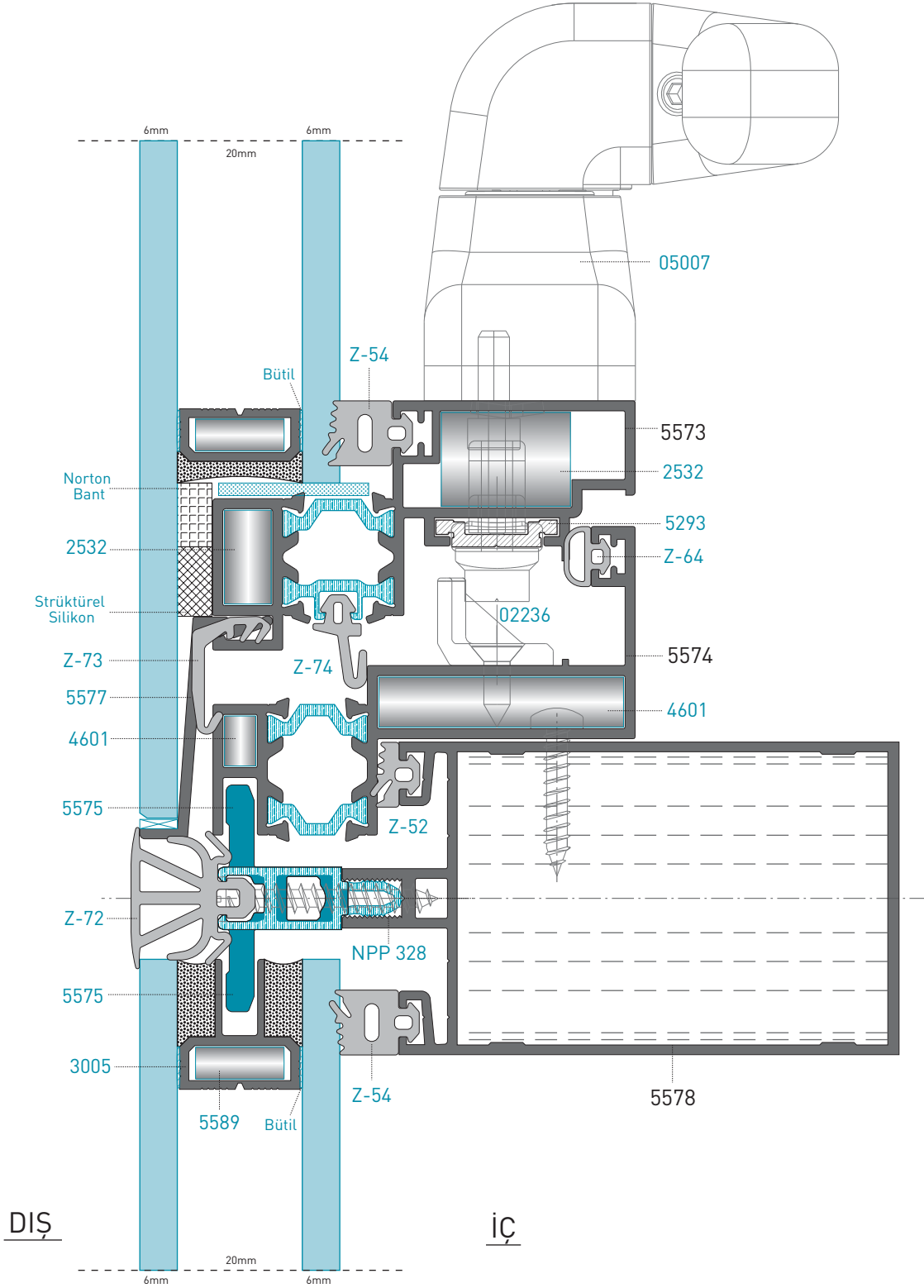
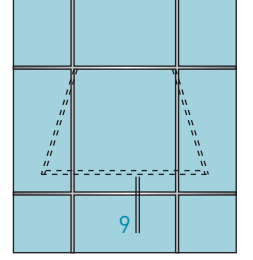
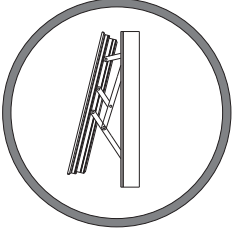


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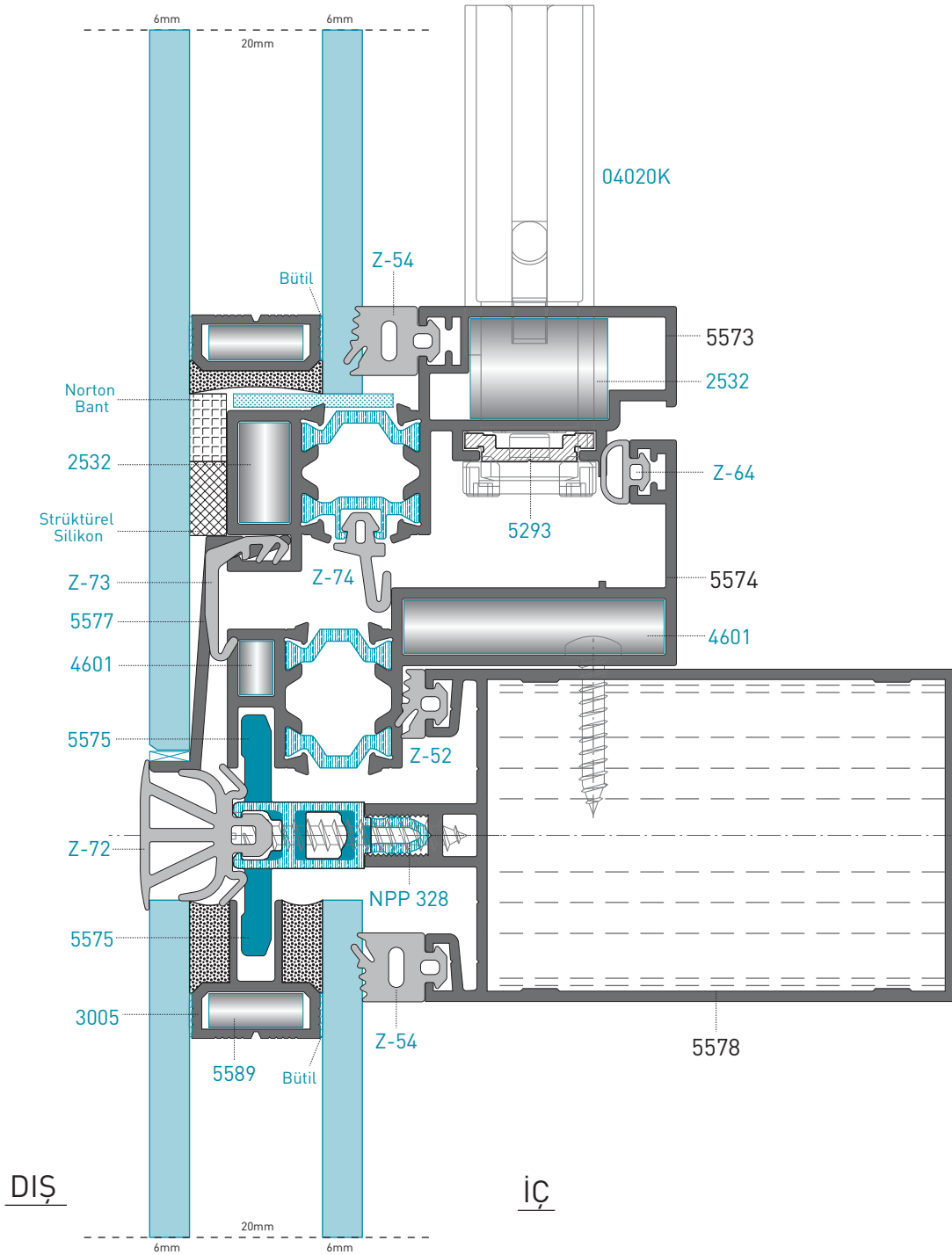
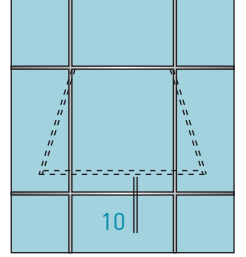
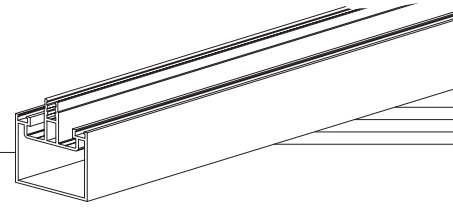
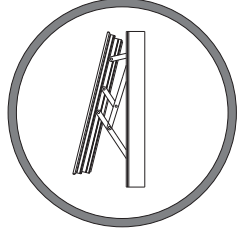
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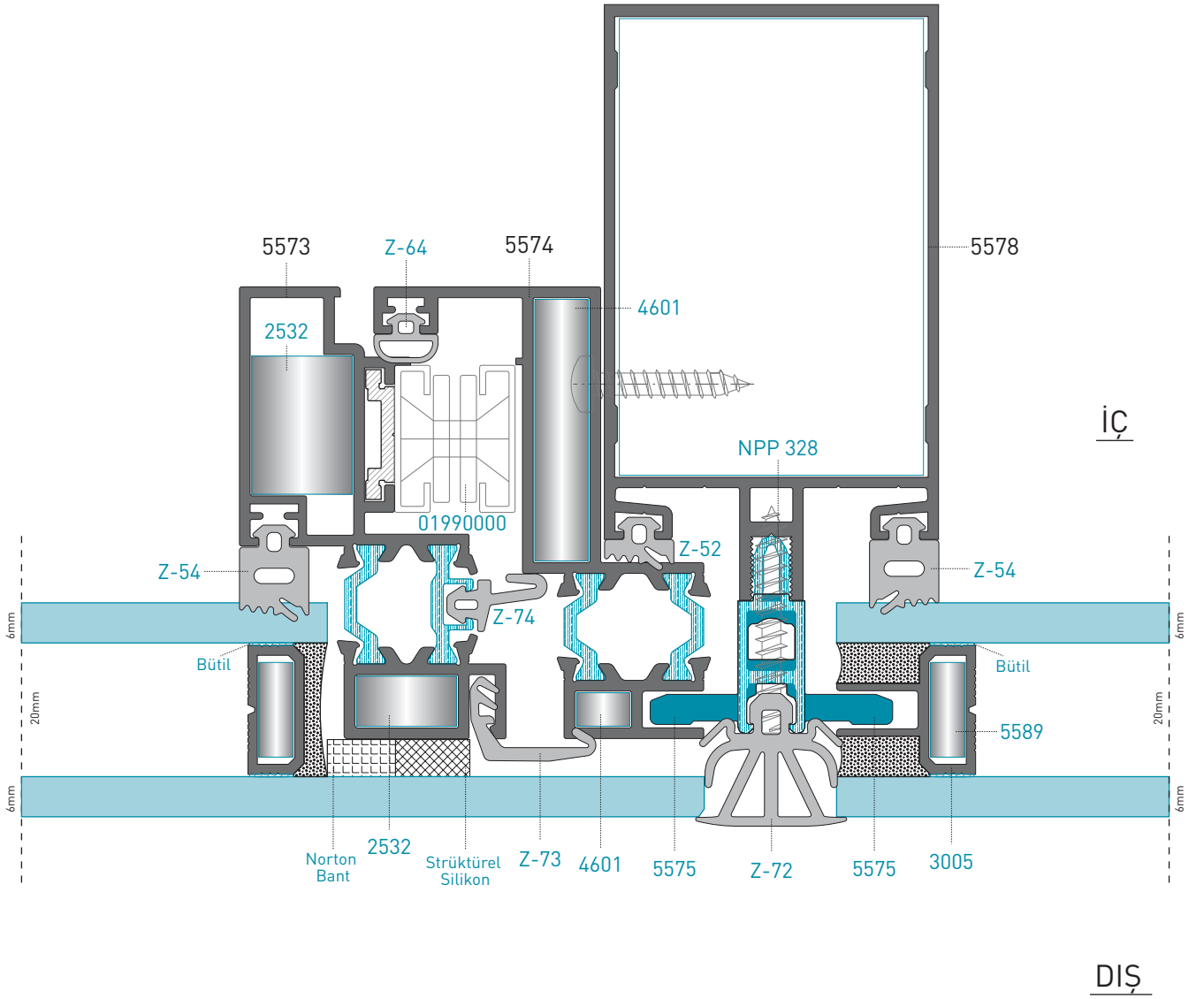
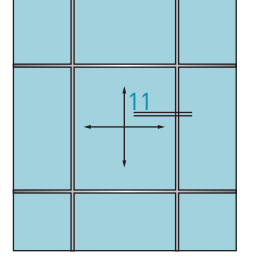
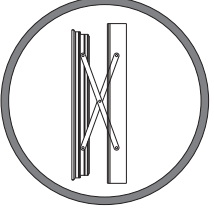




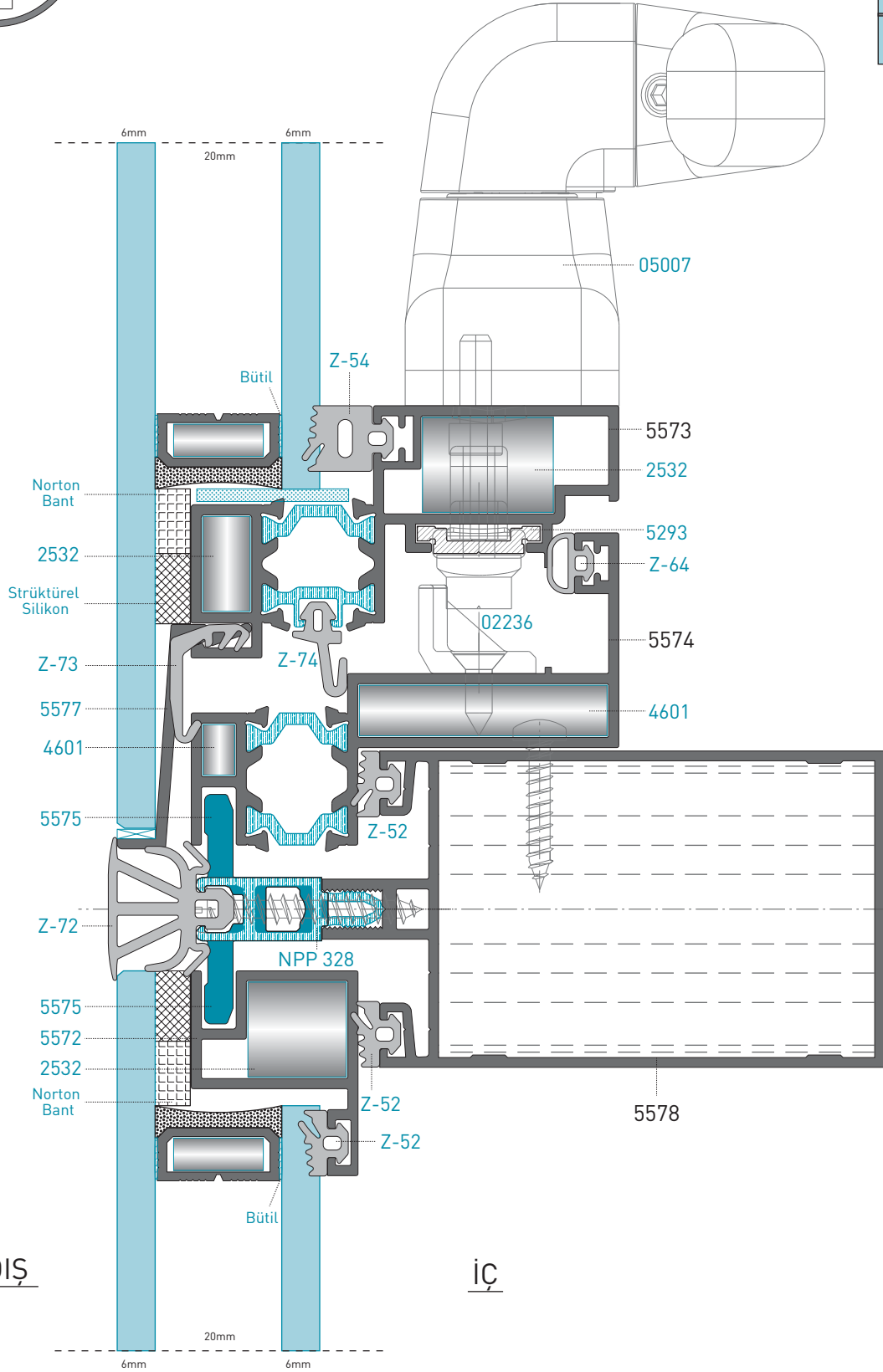
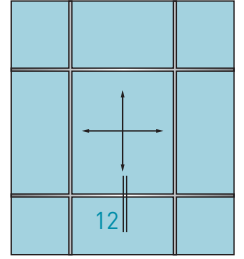
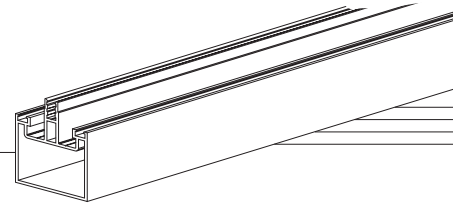
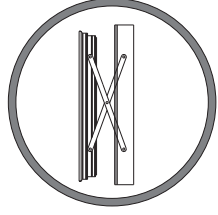


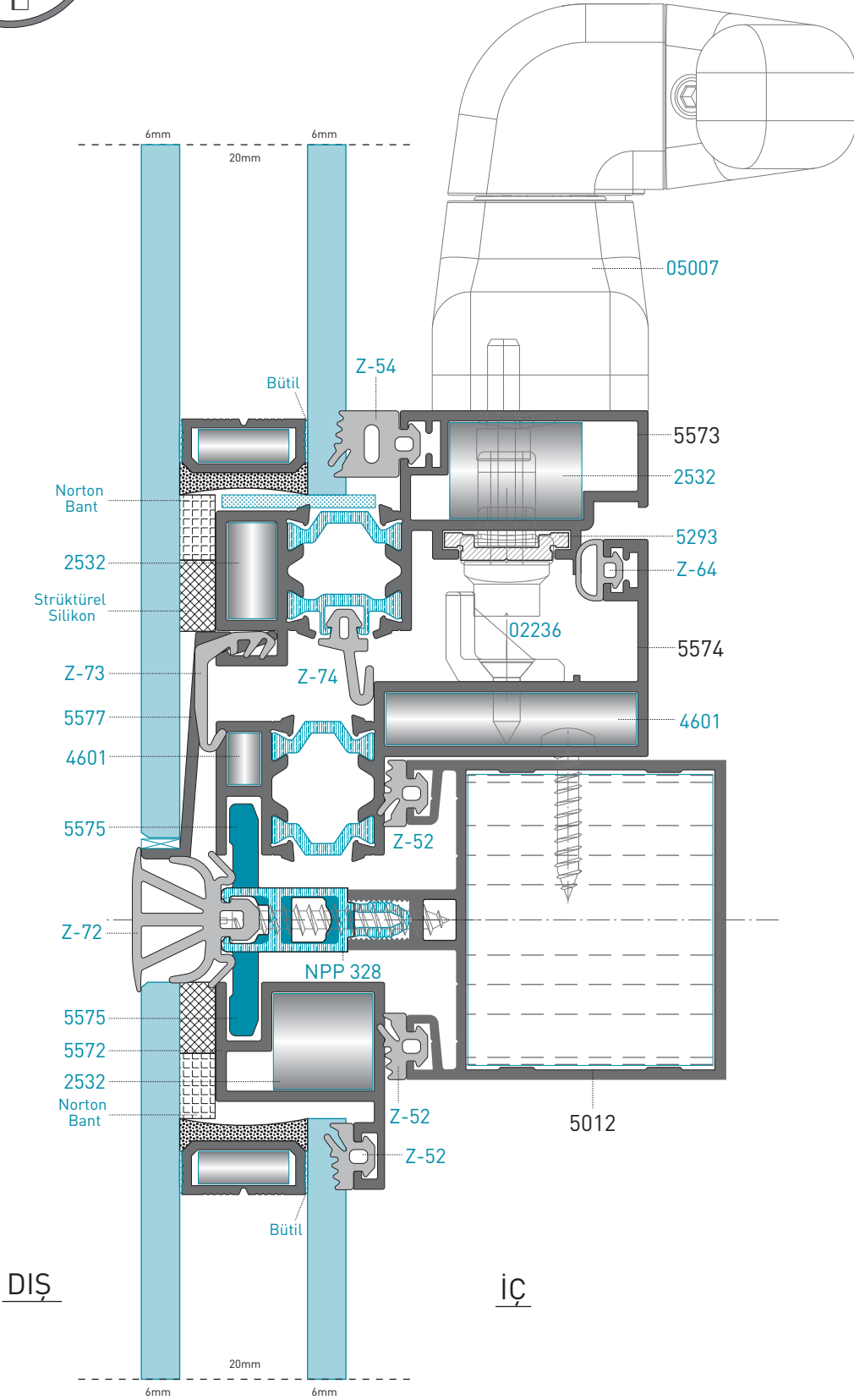
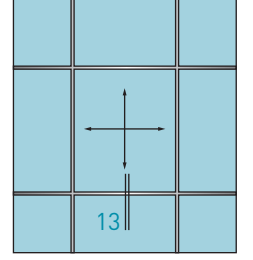
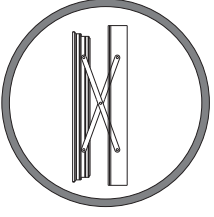
SİSTEM DETAYLARI



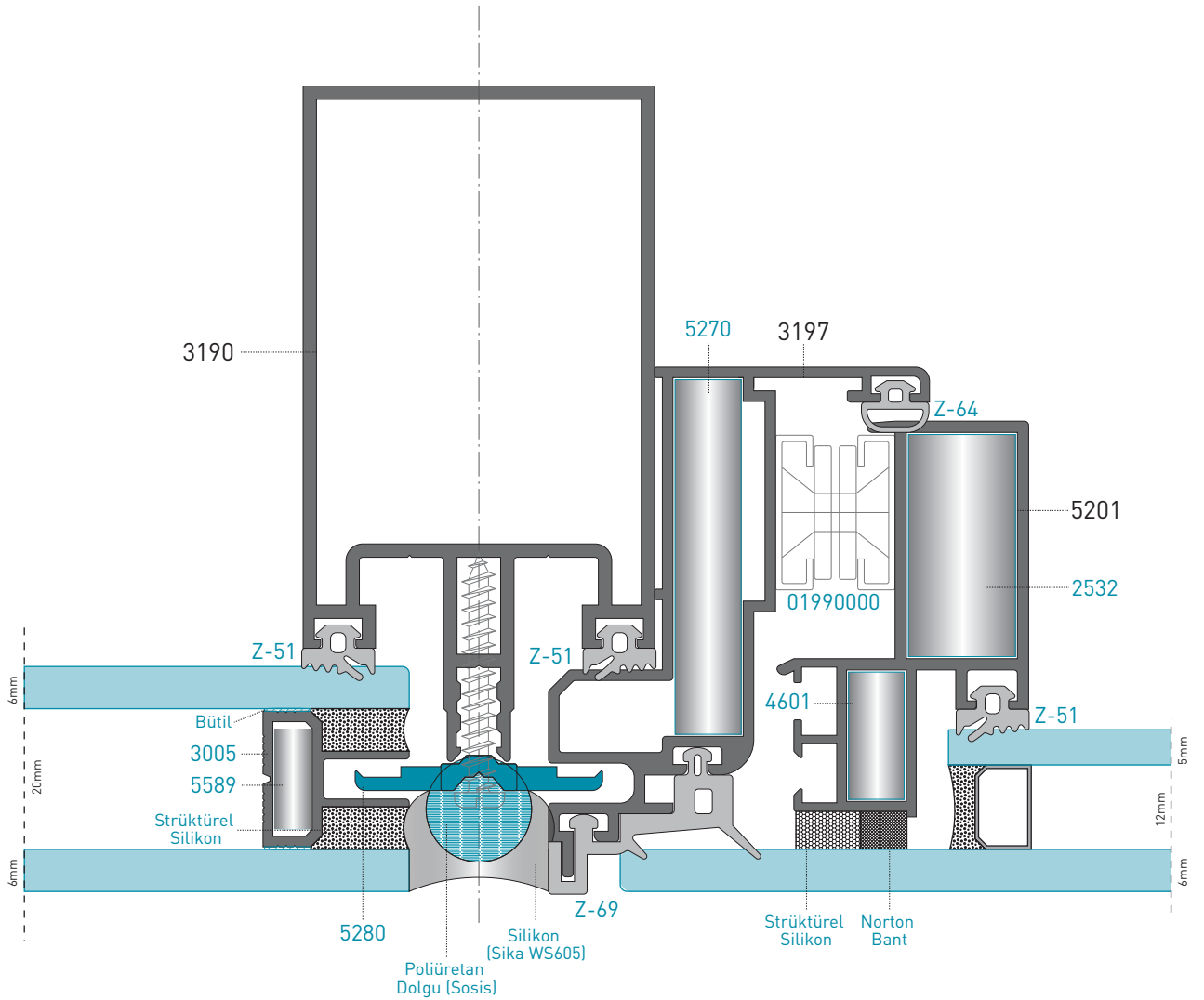
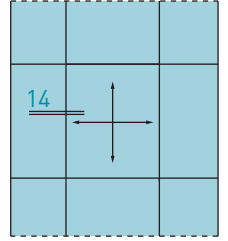
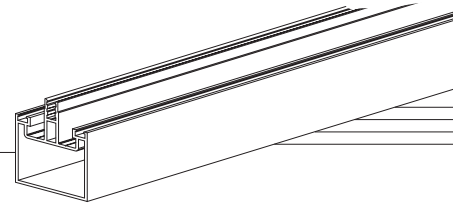
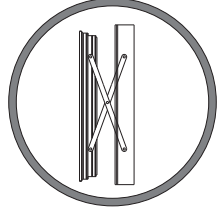


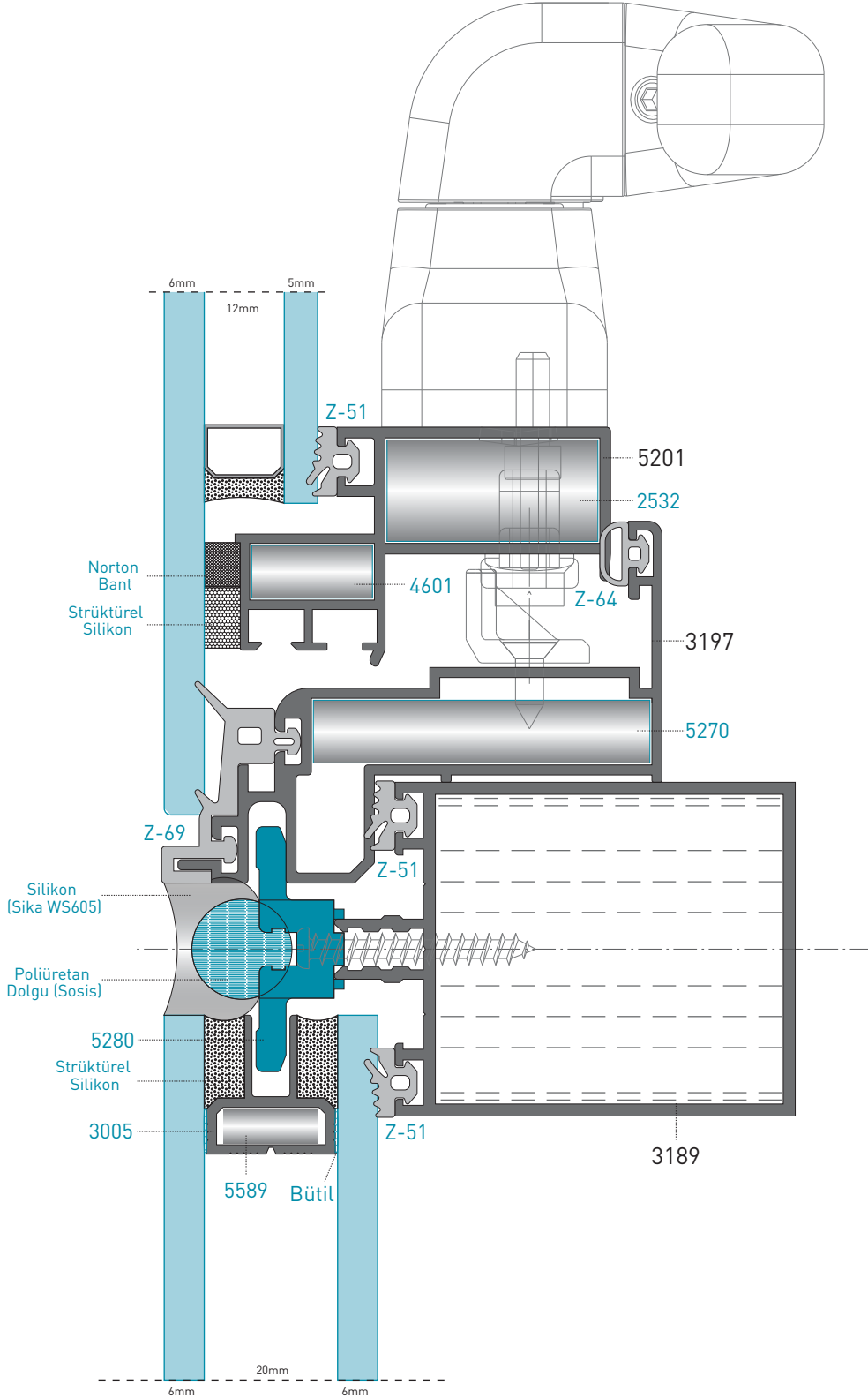
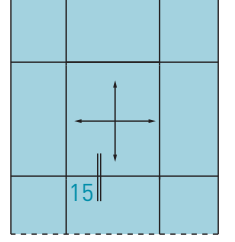
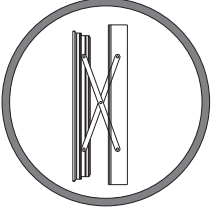
SİSTEM DETAYLARI

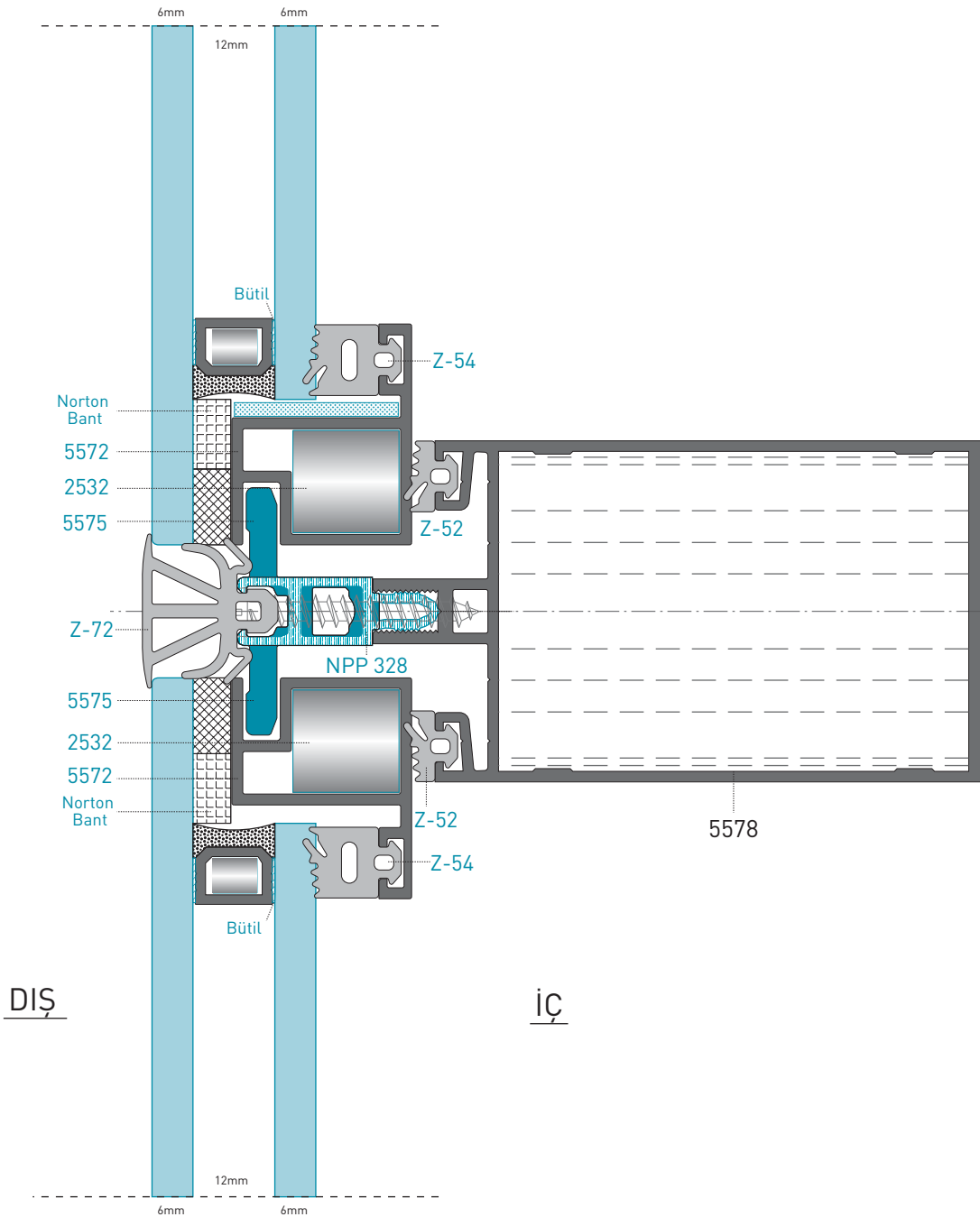
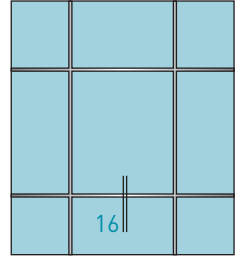
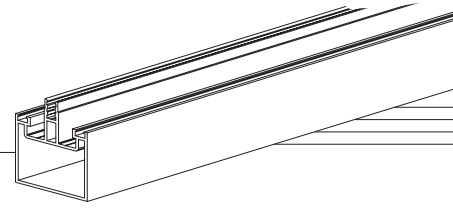


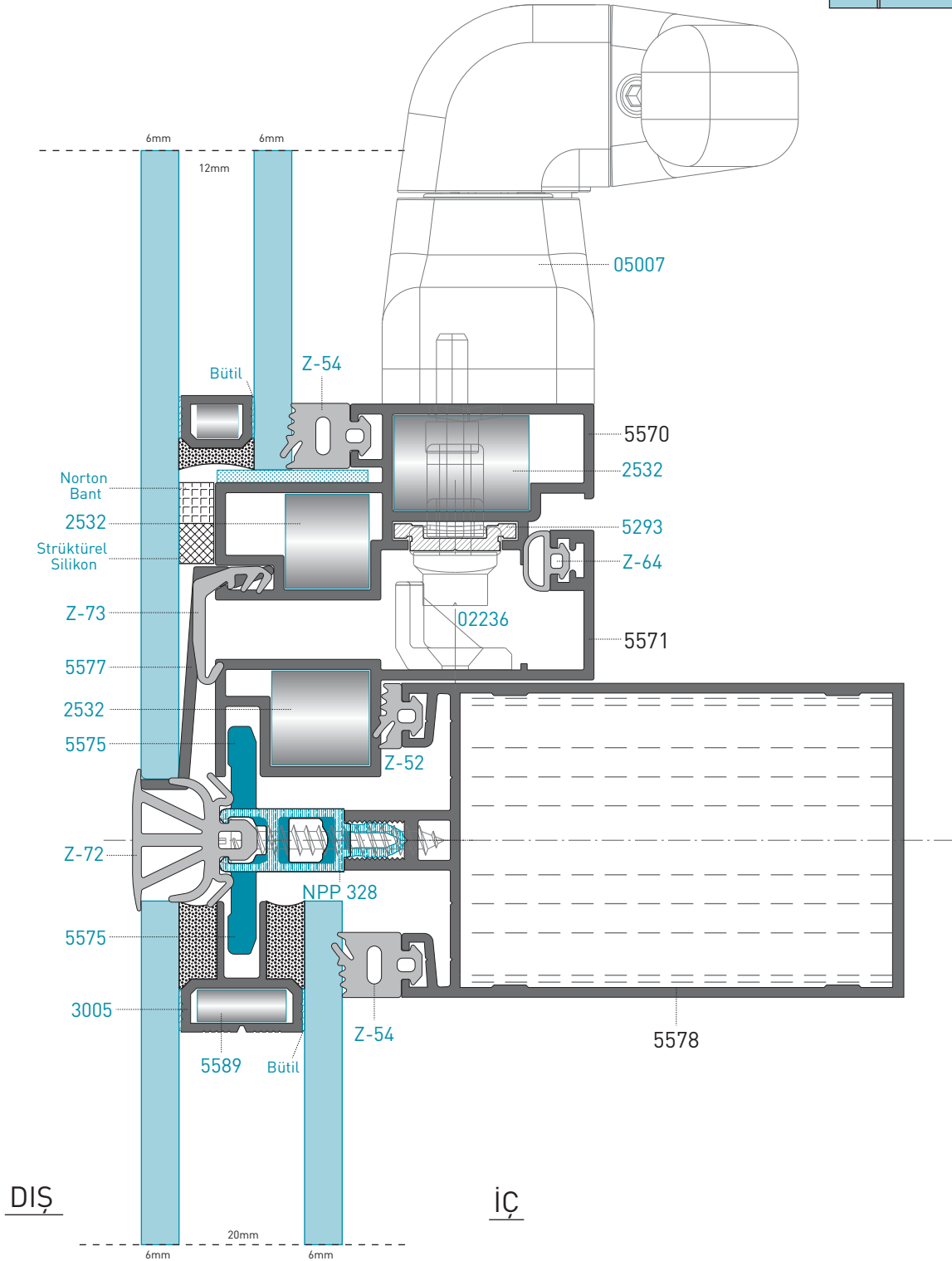
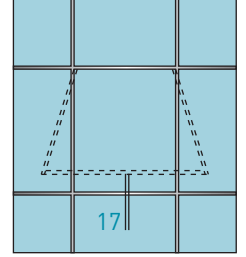
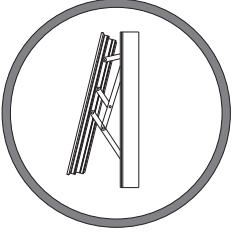


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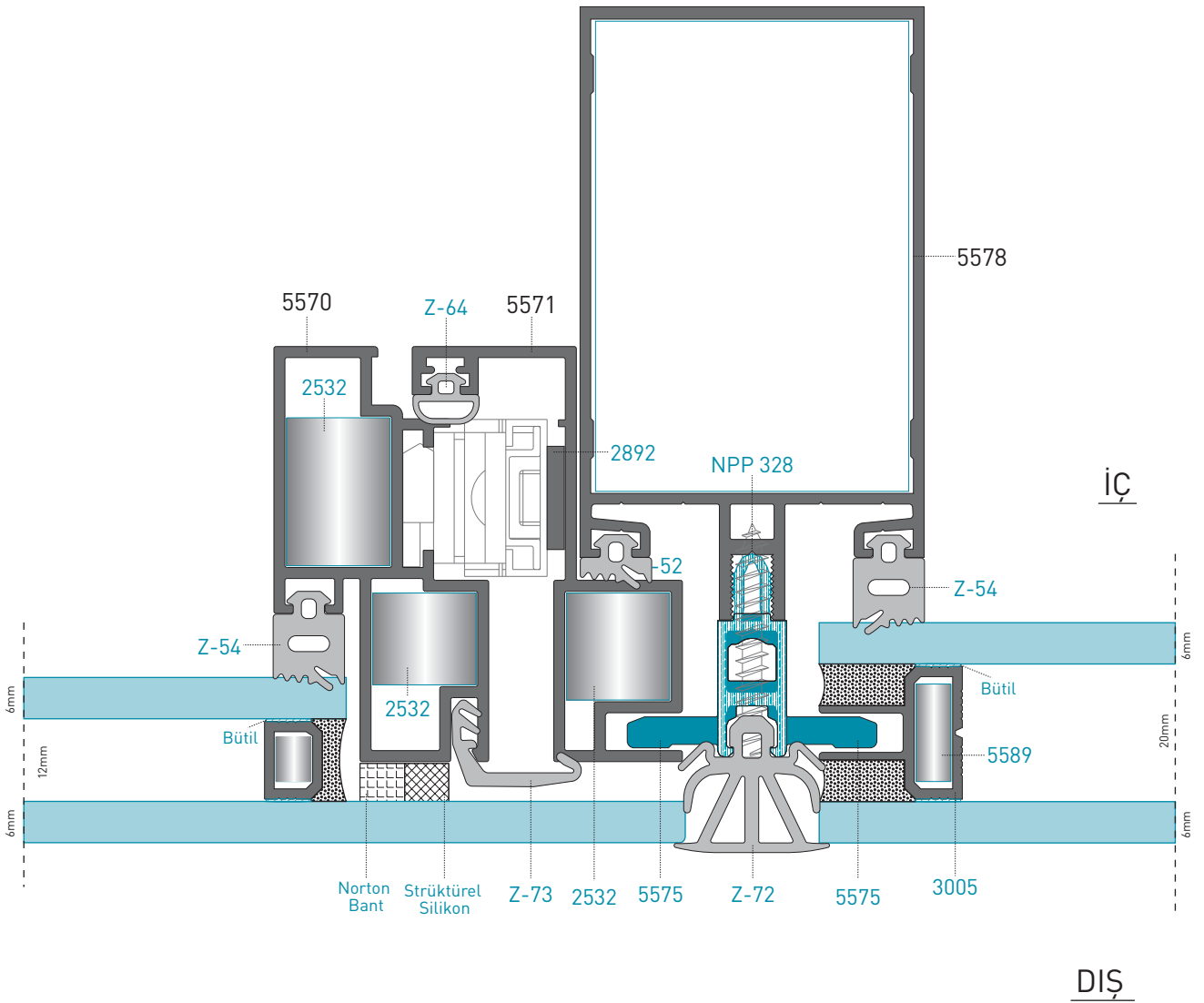
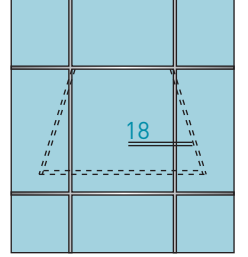
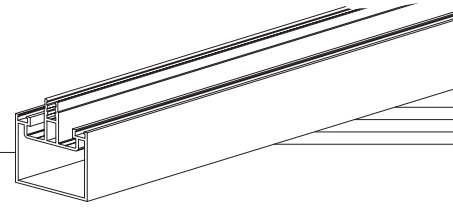
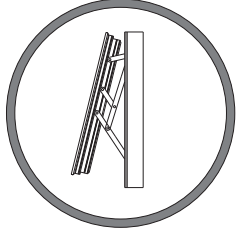


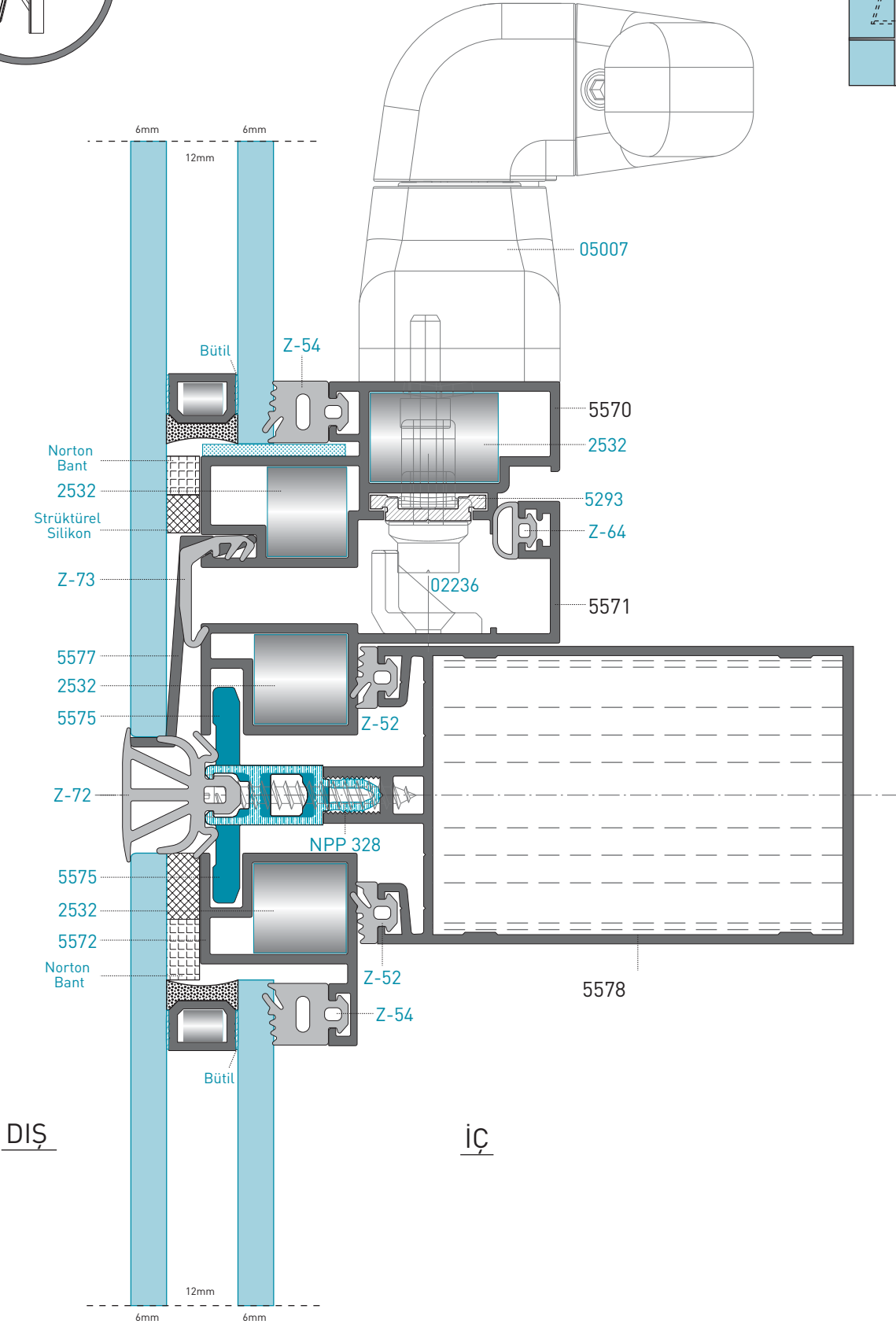
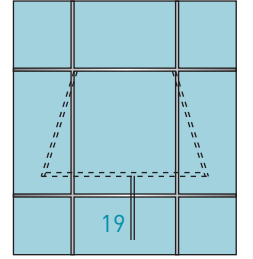
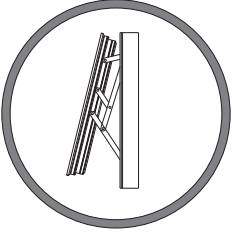




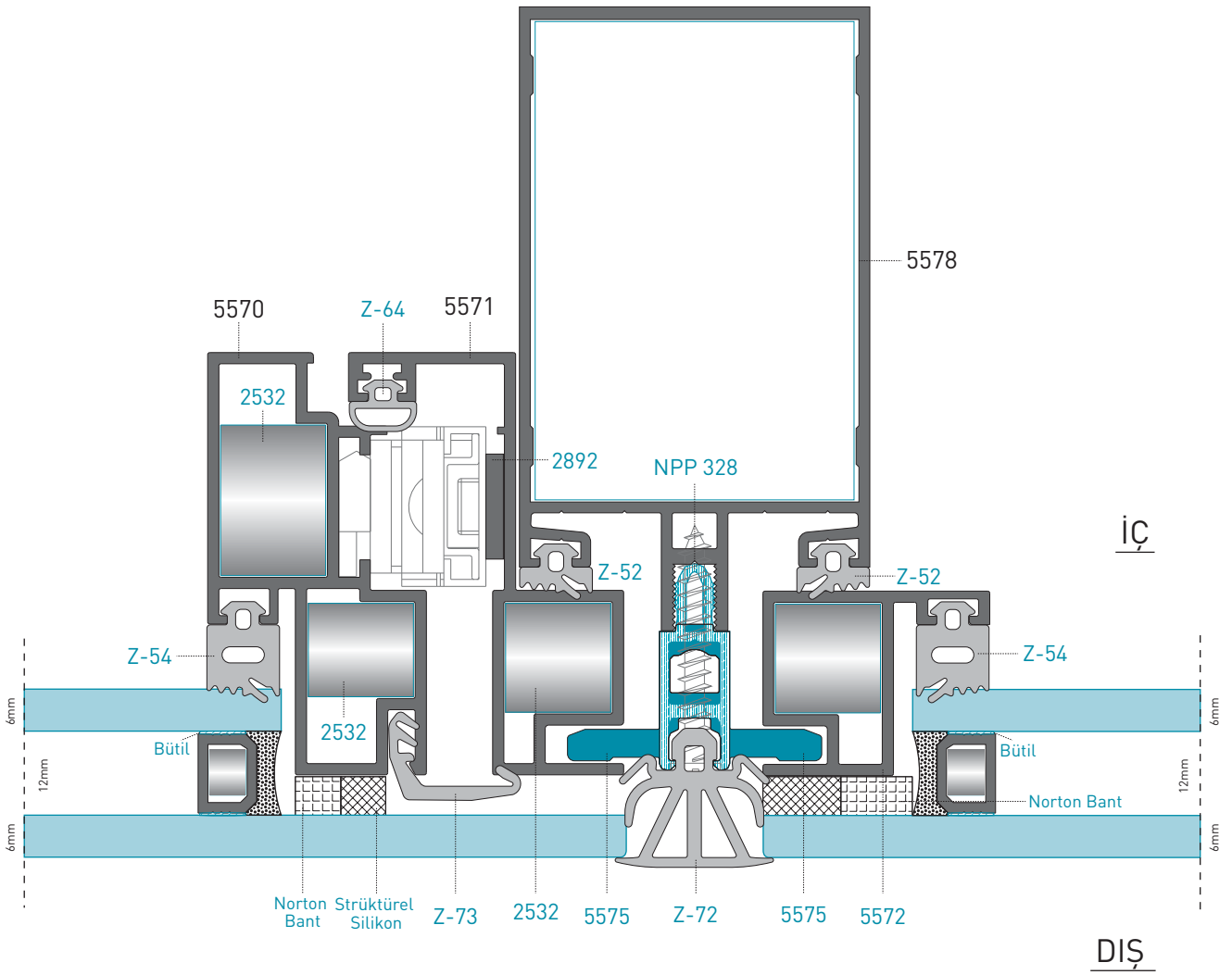
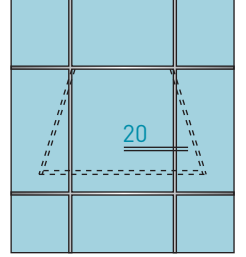
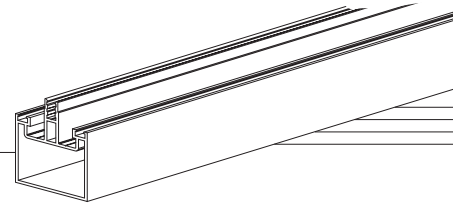
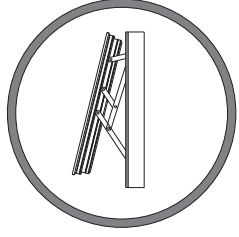


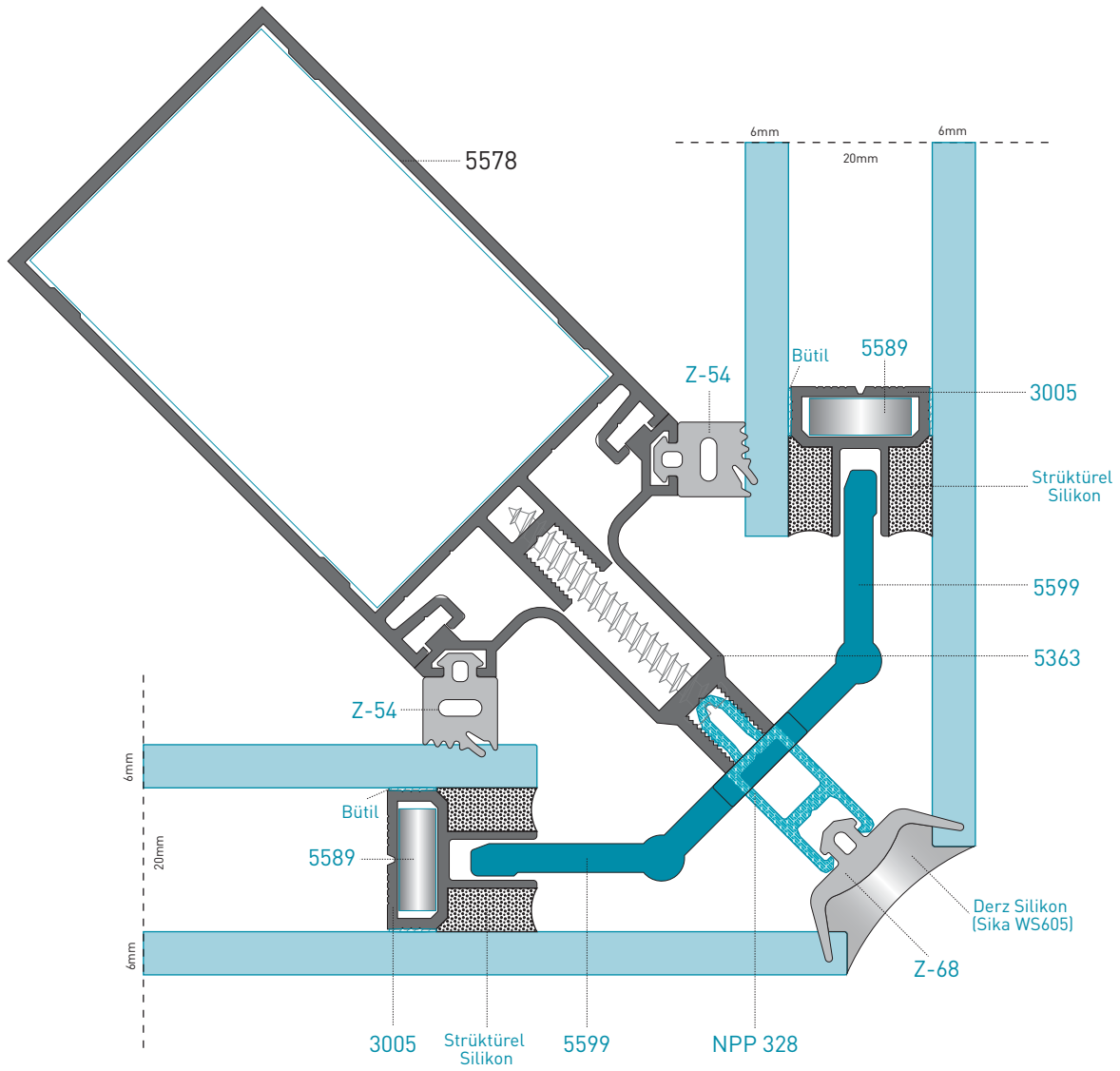
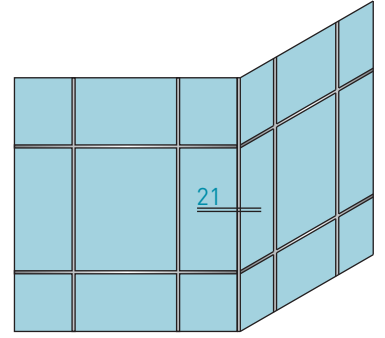
SİSTEM DETAYLARI

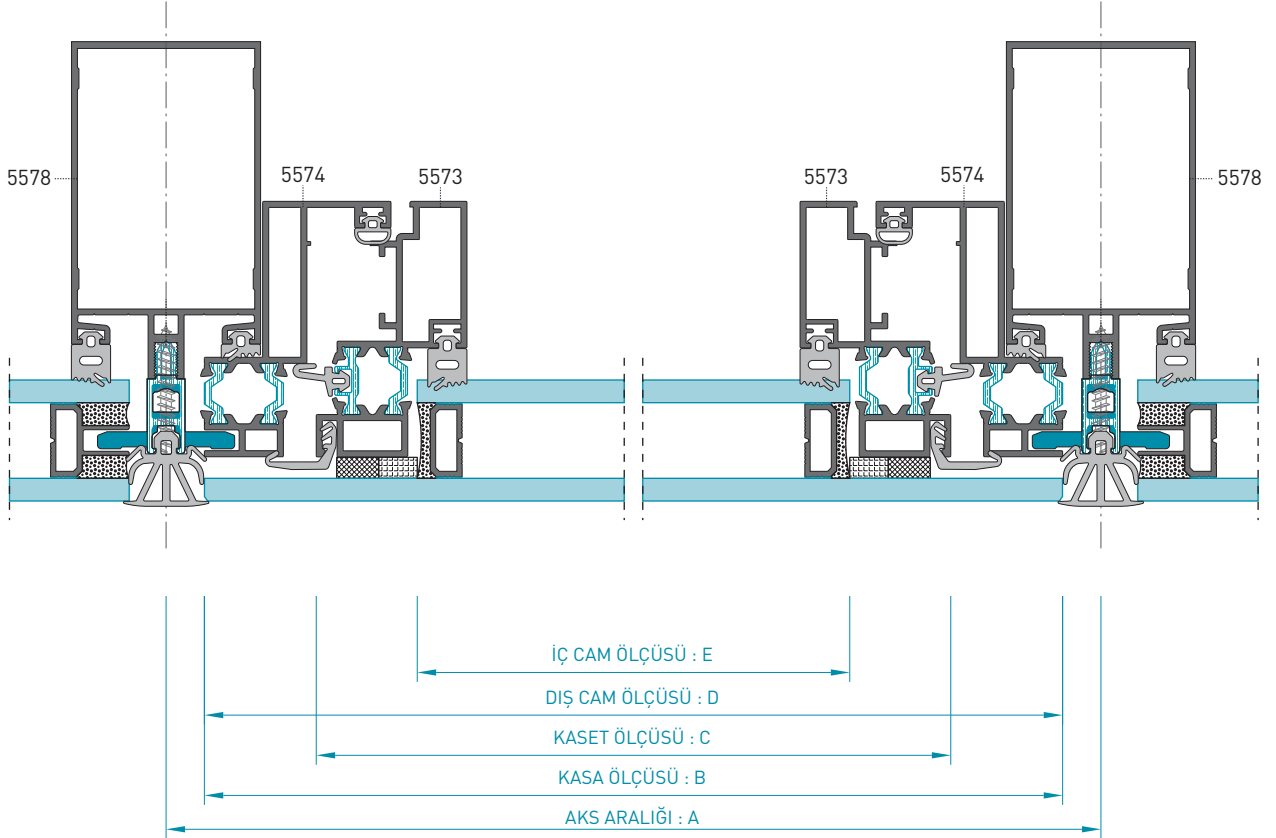
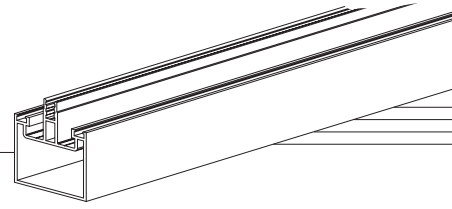




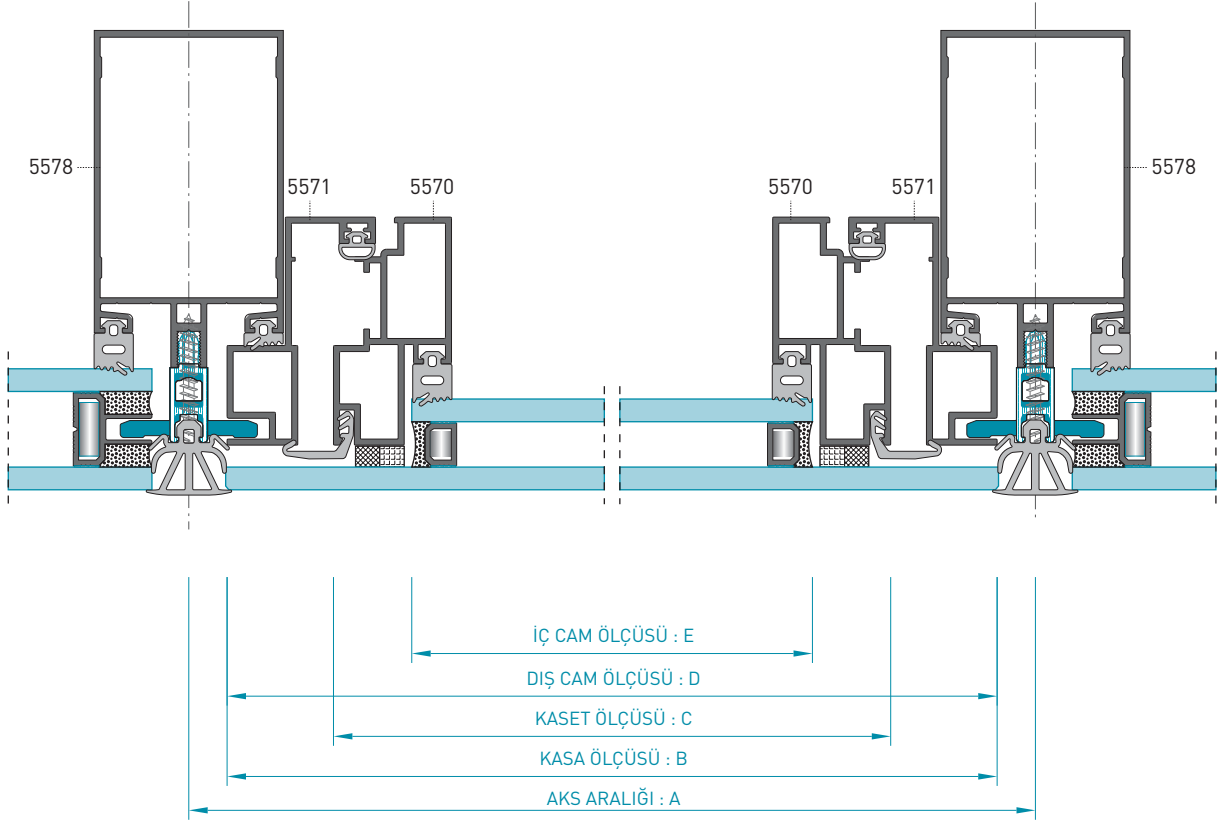
SİSTEM DETAYLARI



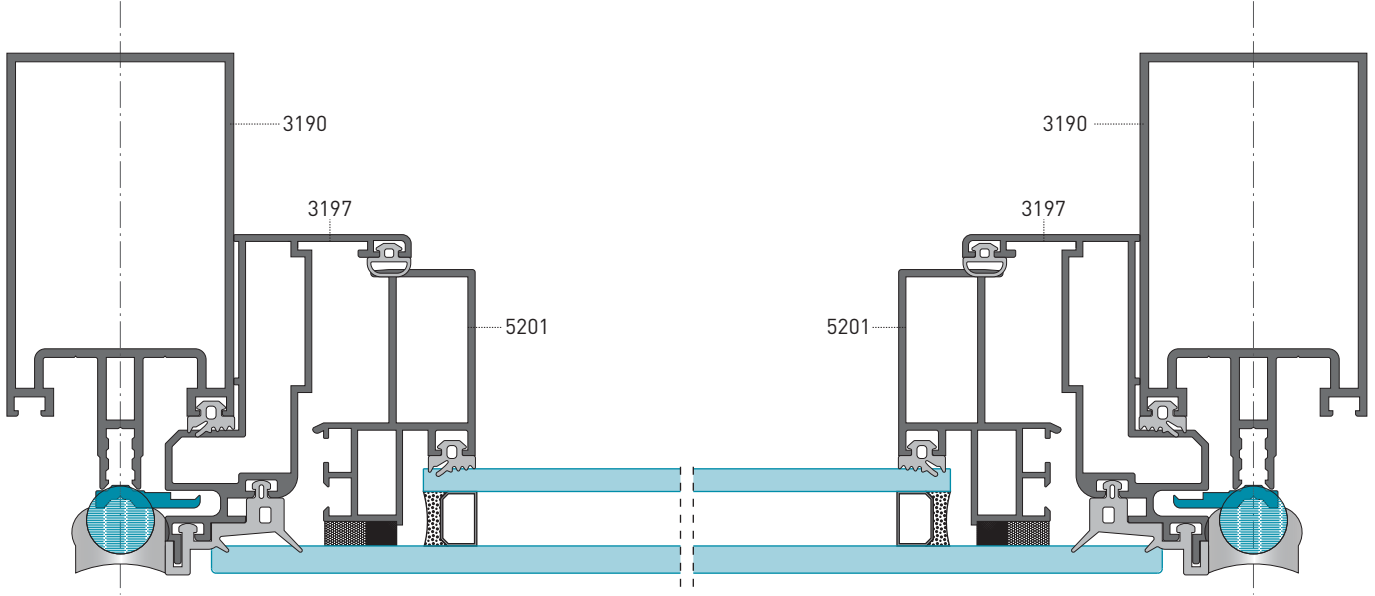
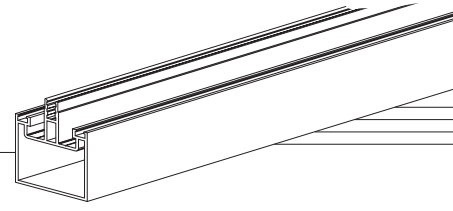




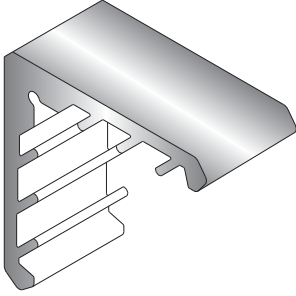
KASA ÖLÇÜSÜ	$B = A - 20,3 \text{ mm}$
KASET ÖLÇÜSÜ	$C = A - 79,4 \text{ mm}$
DIŞ CAM ÖLÇÜSÜ	$D = A - 20,3 \text{ mm}$
İÇ CAM ÖLÇÜSÜ	$E = D - 112,6 \text{ mm}$



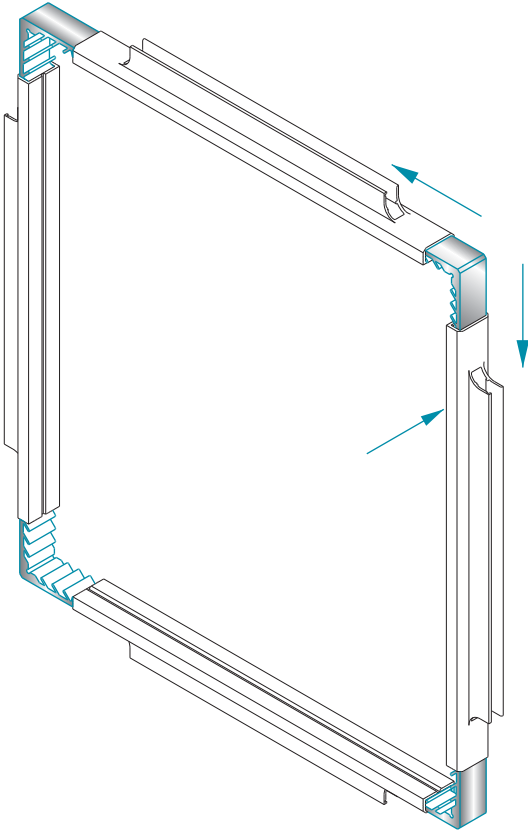
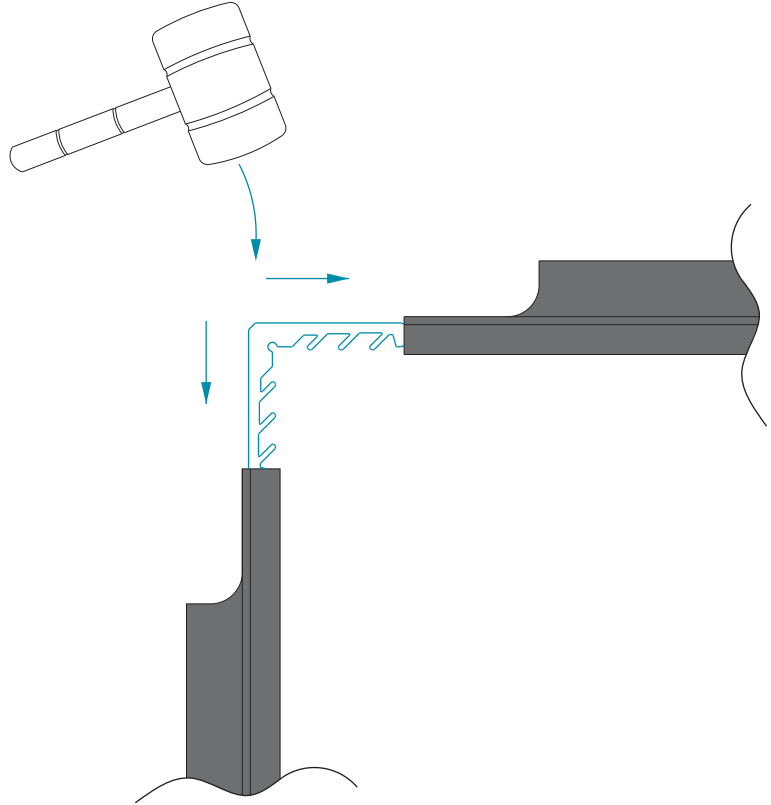
KASA ÖLÇÜSÜ	$B = A - 20,3 \text{ mm}$
KASET ÖLÇÜSÜ	$C = A - 76,5 \text{ mm}$
DIŞ CAM ÖLÇÜSÜ	$D = A - 20,3 \text{ mm}$
İÇ CAM ÖLÇÜSÜ	$E = D - 97,7 \text{ mm}$

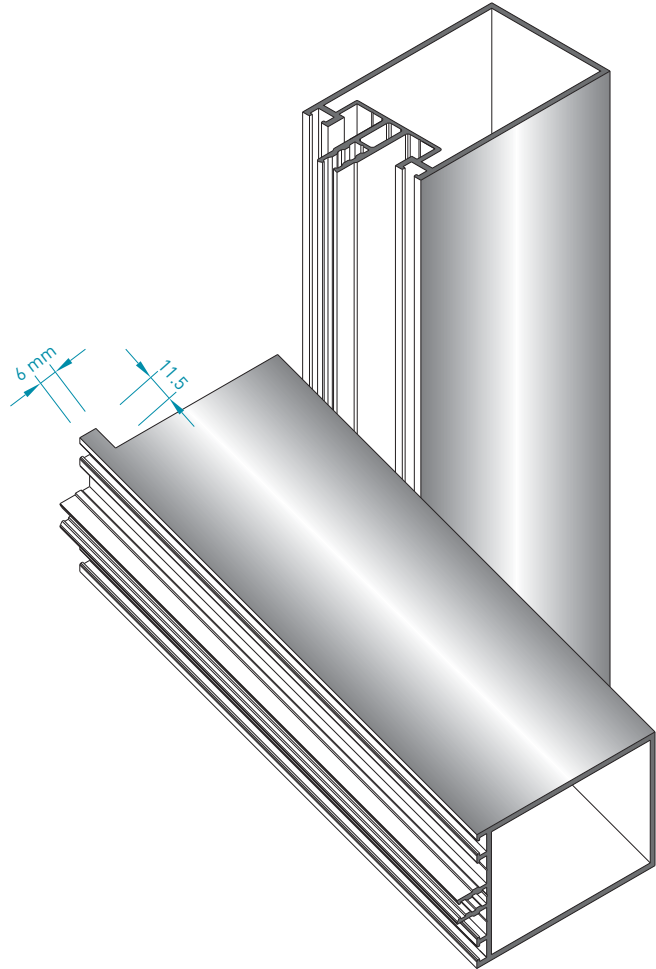
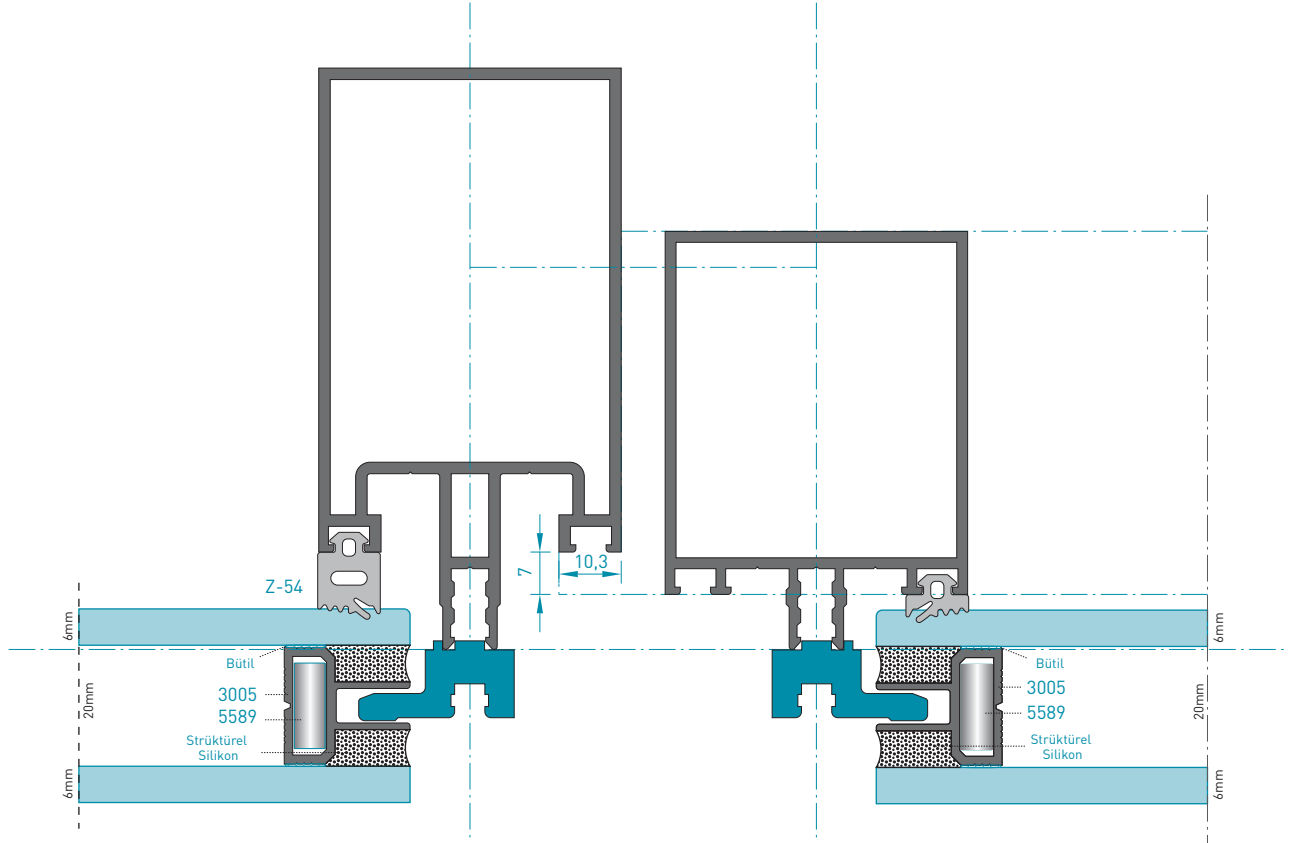
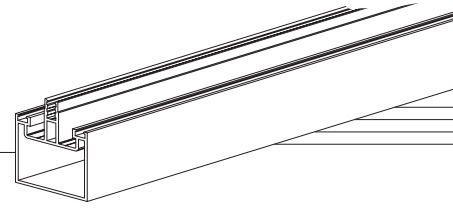


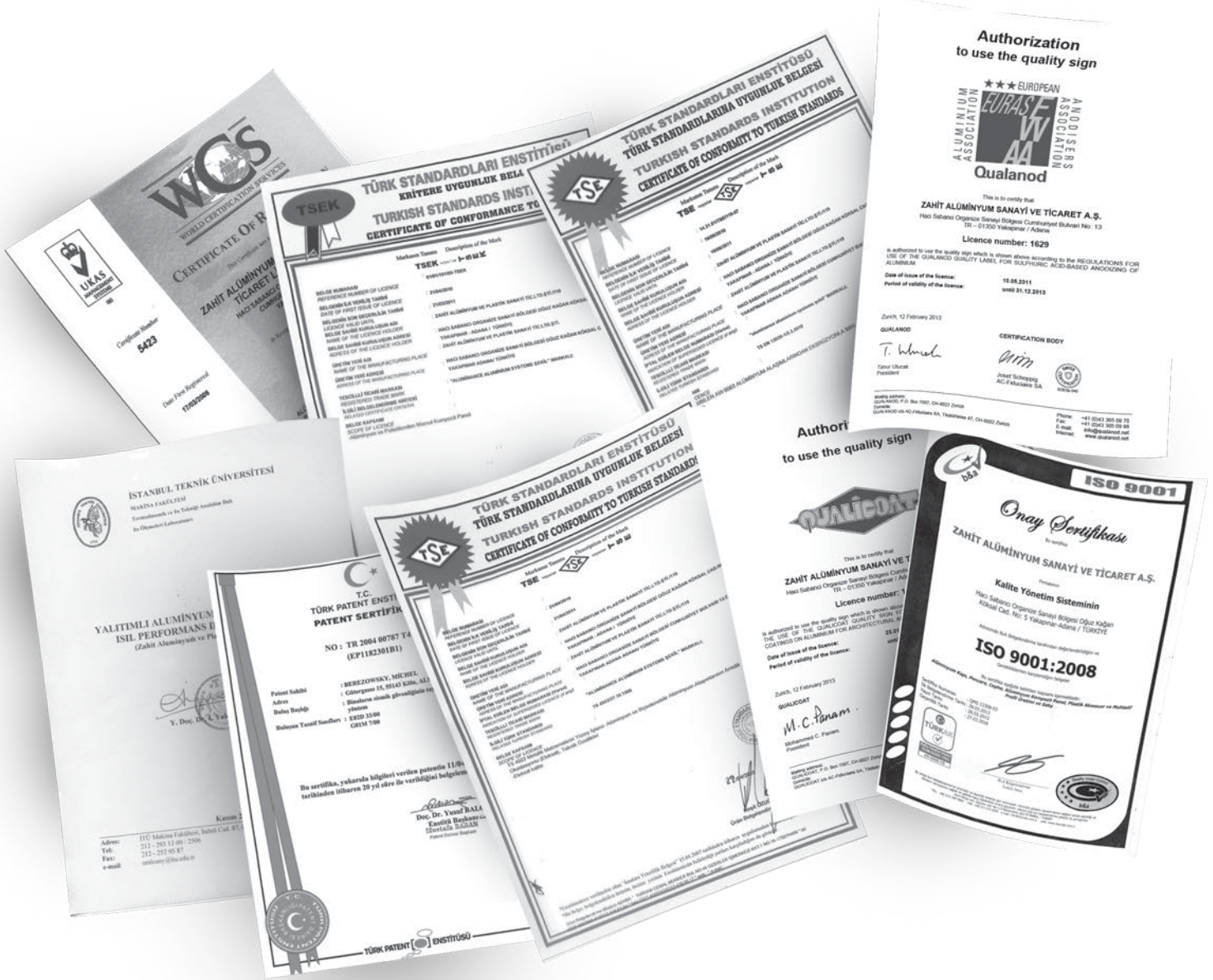
KASA ÖLÇÜSÜ	$B = A - 19,8 \text{ mm}$
KASET ÖLÇÜSÜ	$C = A - 84,9 \text{ mm}$
DIŞ CAM ÖLÇÜSÜ	$D = A - 40,2 \text{ mm}$
İÇ CAM ÖLÇÜSÜ	$E = D - 93,4 \text{ mm}$



5589
KÖŞE TAKOZU







PROFİL TEMEL DEĞERLER

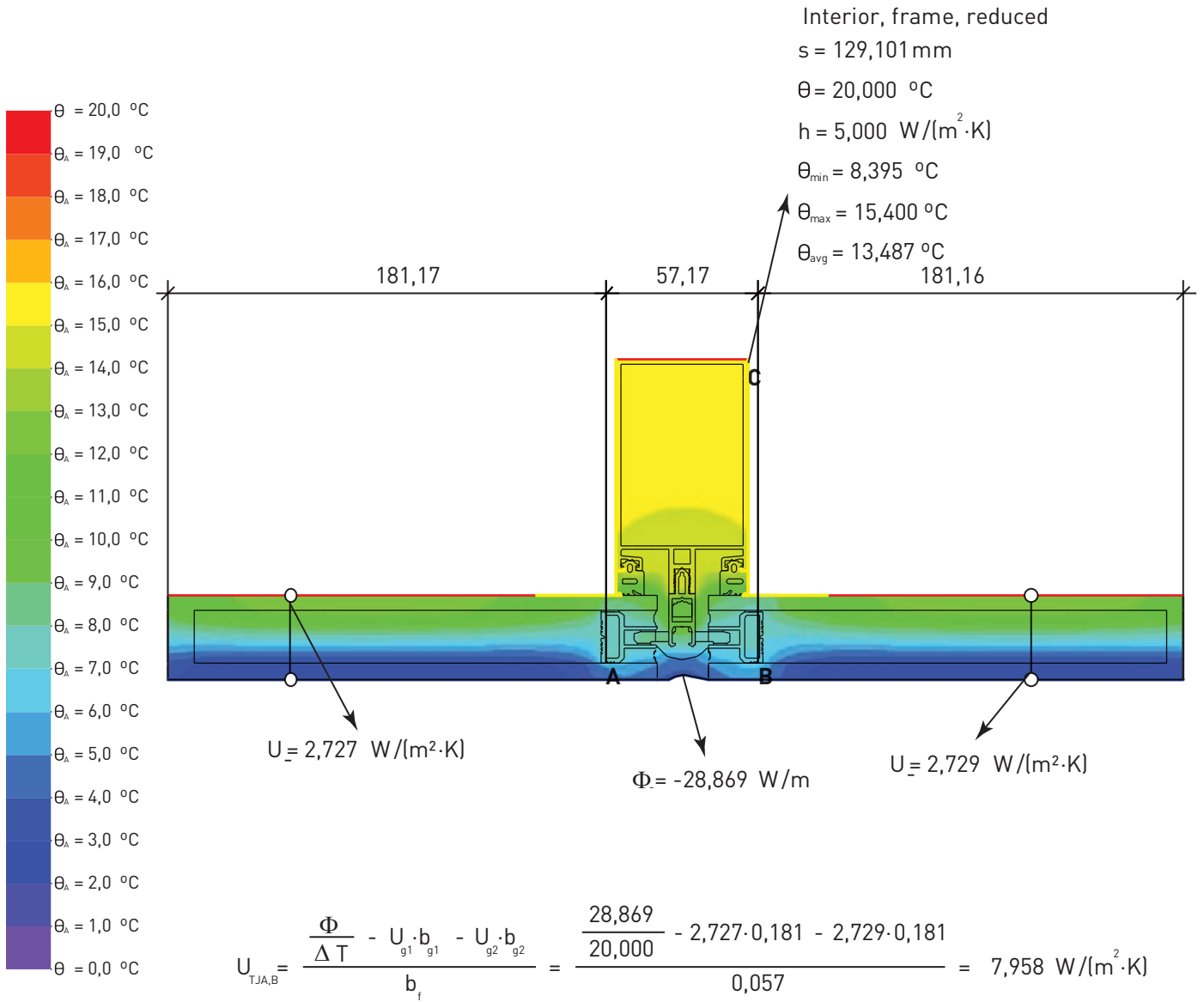
(min)

BİLLET NORM	İşlem	MEKANİK ÖZELLİKLER				FİZİKSEL ÖZELLİKLER					DİĞER ÖZELLİKLER				
		Akma Dayanımı (N/mm ²)	Çekme Dayanımı (N/mm ²)	%Uzama (50 mm/mm)	Sertlik (kg/mm ²)	Kesme Dayanımı (kg/mm ²)	Özgül Ağırlık (gr/cm ³)	Elastisite Modülü (kg/mm ²)	Isıl İletkenlik (cal/cmS°C)	Genleşme Katsayısı (20-100°C/C)	Elektriksel Direnci (20°C ohm mm ² /mm)	Korozyon Direnci	Kaynak Edilebilirlik Kabiliyeti	Boya Kalınlığı (µ)	Eksoal Kalınlığı (µ)
ETINORM : ETIAL-60	T6	170	215	6	11-13 Webster	11,5	2,71	6900	0,48	23x10 ⁻⁶	0,033	Çok iyi	İyi	75-100	10-12
T.S.E : AlMgSi0.5					65-75 HB										
DIN(ALMANYA) : AlMgSi0.5															
ABD(AA) : 6063															

BASIC VALUES OF PROFILE

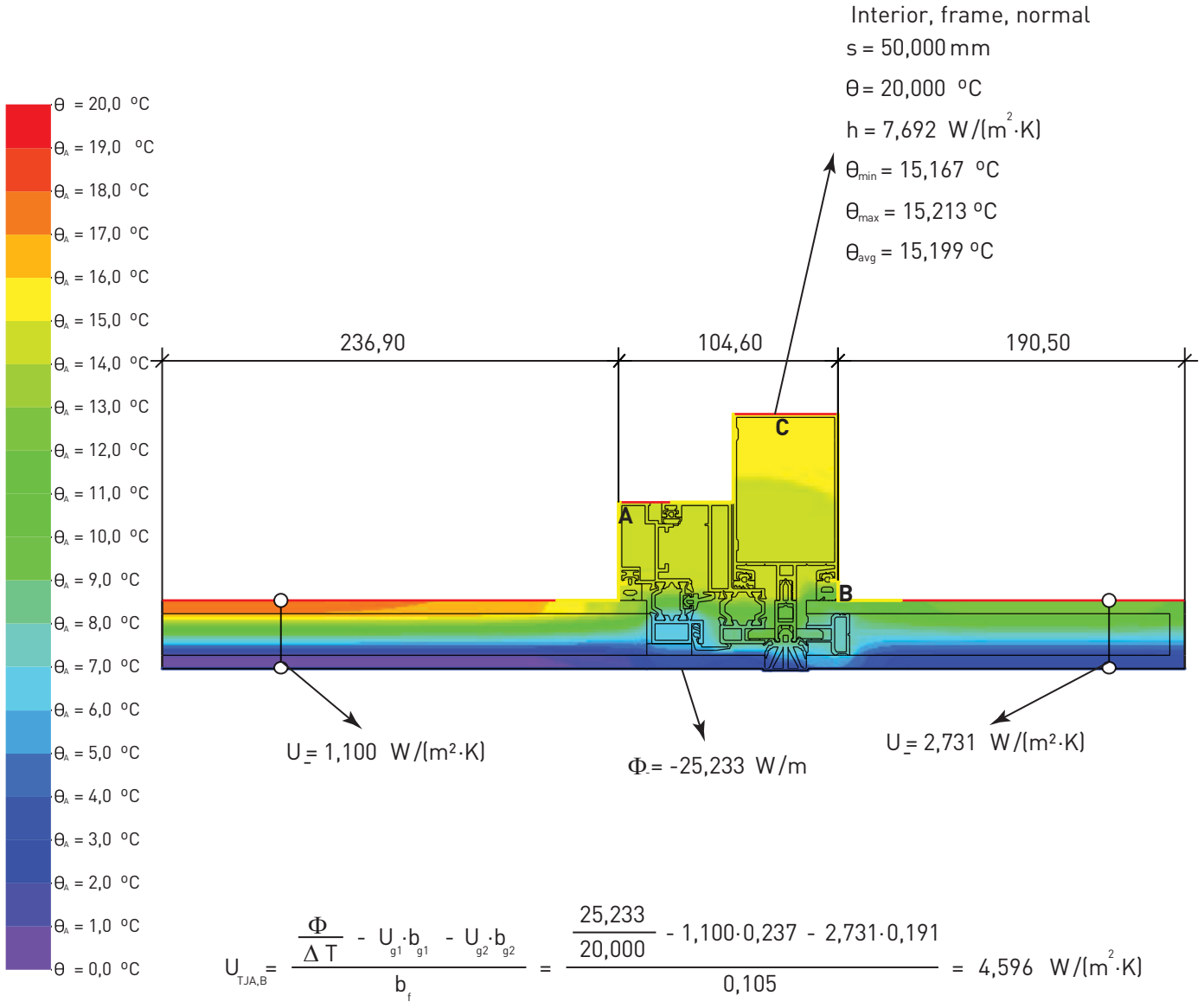
(minimum)

BİLLET NORM	Thermal Operation	MECHANICAL PROPERTIES					PHYSICAL PROPERTIES					OTHER PROPERTIES			
		Yield Strength (N/mm ²)	Tensile strength (N/mm ²)	Elongation% (50 mm/mm)	Hardness (kg/mm ²)	Cutting strength (kg/mm ²)	Specific gravity (gr/cm ³)	Elasticity Module (kg/mm ²)	Thermal conductivity (cal/cmS°C)	Expansion coefficient (20-100°C/C)	Electrical strength (20°C ohm mm ² /mm)	Corrosion strength	Welding ability	Powder coating thickness (µ)	Anodising thickness (µ)
ETINORM : ETIAL-60	T6	170	215	6	11-13 Webster	11,5	2,71	6900	0,48	23x10 ⁻⁶	0,033	Very good	Good	75-100	10-12
T.S.E : AlMgSi0.5					65-75 HB										
DIN(ALMANYA) : AlMgSi0.5															
ABD(AA) : 6063															

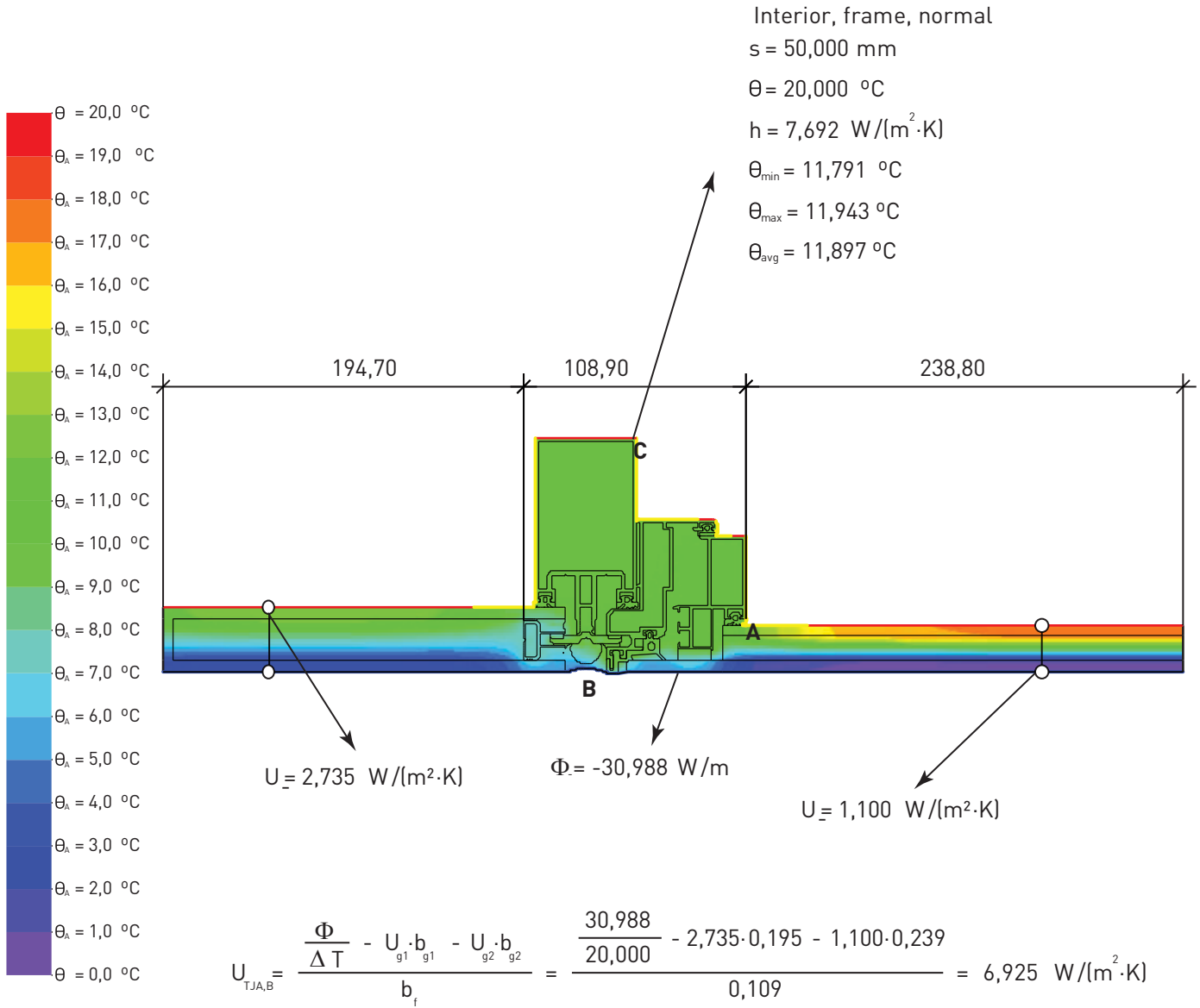


Material	λ [W/(m·K)]	Boundary Condition	q [W/m ²]	θ [°C]	R [(m ² ·K)/W] ^ε
Aluminium (Si alloys)	160,000	Exterior, frame	0,000		0,040
Aluminium	160,000	Interior, frame, normal	20,000		0,130
Butyl (isobutene), solid / hot melt	0,240	Interior, frame, reduced	20,000		0,200
EPDM (ethylene propylene diene monomer)	0,250	Symmetry/Model section	0,000		
Polyamid 6.6 with 25% glassfibre	0,300				
Silicone, pure [2]	0,350				
Soda lime glass	1,000				
Unventilated air cavity	Eps=0,9/0,9				

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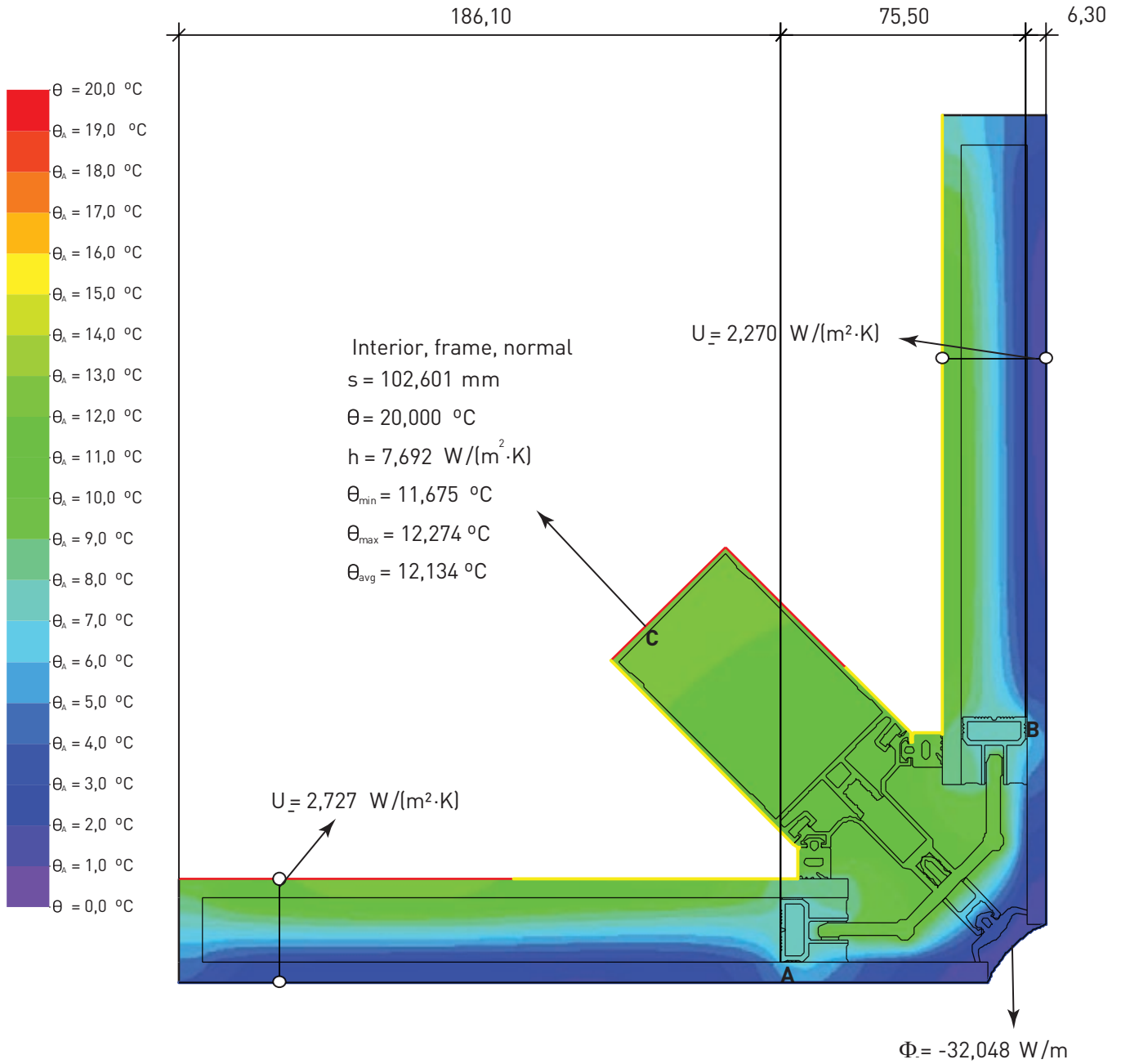


Material	λ [W/(m·K)]	Boundary Condition	q [W/m ²]	θ [°C]	R [(m ² ·K)/W] ^ε
Aluminium	160,000	Exterior, frame	0,000	0,040	
Aluminium (Si alloys)	160,000	Interior, frame, normal	20,000	0,130	
EPDM (ethylene propylene diene monomer)	0,250	Interior, frame, reduced	20,000	0,200	
Gasfilling[1]	0,028	Symmetry/Model section	0,000		
Polyamid 6.6 with 25% glassfibre	0,300				
Silicone, pure [1]	0,350				
Slightly ventilated air cavity	Eps=0,9/0,9				
Soda lime glass	1,000				
Unventilated air cavity	Eps=0,9/0,9				



Material	λ [W/(m·K)]	Boundary Condition	q [W/m ²]	θ [°C]	R [(m ² ·K)/W] ^ε
Aluminium [Si alloys]	160,000	Exterior, frame	0,000	0,040	
EPDM [ethylene propylene diene monomer]	0,250	Interior, frame, normal	20,000	0,130	
Gasfilling(1)	0,016	Interior, frame, reduced	20,000	0,200	
Silica gel [desiccant] (1)	0,130	Symmetry/Model section	0,000		
Silicone, pure (1)	0,350				
Slightly ventilated air cavity	Eps=0,9/0,9				
Soda lime glass	1,000				
Unventilated air cavity	Eps=0,9/0,9				

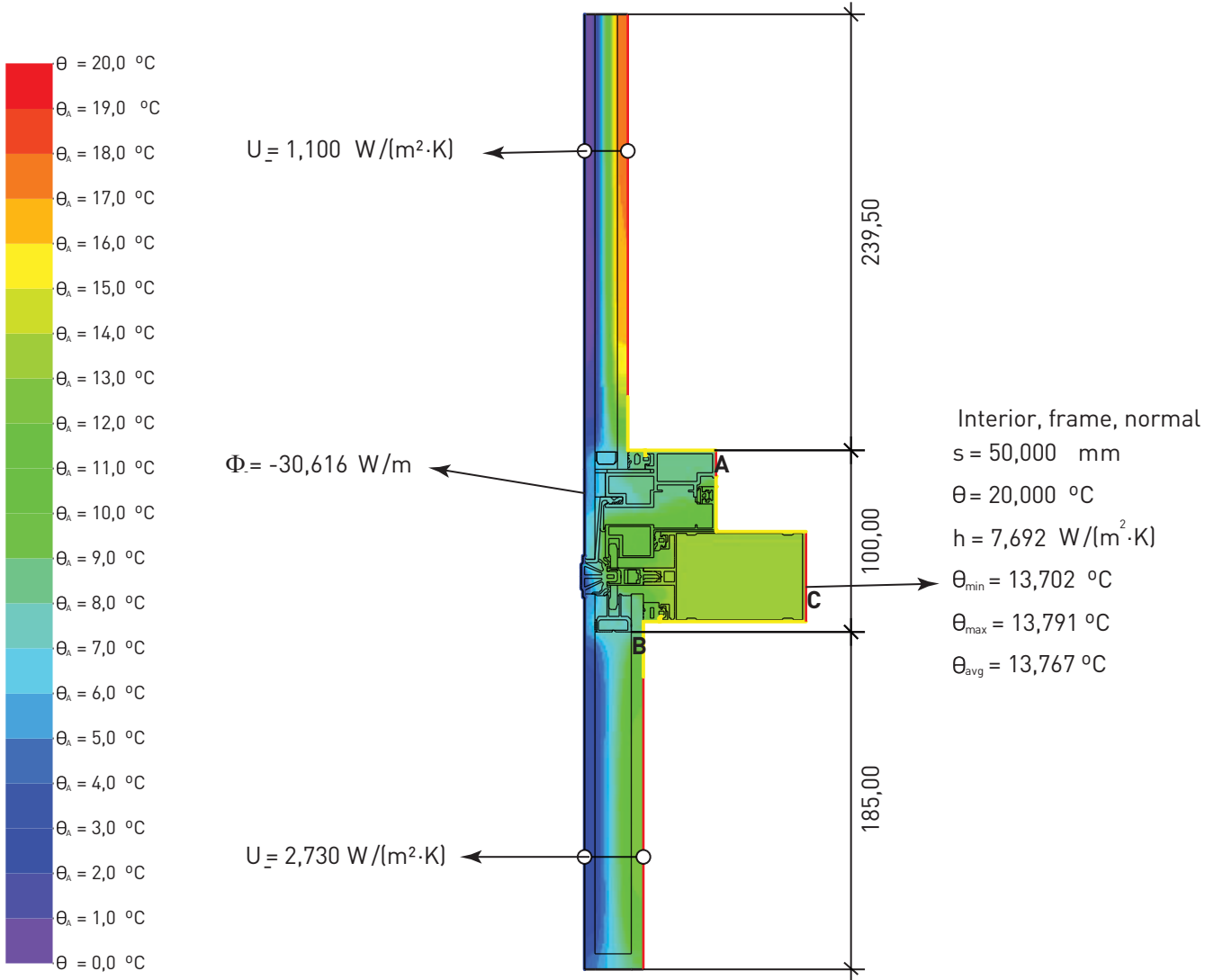
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$$U_{TJA,B} = \frac{\frac{\Phi}{\Delta T} - U_{g1} \cdot b_{g1} - U_{g2} \cdot b_{g2}}{b_f} = \frac{\frac{32,048}{20,000} - 2,727 \cdot 0,186 - 2,270 \cdot 0,006}{0,076} = 14,312 \text{ W}/(\text{m}^2 \cdot \text{K})$$

Material	λ [W/(m·K)]	Boundary Condition	q [W/m ²]	θ [°C]	R [(m ² ·K)/W] ^E
Aluminium (Si alloys)	160,000	Exterior, frame	0,000	0,040	
Butyl (isobutene), solid / hot melt	0,240	Interior, frame, normal	20,000	0,130	
EPDM (ethylene propylene diene monomer)	0,250	Interior, frame, reduced	20,000	0,200	
Polyamid 6.6 with 25% glassfibre	0,300	Symmetry/Model section	0,000		
Silicone, pure (1)	0,350				
Soda lime glass	1,000				
Unventilated air cavity	Eps=0,9/0,9				

TERMAL ANALİZ SONUÇLARI



$$U_{TJA,B} = \frac{\frac{\Phi}{\Delta T} - U_{g1} \cdot b_{g1} - U_{g2} \cdot b_{g2}}{b_f} = \frac{\frac{30,616}{20,000} - 1,100 \cdot 0,240 - 2,730 \cdot 0,185}{0,100} = 7,623 \text{ W}/(\text{m}^2 \cdot \text{K})$$

Material	λ [W/(m·K)]	Boundary Condition	q [W/m²]	θ [°C]	R [(m²·K)/W] ^ε
Aluminium (Si alloys)	160,000	Exterior, frame	0,000	0,040	
Aluminium (Si-Legierungen)	160,000	Interior, frame, normal	20,000	0,130	
Butyl (Isobuten), heissgeschmolzen	0,240	Interior, frame, reduced	20,000	0,200	
Butyl (isobutene), solid / hot melt	0,240	Symmetry/Model section	0,000		
EPDM (ethylene propylene diene monomer)	0,250				
Gasfilling(1)	0,017				
Polyamid 6.6 with 25% glassfibre	0,300				
Polysulfid (1)	0,400				
Silicagel (Trockenmittel) (1)	0,130				
Silicone, pure (1)	0,350				
Slightly ventilated air cavity	Eps=0,9/0,9				
Soda lime glass	1,000				
Unventilated air cavity	Eps=0,9/0,9				

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