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NOT: * ÇUHADAROĞLU sistemlerini oluşturan ürünlerin performanslarını olumsuz etkilemeyecek değişiklikler yapma hakkına sahiptir.
* Tüm ürünler ile ilgili olarak, sipariş edildiği tarihteki güncel bilgi ve kodlar ÇUHADAROĞLU'ndan teyit edilmelidir.

NOTE: * ÇUHADAROĞLU has the right to make changes that will not adversely affect the performance of the products that make up their systems.
* Regarding all products, current information and codes on the date of order must be confirmed by ÇUHADAROĞLU.

8/11 Tip A İçten Camlama Detayları
Type A Internal Glazing Details

Statik Diyagramlar
Static Diagrams 9

Test Raporları
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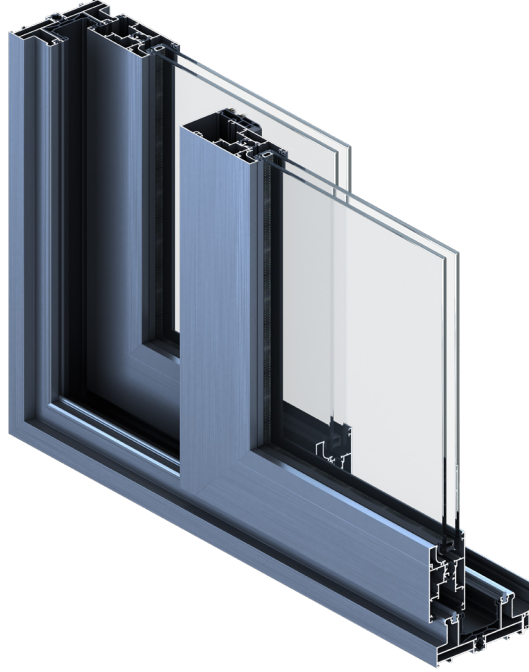
Son Kullanıcı Güvenlik Bilgileri
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2

ÜRÜN BİLGİSİ PRODUCT INFORMATION

Isı Yalıtımlı Kaldır Sür Sistemi Thermally Insulated Lift and Slide System



Teknik Özellik

Technical Property

Performans ve Referans Performance and References

Hava Geçirgenliği *1	Air Permeability *1		Class 4	(EN 1026, EN 12207)
Su Geçirimsizlik *1	Watertightness *1		E1200 Pa	(EN 1027, EN 12208)
Rüzgara Yüküne Karşı Dayanım *1	Resistance to wind load *1		B2	(EN 12210, EN 12211)

Profil Ölçüleri

Profile Measurements

Kasa Profil Genişliği	Frame Profile Width	55 mm
Kasa Profil Derinliği	Frame Profile Depth	121 mm
Kanat Profil Genişliği	Sash profile Width	94 mm
Kanat Profil Derinliği	Sash profile Depth	51 mm

Isı Yalıtımı*1

Thermal Insulation*1

Isı Geçirim Katsayısı Grubu	Thermal Transmittance Coefficient Group	(ISO 10077-2)
Çerçevelerin Isı Geçirim Katsayıları	Thermal Transmittance Coefficients of the Frames	$U_{f\max} : 4,75 \text{ W/m}^2 \text{ K}$
Pencerenin Isı Geçirim Katsayısı	Thermal Transmittance Coefficient of the window	$U_w : 2,58 \text{ W/m}^2 \text{ K}$ (with $U_g = 1,4 \text{ W/m}^2 \text{ K}$)

Isı Bariyeri

Thermal Break

Cam elyafı takviyeli polyamid	Glass fibre reinforced polyamide	Kanat / Sash : 14,8 mm Kasa / Frame : 14,8 mm
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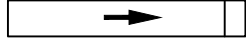
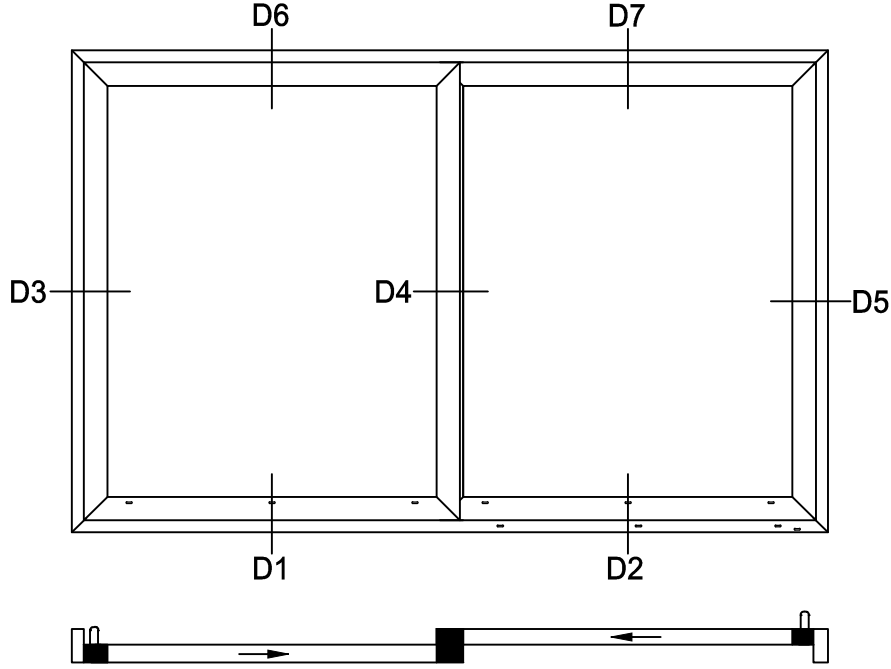
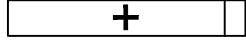
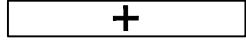
Tüm teknik parametreler KAPEDAM Türkiye (Deney rapor no :RD1-178, RDT2-707), FTI (Deney rapor no :020.1026.1/2018) test laboratuvarında test edilmiştir,

All technical parameters has been tested in KAPEDAM / Turkey
(Testing report number : RD1-178, (RDT2-707), FTI testing laboratory (Testing report number :020.1026.1/ 2018)

*1 : Doğrama tiplerine göre değişen performans verileri için temasa geçiniz

*1 : Please contact for the performance values depending on the fenestration types

Teknik Açıklamalar / Technical Informations

 Hareketli Kanat / Openable Sash Kanattan Sabit / Fixed Sash Kasada Sabit / Fixed Frame

Kaldır Sür Sistem / Lift and Slide System



Sürme Sistem / Sliding System



Sabitli / Fixed



Çerçeve Birleşim Tipi 45° / Frame Connection Type 45°



Çerçeve Birleşim Tipi 90° / Frame Connection Type 90°

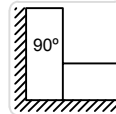
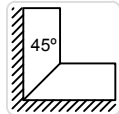
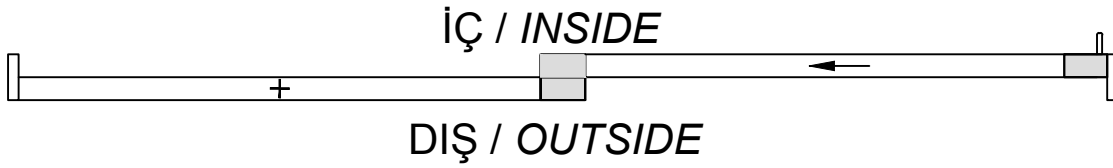
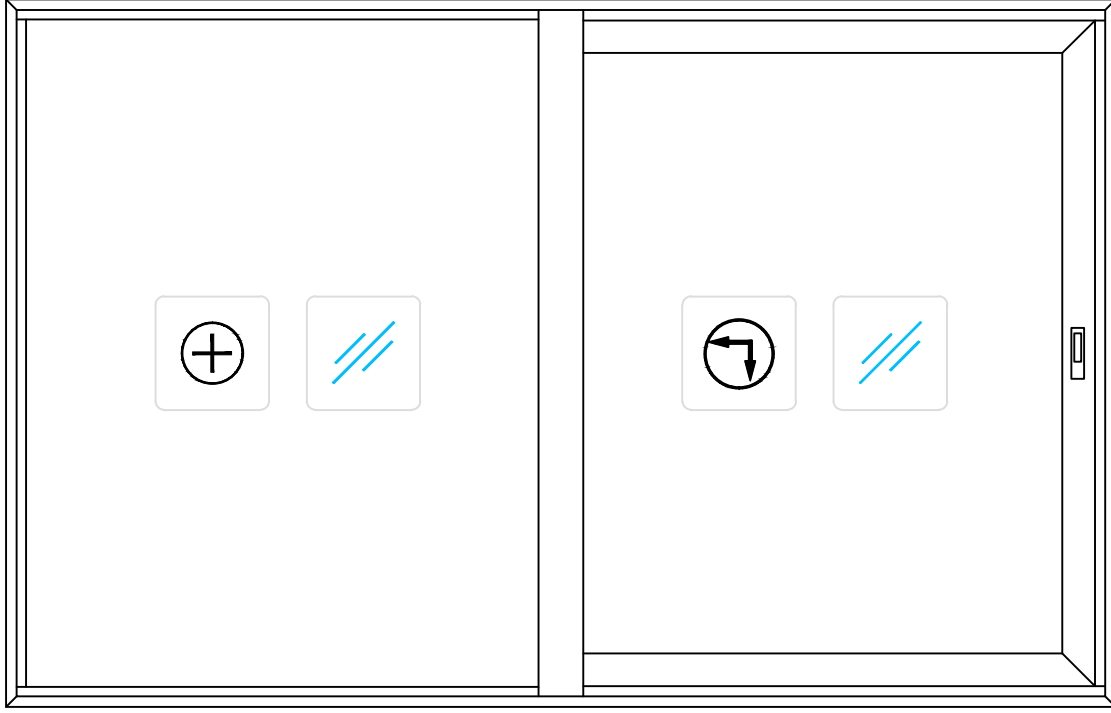


Kanat Birleşim Tipi 45° / Sash Connection Type 45°

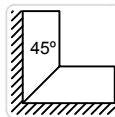
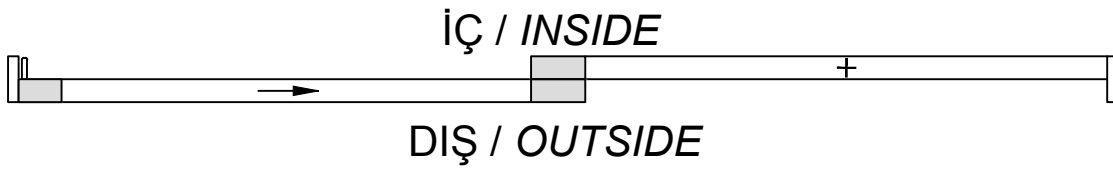
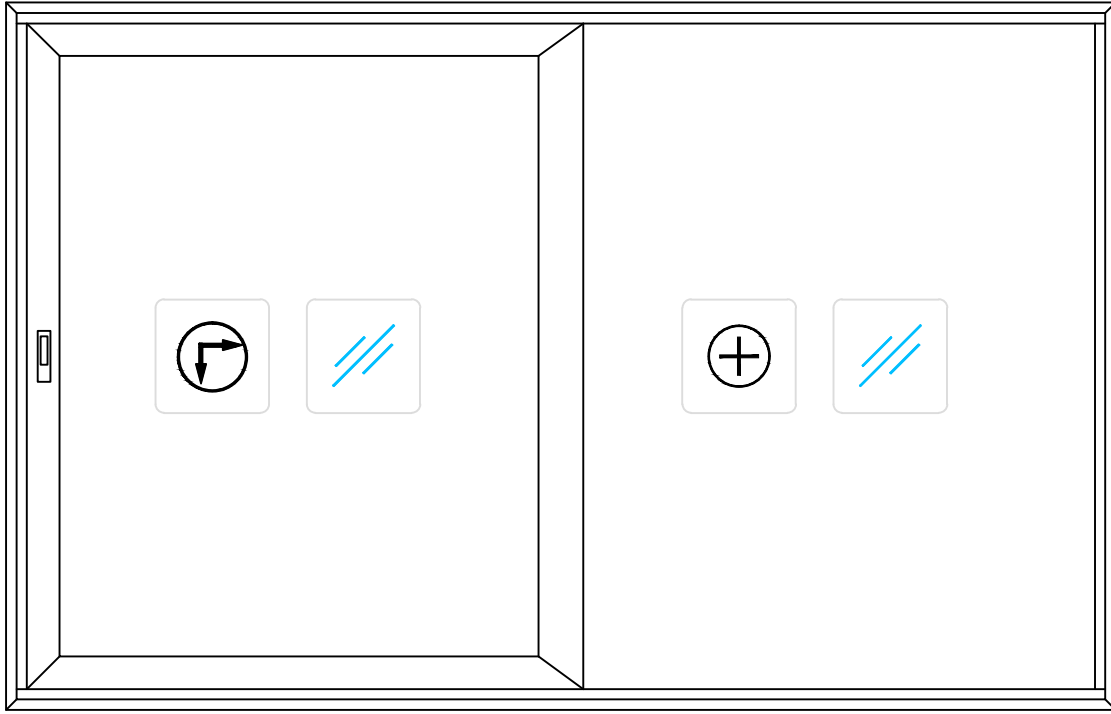


Kanat Birleşim Tipi 90° / Sash Connection Type 90°

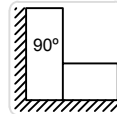
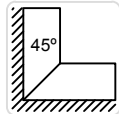
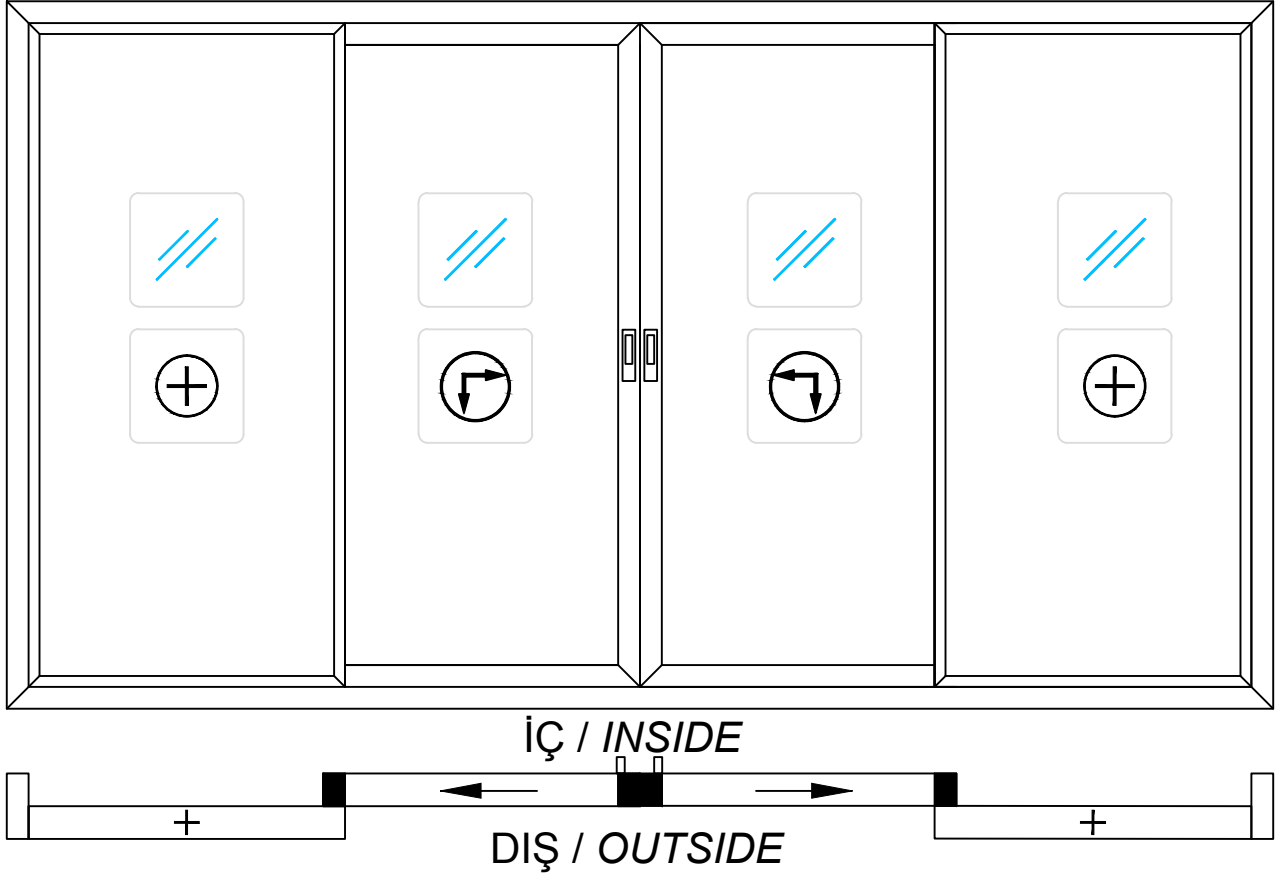
TİP A DIŞTA SABİTLİ / TYPE A OUTSIDE FIXED



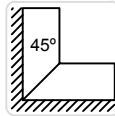
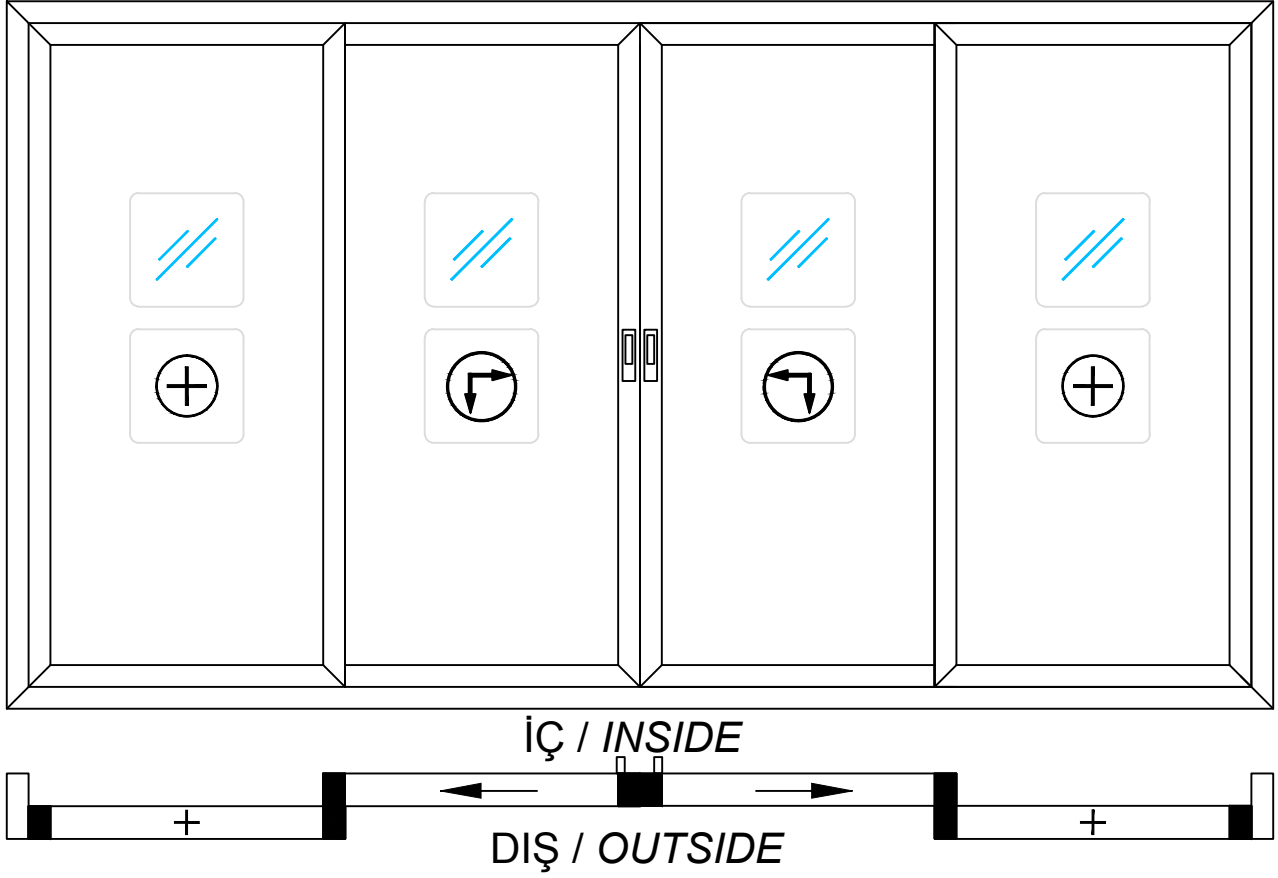
TİP A İÇTE SABİTLİ / TYPE A INSIDE FIXED



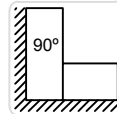
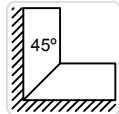
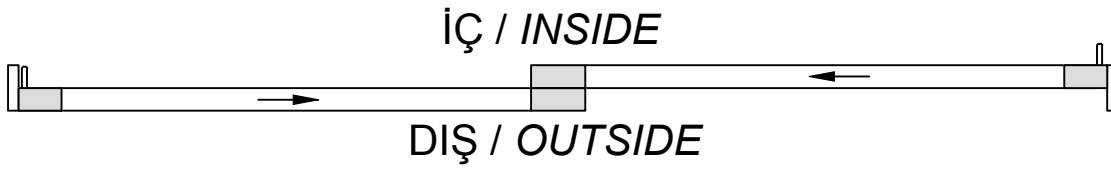
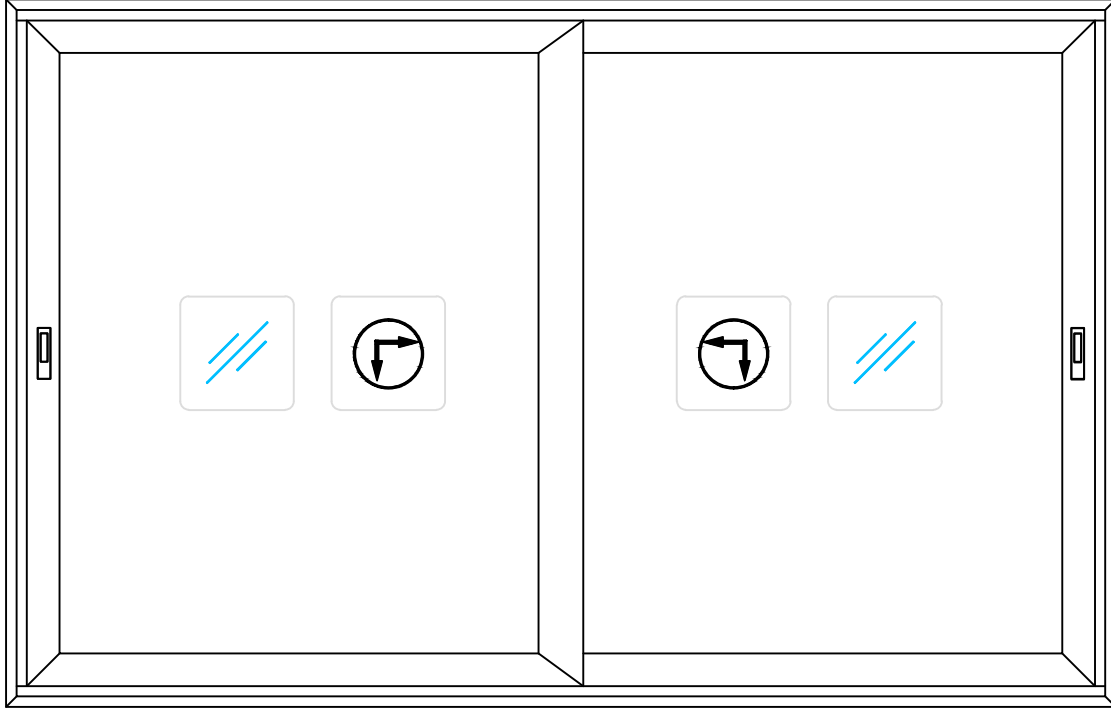
TİP C / TYPE C



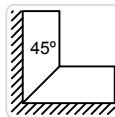
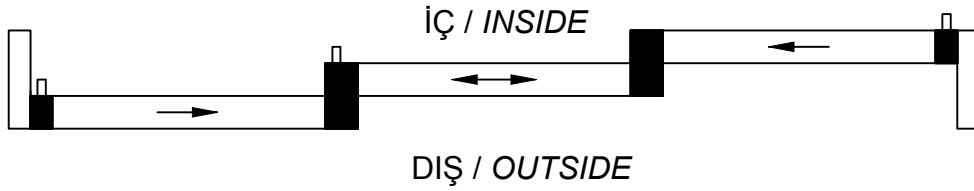
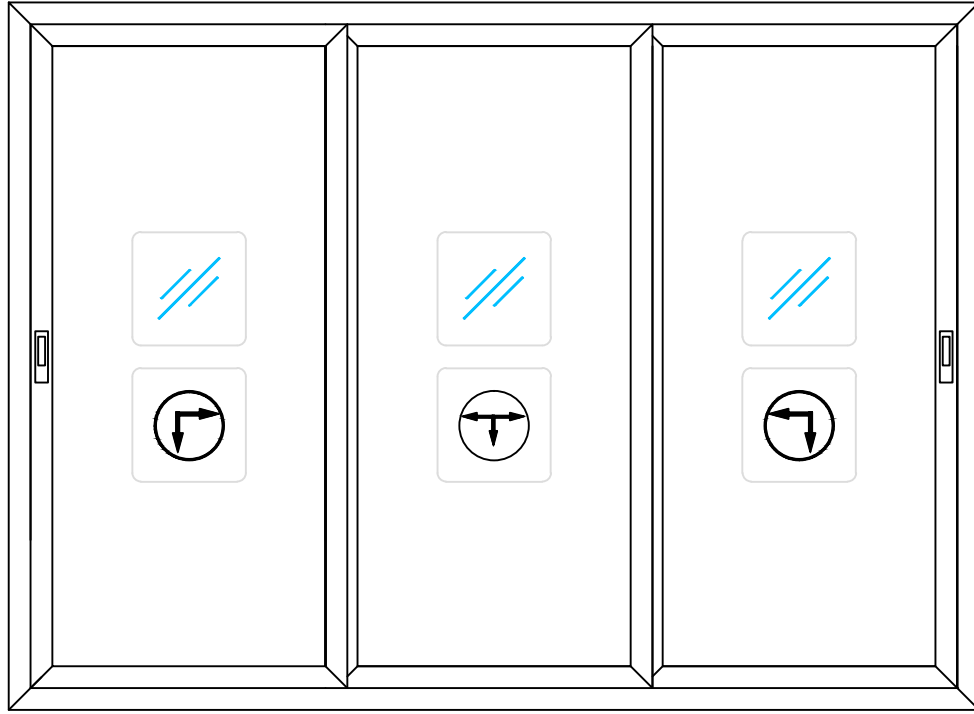
TİP C2 / TYPE C2



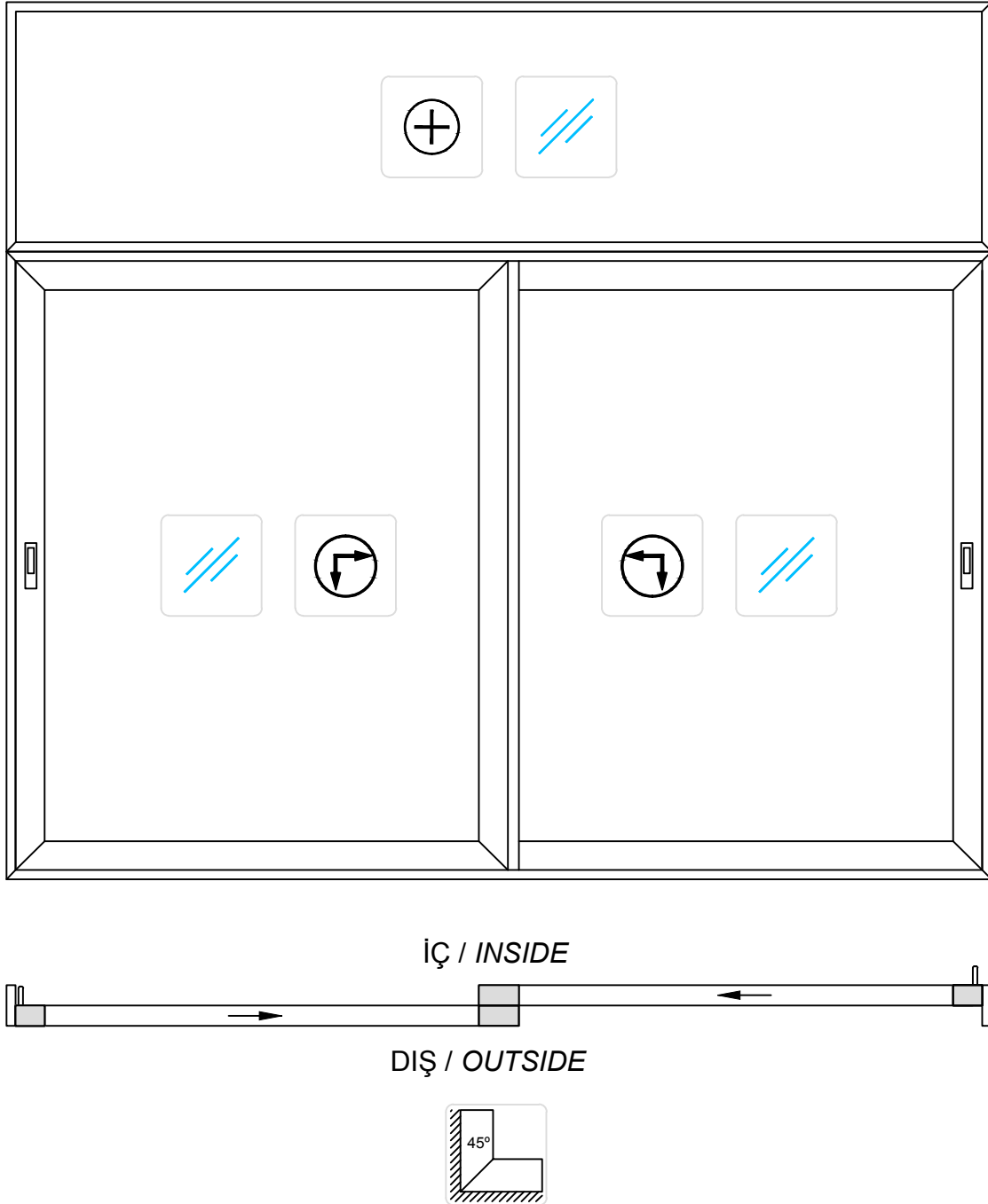
TİP D / TYPE D



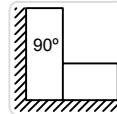
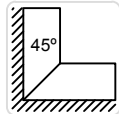
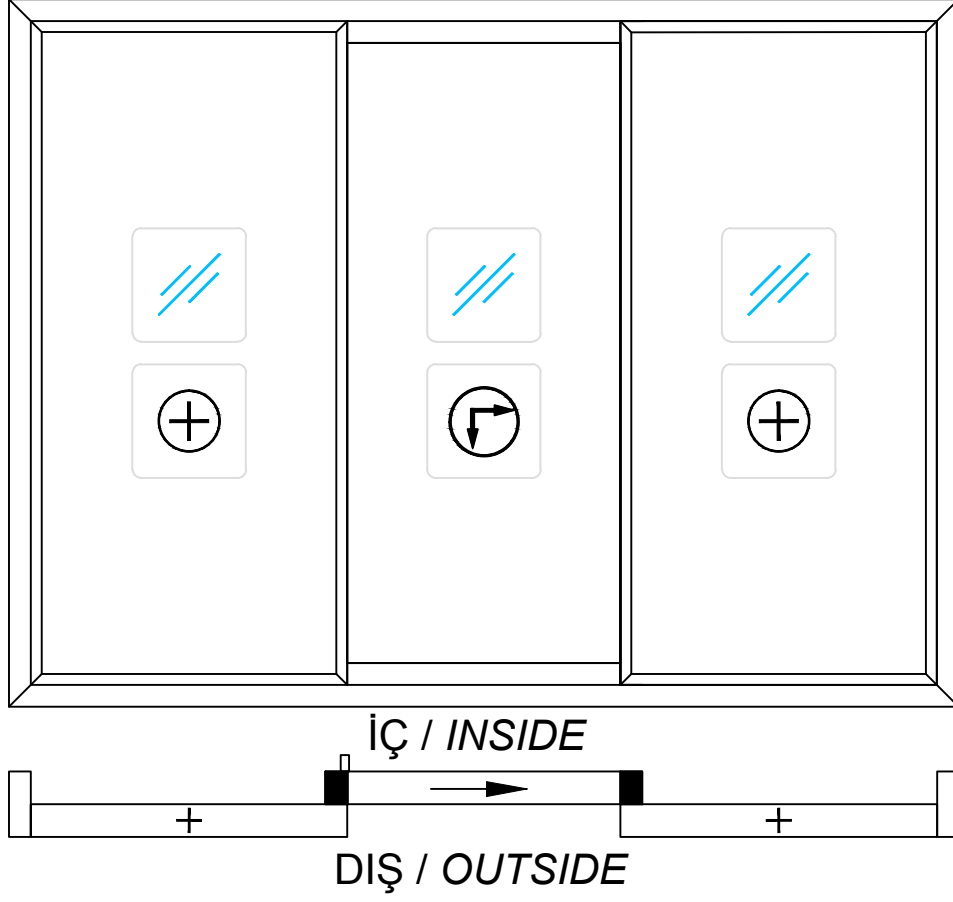
3 RAY / 3 RAIL



TİP D ÜST SABİT / TYPE D TOP FIXED

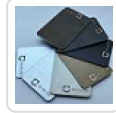


TİP G / TYPE G



RENK SEÇENEKLERİ / COLOUR OPTIONS

ELOKSAL SEÇENEKLERİ
ELOXAL OPTIONS



TOZ BOYA SEÇENEKLERİ
POWDER PAINT OPTIONS



Eloksal, alüminyum profilin yüzey dayanımını arttıran ve onu korozyona karşı koruyan elektrokimyasal bir işlemdir. Bu işlemde natürel griden siyah renge 5 farklı eloksal kaplama yapılabilmektedir.

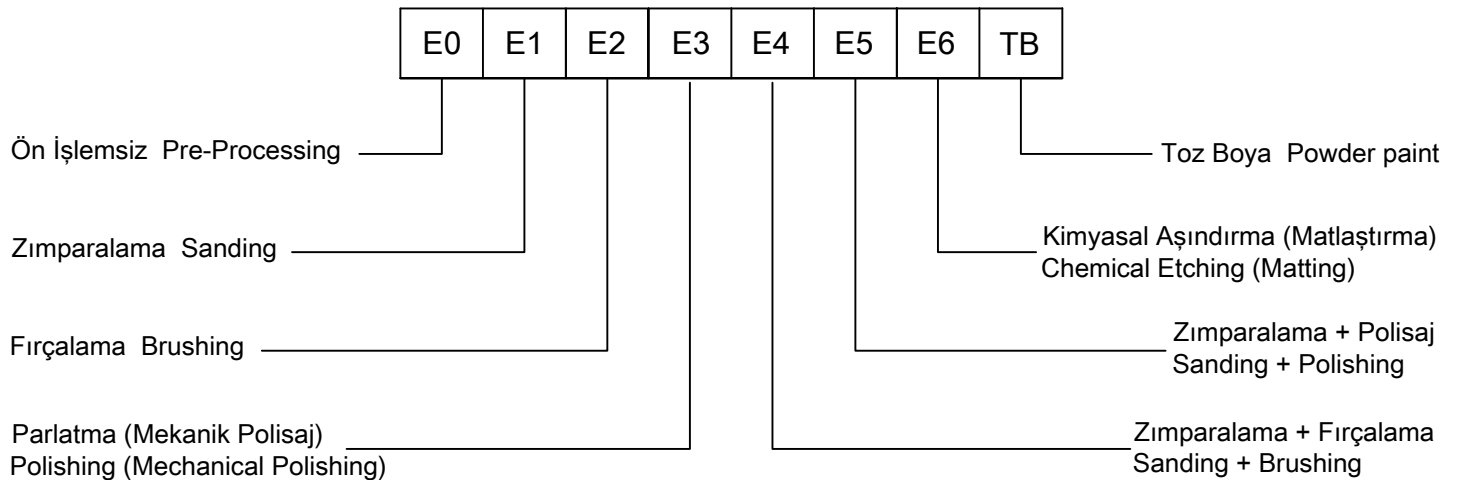
Elektrostatik toz boyama, boyanacak parçanın yüzeyinin boya pigmentlerini içeren bir toz ile kaplandıktan sonra fırınlanması ile elde edilen bir yüzey kaplama yöntemidir. Sınırsız renk ve farklı parlaklık seçenekleri sunar. Tüm RAL kodları uygulanabilir.

Anodizing is an electrochemical process that increases the surface resistivity of aluminum profile and protects it against corrosion. In this process, 5 different anodic coatings can be applied to the natural color.

Electrostatic powder coating is a surface coating method obtained by baking after the surface of the part to be painted is coated with a powder containing paint pigments. It offers unlimited color and different brightness options. All RAL codes can be applied.

ÇUHADAROĞLU; müşterilerinin belirttiği RAL kodlarına göre her renkte boyama yapabilmektedir.

Çuhadaroğlu; It can paint in every color according to the RAL codes specified by the customer.



E0 işlemi yapılamaz. E0 operation can not be performed.



E0 işlemi yapılabilir. E0 operation can be performed.

3

PROFİL LİSTESİ LIST OF PROFILES

Profil Listesi / List Of Profiles

NO	Profil Şekli / Profile Section	Profil Kodu Profile Code	Kalıp Kodu Extrusion Die Code	Profil Adı / Profile Name	Ağırlık (kg/m) Weight	Atalet Momentleri Moments of Inertia		Sayfa No Page
						J _x (cm ⁴)	J _y (cm ⁴)	
1		50 S 01	4455 4455	Kasa Profili Frame Profile	2,51 kg/m	133,2	24,3	4-1
2		50 S 03	5463 5464	Dışta Sabitli Kasa Profili Outside Fixed Frame Profile	2,27 kg/m	122	15,8	4-1
3		50 S 04	5483 5483	Kasa Profili - 90° Frame Profile - 90°	2,81 kg/m	149,5	26,0	4-2
4		50 S 06	4837 4836	İçte Sabitli Kasa Profili Inside Fixed Frame Profile	2,28 kg/m	108,6	17,4	4-2
5		50 S 07	4455 4735	Kondens Kasa Profili Condense Frame Profile	3,00 kg/m	207,3	28	4-3
6		50 S 08**	-	İçte Sabitli Kasa Profili Inside Fixed Frame Profile	2,76 kg/m	103,3	18,1	4-3
7		50 S 10	5503 5504	Sabite Geçiş Profili Fixed Transition Profile	1,68 kg/m	61,8	5,2	4-4
8		50 S 11	5482 5483	Kasa Profili - 90° Frame Profile - 90°	2,36 kg/m	121,4	16,7	4-4
9		50 S 12	4818 4819	Dışta Sabitli Kasa Profili - 90° Outside Fixed Frame Profile - 90°	2,59 kg/m	137,6	16,9	4-5
10		50 S 13	4679 4455	T - Kasa Profili T - Frame Profile	2,82 kg/m	160,5	36,4	4-5
11		50 S 14	4455 5684 4455	3 Ray Kasa Profili 3 Rail Frame Profile	3,78 kg/m	472,8	34,5	4-6
12		50 S 15	4850 A02 159 4850	Alçak Eşik Profili Low Sill Profile	1,70 kg/m	67,4	2,6	4-6
13		50 S 18	4679 5684 4735	Kondens Kasa Profili Condense Frame Profile	4,58 kg/m	757,7	50,9	4-7
14		50 S 119**	-	Kasa Profili - İçten Camlama Frame Profile - Internal Glazing	2,01 kg/m	109,4	7,9	4-7
15		50 S 20	4456 4457	Kanat Profili Sash Profile	1,81 kg/m	29,7	22,6	4-8

Not: ** İlgili ürünlerin temin süreleri standart temin süreleri dışında olup, temasa geçilmesi önem taşımaktadır.

Note: ** Supply periods of related products are out of the standard supply periods and it is important to contact the bases.

Profil Listesi / List Of Profiles

NO	Profil Şekli / Profile Section	Profil Kodu Profile Code	Kalıp Kodu Extrusion Die Code	Profil Adı / Profile Name	Ağırlık (kg/m) Weight	Atalet Momentleri Moments of Inertia		Sayfa No Page
						J _x (cm ⁴)	J _y (cm ⁴)	
16		50 S 23* ¹	-	Kanat Profili - Takviyeli Sash Profile - Support	2,55 kg/m	75,7	33,7	4-8
17		50 S 37	4673	Sineklik Kanat Adaptör Profili Adapter Profile For Flyscreen	0,28 kg/m	-	-	4-9
18		50 S 38	4670	Sineklik Kenar Kapatma Profili Flyscreen Cover Profile	0,12 kg/m	-	-	4-9
19		50 S 39	4690	Sineklik Kanat Profili Flyscreen Sash Profile	0,66 kg/m	-	-	4-9
20		50 S 40	4458	Kapak Profili Cover Profile	0,45 kg/m	-	-	4-9
21		50 S 42* ¹	-	Kapak Profili - İçte Sabitli Cover Profile - Inside Fixed	0,59 kg/m	-	-	4-10
22		50 S 45	4689	Damlalık Profili Weatherdrip Profile	0,39 kg/m	-	-	4-10
23		50 S 49	5465	Kapak Profili Cover Profile	0,52 kg/m	-	-	4-10
24		50 S 50* ¹	-	Kapak Profili - İçten Camlama Cover Profile - Internal Glazing	0,14 kg/m	-	-	4-10
25		50 S 53	5501	Kapak Profili - İçte Sabitli Cover Profile - Inside Fixed	0,57 kg/m	-	-	4-11
26		50 S 54* ¹	-	Kapak Profili - İçten Camlama Cover Profile - Internal Glazing	0,33 kg/m	-	-	4-11
27		50 S 56* ¹	-	Kapak Profili - İçten Camlama Cover Profile - Internal Glazing	0,40 kg/m	-	-	4-11
28		50 S 62	4921 4921	Adaptör Profili Adapter Profile	0,73 kg/m	-	-	4-11
29		50 S 65	4459	Ray Profili Rail Profile	0,16 kg/m	-	-	4-12
30		50 S 75* ¹	-	Kapak Profili - Kanattan Sabit Tip C Cover Profile - Fixed Sash Type C	0,56 kg/m	-	-	4-12

Not: *¹ İlgili ürünlerin temin süreleri standart temin süreleri dışında olup, temasa geçilmesi önem taşımaktadır.

Note: *¹ Supply periods of related products are out of the standard supply periods and it is important to contact the bases.

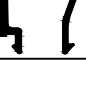
Profil Listesi / List Of Profiles

NO	Profil Şekli / Profile Section	Profil Kodu Profile Code	Kalıp Kodu Extrusion Die Code	Profil Adı / Profile Name	Ağırlık (kg/m) Weight	Atalet Momentleri Moments of Inertia		Sayfa No Page
						J _x (cm ⁴)	J _y (cm ⁴)	
31		50 S 90	5461 5462	Kayıt Profili Mullion Profile	1,69 kg/m	28,9	21,7	4-12
32		50 S 92	5549 5550	Kanat İçi Kayıt Profili Transom in Sash Profile	1,76 kg/m	24,5	19,7	4-13
33		50 S 93	5461 5642	Kayıt Profili Mullion Profile	1,58 kg/m	20,5	19,2	4-13
34		50 S 100	4922	Adaptör Profili Adapter Profile	0,20 kg/m	-	-	4-14
35		50 S 101 ^{*1}	-	Takviye Profili Support Profile	1,79 kg/m	15,3	10,9	4-14
36		50 S 102	5874 5874	Takviye Profili Support Profile	1,26 kg/m	7,8	3,5	4-14
37		50 S 103 ^{*1}	-	Takviye Profili Support Profile	1,06 kg/m	9,4	9,4	4-14
38		50 S 213 ^{*1}	-	Ray Yuvası Profili-İçten Camlama Rail Groove Profile-Internal Glazing	0,58 kg/m	-	-	4-15
39		50 S 214	5815 5462	Adaptör Profili Adapter Profile	2,62 kg/m	107,5	54,1	4-15
40		50 S 215	5815 5642	Adaptör Profili Adapter Profile	2,50 kg/m	97,7	50,6	4-16
41		36 S 35	4767	Kondens Profil Kapağı Condense Profile Cap	0,10 kg/m	-	-	4-16
42		50 DS 171	4453	Takviye Profili Support Profile	1,09 kg/m	-	-	4-16
43		50 DS 172	4454	Kapak Profili Cover Profile	0,17 kg/m	-	-	4-17
44		50 DS 173	4566	Çektirme Profili T- Cleat Profile	0,68 kg/m	-	-	4-17
45		50 DS 174	4567	Çektirme Profili T- Cleat Profile	1,46 kg/m	-	-	4-17

Not: ^{*1} İlgili ürünlerin temin süreleri standart temin süreleri dışında olup, temasa geçilmesi önem taşımaktadır.

Note: ^{*1} Supply periods of related products are out of the standard supply periods and it is important to contact the bases.

Profil Listesi / List Of Profiles

NO	Profil Şekli / Profile Section 	Profil Kodu Profile Code	Kalıp Kodu Extrusion Die Code	Profil Adı / Profile Name	Ağırlık (kg/m) Weight	Atalet Momentleri Moments of Inertia		Sayfa No Page
						J_x (cm ⁴)	J_y (cm ⁴)	
46		50 DS 212	5251	Cam Çıtası Glazing Bead	0,21 kg/m	-	-	4-17
47		75 S 110	5293	Çektirme Profili T- Cleat Profile	0,90 kg/m	-	-	4-18
48		3144	3144	Cam Çıtası - 6 mm Glazing Bead	0,22 kg/m	-	-	4-18
49		3145	3145	Cam Çıtası - 9 mm Glazing Bead	0,23 kg/m	-	-	4-18
50		2606	2606	Cam Çıtası - 12 mm Glazing Bead	0,28 kg/m	-	-	4-18
51		3108	3108	Cam Çıtası - 15 mm Glazing Bead	0,30 kg/m	-	-	4-19
52		3109	3109	Cam Çıtası - 18 mm Glazing Bead	0,31 kg/m	-	-	4-19
53		3110	3110	Cam Çıtası - 21 mm Glazing Bead	0,32 kg/m	-	-	4-19
54		3111	3111	Cam Çıtası - 24 mm Glazing Bead	0,33 kg/m	-	-	4-19
55		3112	3112	Cam Çıtası - 27 mm Glazing Bead	0,35 kg/m	-	-	4-20
56		3113	3113	Cam Çıtası - 30 mm Glazing Bead	0,38 kg/m	-	-	4-20

4

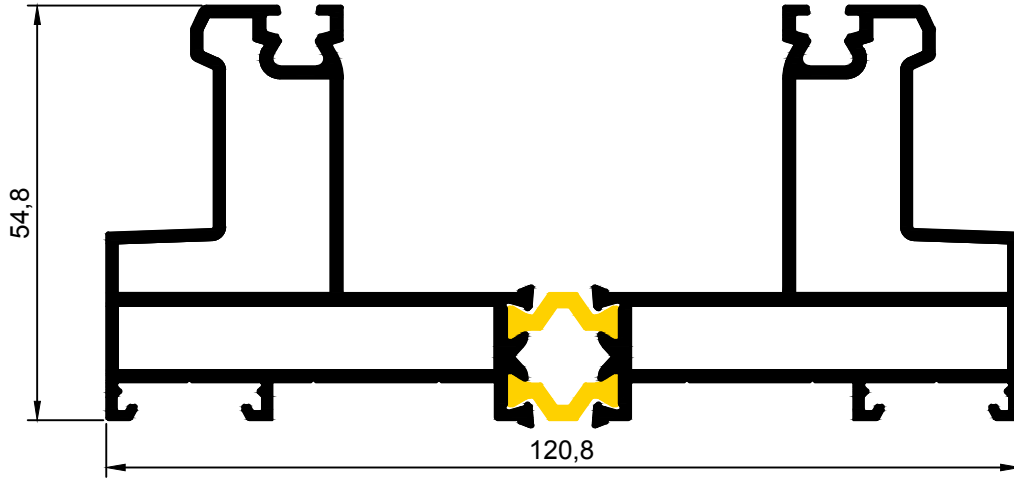
PROFİLLER
PROFILES

Profiller / Profiles

50 S 01

Kasa Profili / *Frame Profile*
 $J_x = 133,2 \text{ cm}^4$ $J_y = 24,3 \text{ cm}^4$
Ağırlık / *Weight* = 2,51 kg/m

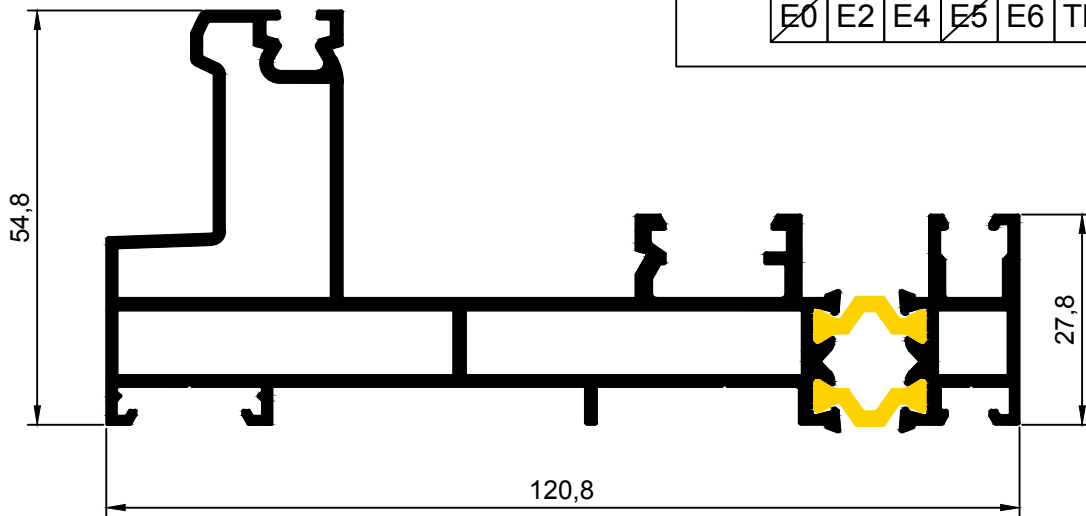
E0	E2	E4	E5	E6	TB
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50 S 03

Dışta Sabitli Kasa Profili Kasa /
Outside Fixed Frame Profile
 $J_x = 124,4 \text{ cm}^4$ $J_y = 15,7 \text{ cm}^4$
Ağırlık / *Weight* = 2,34 kg/m

E0	E2	E4	E5	E6	TB
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Ölçek Scale: 1/1

ÇUHADAROĞLU

Profiller / Profiles

50 S 04

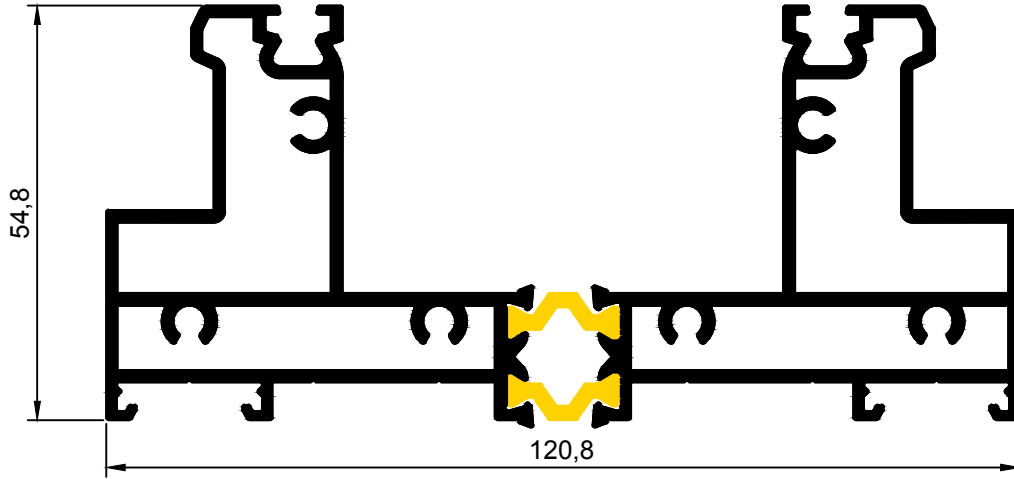
Kasa Profili - 90° /

Frame Profile - 90°

 $J_x = 149,5 \text{ cm}^4$ $J_y = 26,0 \text{ cm}^4$

Ağırlık / Weight = 2,81 kg/m

E0	E2	E4	E5	E6	TB
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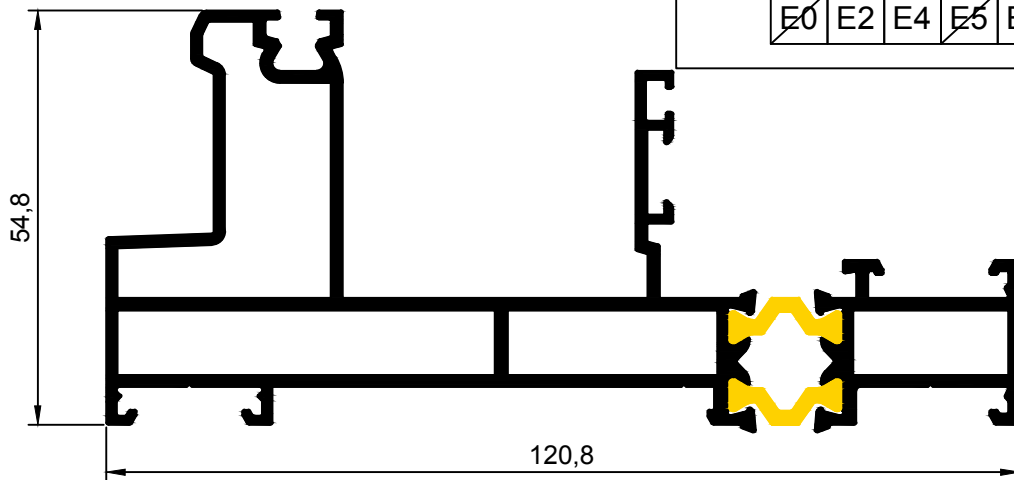


50 S 06

İçte Sabitli Kasa Profili Kasa /
Inside Fixed Frame Profile $J_x = 108,6 \text{ cm}^4$ $J_y = 17,4 \text{ cm}^4$

Ağırlık / Weight = 2,34 kg/m

E0	E2	E4	E5	E6	TB
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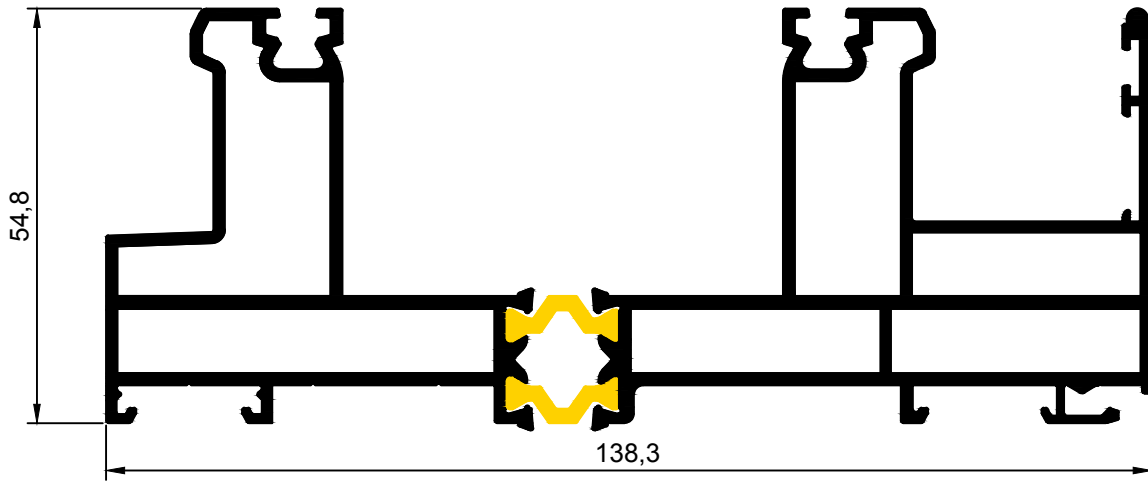
Profiller / Profiles

50 S 07

Kondens Kasa Profili /
Condense Frame Profile $J_x = 207,3 \text{ cm}^4$ $J_y = 28 \text{ cm}^4$

Ağırlık / Weight = 3,00 kg/m

E0	E2	E4	E5	E6	TB
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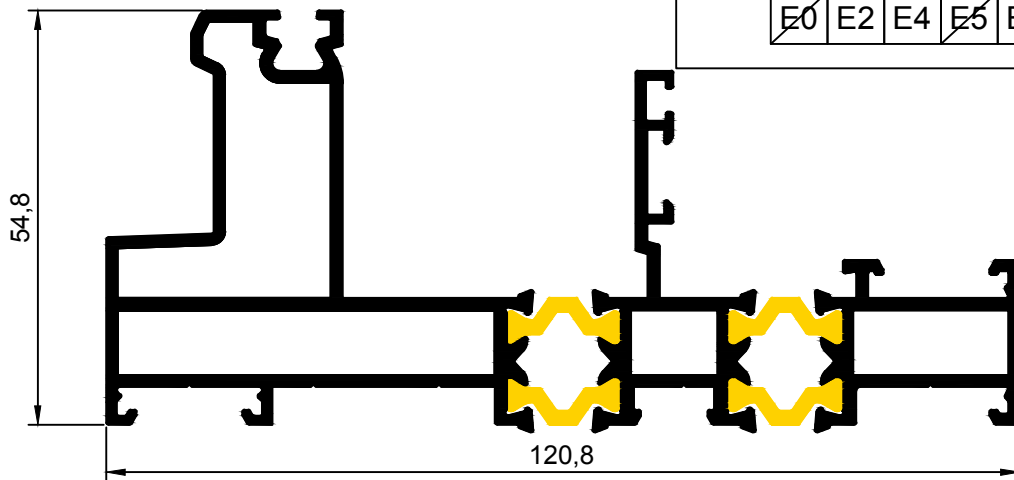


50 S 08*1

İçte Sabitli Kasa Profili Kasa /
Inside Fixed Frame Profile $J_x = 103,3 \text{ cm}^4$ $J_y = 18,1 \text{ cm}^4$

Ağırlık / Weight = 2,76 kg/m

E0	E2	E4	E5	E6	TB
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Not: *1 İlgili ürünlerin temin süreleri standart temin süreleri dışında olup, temasa geçilmesi önem taşımaktadır.

Note: *1 Supply periods of related products are out of the standard supply periods and it is important to contact the bases.

Ölçek Scale: 1/1

Profiller / Profiles

50 S 10

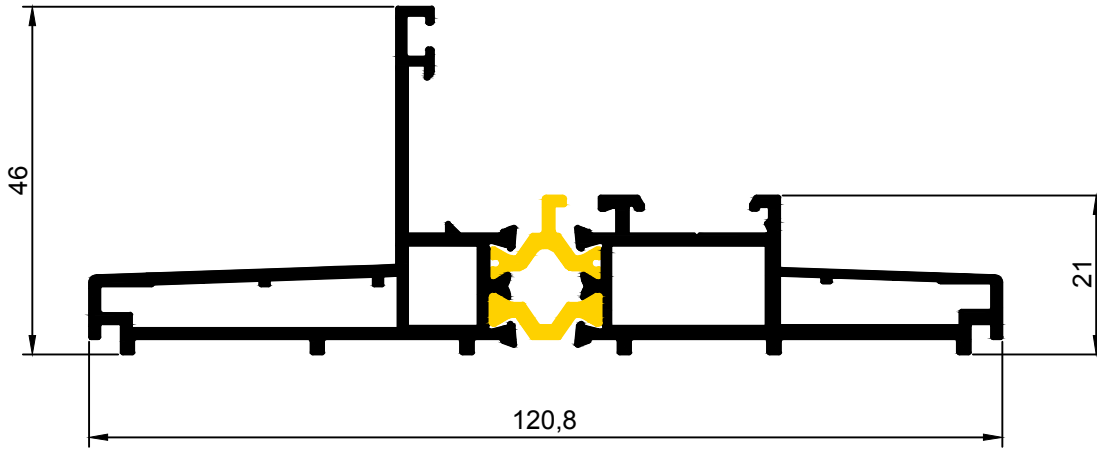
Sabite Geçiş Profili /

Fixed Transition Profile

$$J_x = 61,8 \text{ cm}^4 \quad J_y = 5,2 \text{ cm}^4$$

Ağırlık / Weight = 1,68 kg/m

E0	E2	E4	E5	E6	TB
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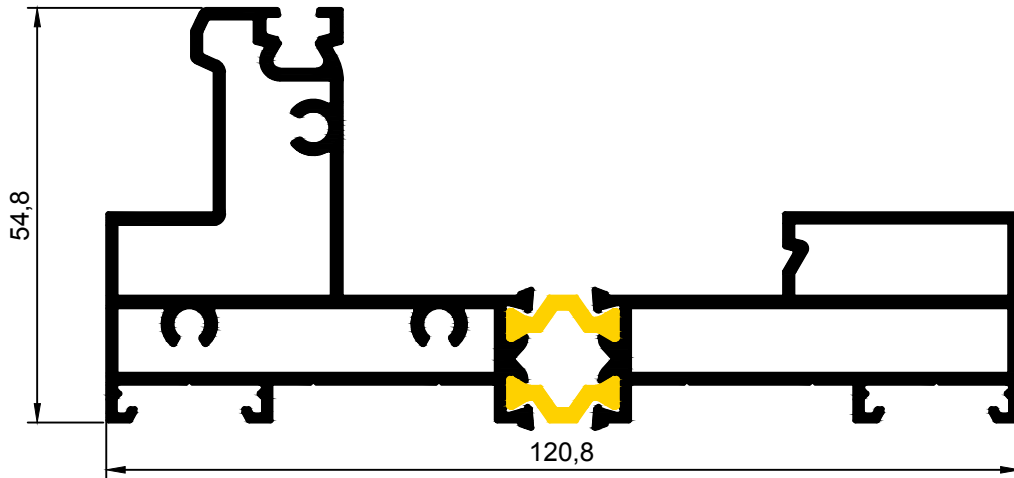
50 S 11

Kasa Profili / Frame Profile

$$J_x = 121,4 \text{ cm}^4 \quad J_y = 16,7 \text{ cm}^4$$

Ağırlık / Weight = 2,36 kg/m

E0	E2	E4	E5	E6	TB
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Profiller / Profiles

50 S 12

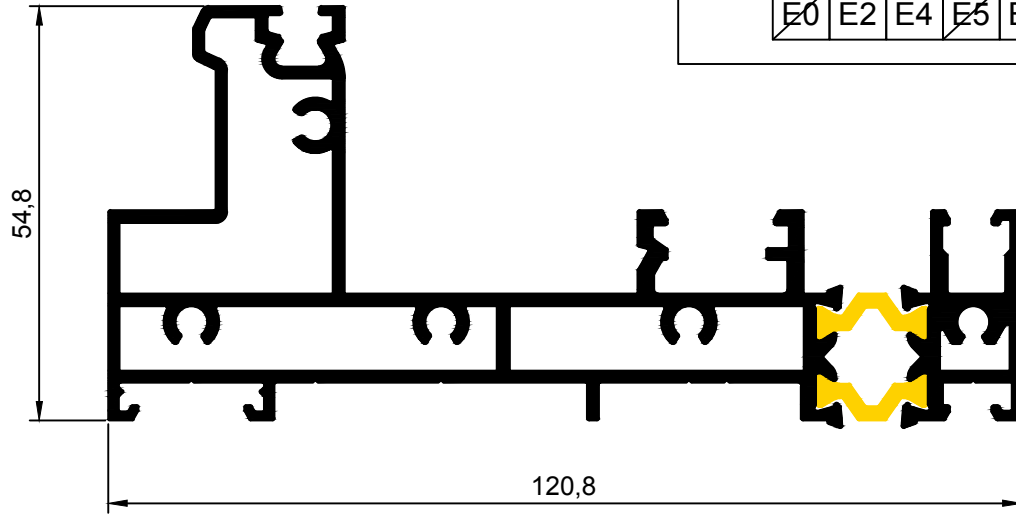
Dışta Sabitli Kasa Profili Kasa - 90° /

Outside Fixed Frame Profile - 90°

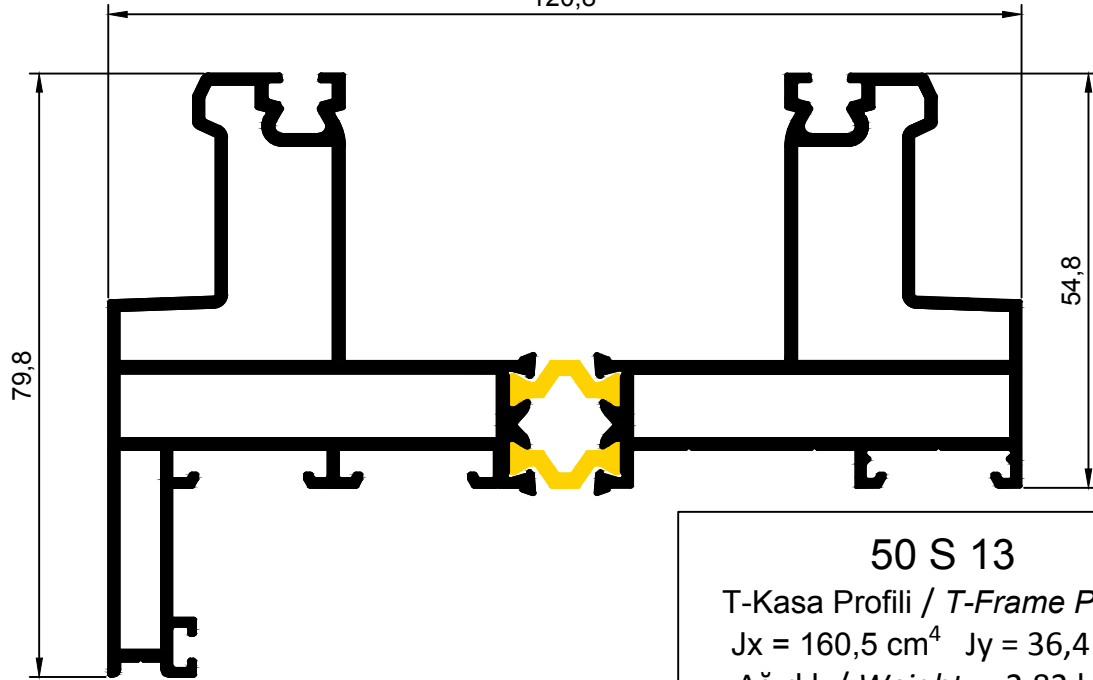
 $J_x = 137,6 \text{ cm}^4$ $J_y = 16,9 \text{ cm}^4$

Ağırlık / Weight = 2,59 kg/m

E0	E2	E4	E5	E6	TB
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120,8



50 S 13

T-Kasa Profili / T-Frame Profile

 $J_x = 160,5 \text{ cm}^4$ $J_y = 36,4 \text{ cm}^4$

Ağırlık / Weight = 2,82 kg/m

E0	E2	E4	E5	E6	TB
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Ölçek Scale: 1/1

ÇUHADAROĞLU

Profiler / Profiles

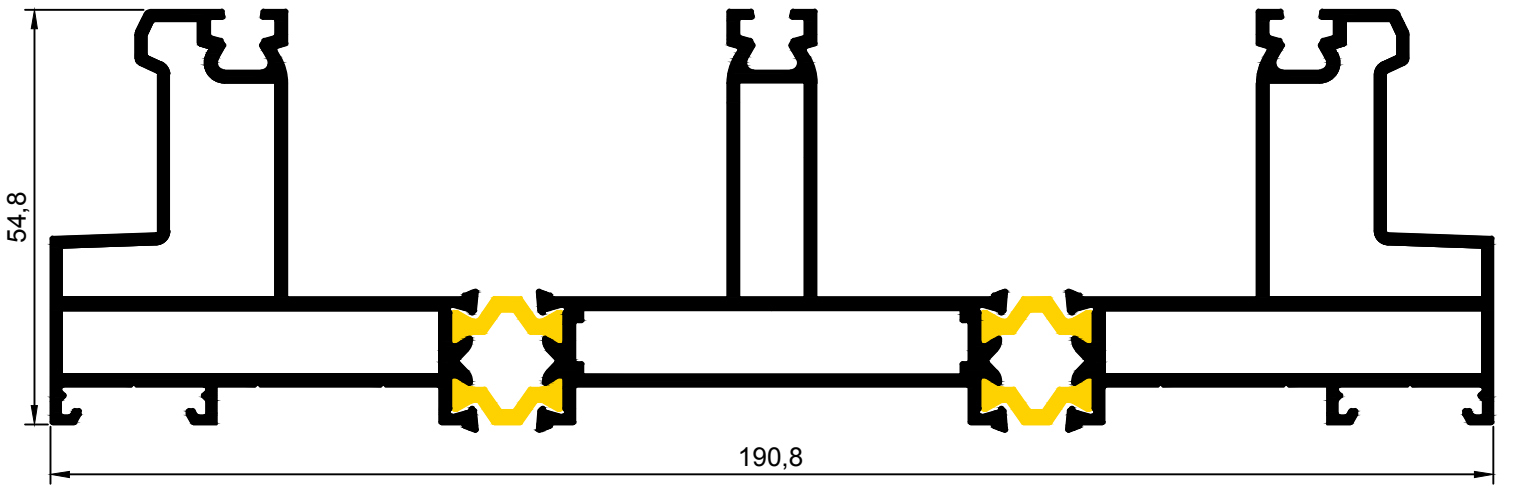
50 S 14

3 Raylı Kasa Profili / 3 Rail Sash Profile

 $J_x = 472,8 \text{ cm}^4$ $J_y = 34,5 \text{ cm}^4$

Ağırlık / Weight = 3,78 kg/m

E0	E2	E4	E5	E6	TB
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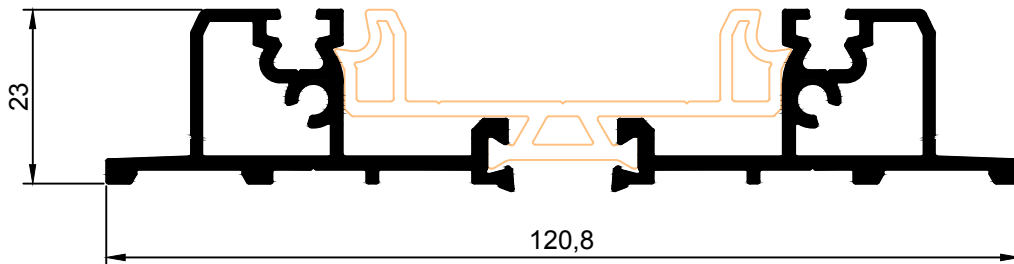


50 S 15

Alçak Eşik Profili /
Low Sill Profile $J_x = 67,4 \text{ cm}^4$ $J_y = 2,6 \text{ cm}^4$

Ağırlık / Weight = 1,70 kg/m

E0	E2	E4	E5	E6	TB
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Profiller / Profiles

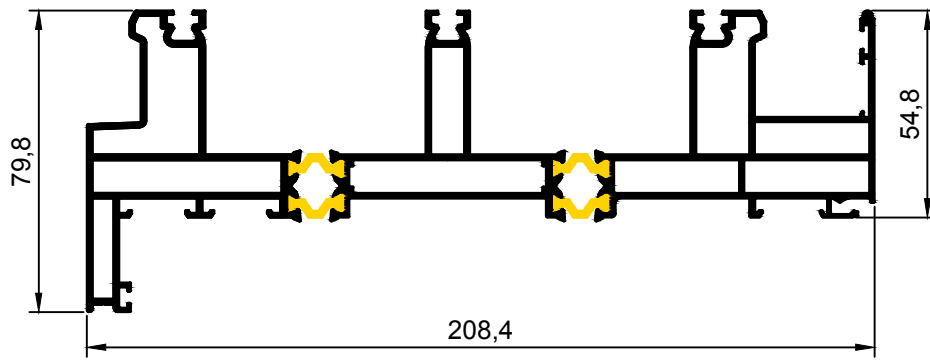
50 S 18

Kondens Kasa Profili /
Condense Frame Profile $J_x = 757,7 \text{ cm}^4$ $J_y = 50,9 \text{ cm}^4$

Ağırlık / Weight = 4,58 kg/m

E0	E2	E4	E5	E6	TB
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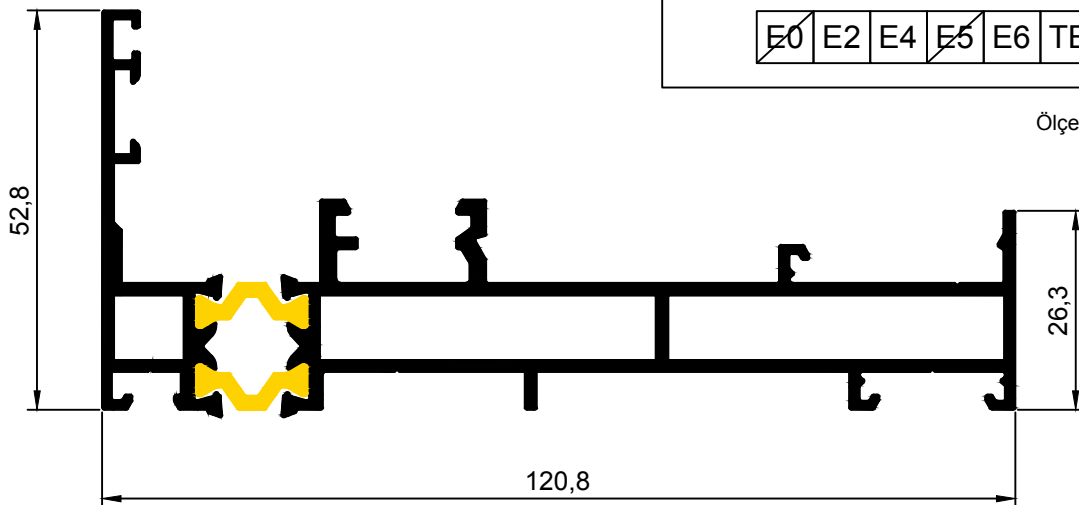
Ölçek / Scale:1/2

50 S 119^{*1}Kasa Profili - İçten Camlama
/ Frame Profile - Internal Glazing $J_x = 109,4 \text{ cm}^4$ $J_y = 7,9 \text{ cm}^4$

Ağırlık / Weight = 2,01 kg/m

E0	E2	E4	E5	E6	TB
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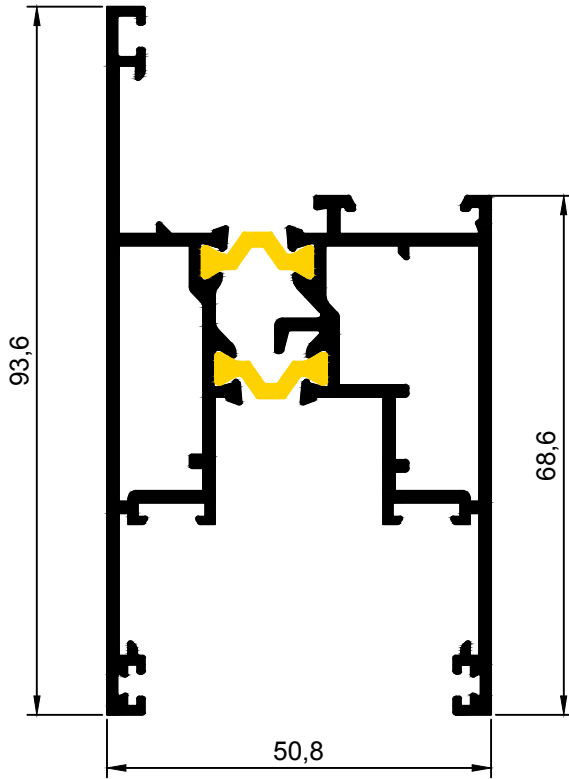
Ölçek / Scale:1/1



Not: ^{*1} İlgili ürünlerin temin süreleri standart temin süreleri dışında olup, temasa geçilmesi önem taşımaktadır.

Note: ^{*1} Supply periods of related products are out of the standard supply periods and it is important to contact the bases.

Profiller / Profiles



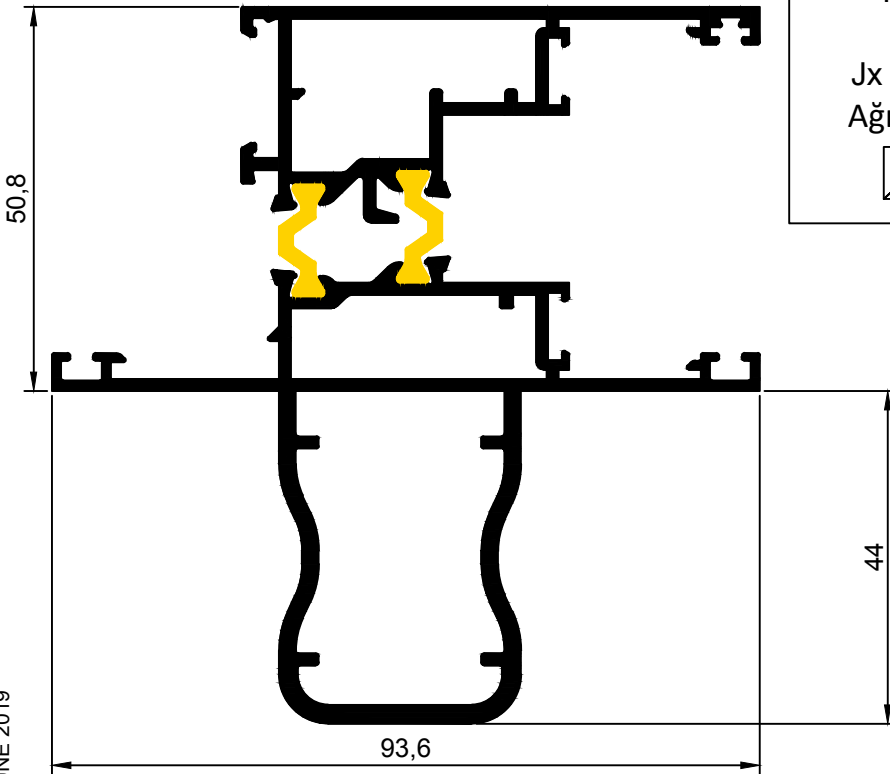
50 S 20

Kanat Profili / Sash Profile

 $J_x = 29,7 \text{ cm}^4$ $J_y = 22,6 \text{ cm}^4$

Ağırlık / Weight = 1,81 kg/m

E0	E2	E4	E5	E6	TB
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50 S 23*1

Kanat Profili - Takviyeli /

Sash Profile - Support

 $J_x = 75,7 \text{ cm}^4$ $J_y = 33,7 \text{ cm}^4$

Ağırlık / Weight = 2,55 kg/m

E0	E2	E4	E5	E6	TB
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Not: *1 İlgili ürünlerin temin süreleri standart temin süreleri dışında olup, temasa geçilmesi önem taşımaktadır.

Note: *1 Supply periods of related products are out of the standard supply periods and it is important to contact the bases.

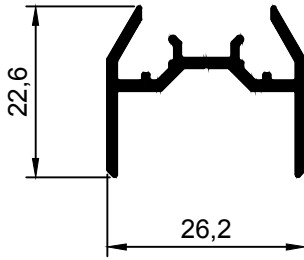
Ölçek Scale: 1/1

Profiller / Profiles

50 S 37

Sineklik Kanat Adaptör Profili /
Adapter Profile For Flyscreen
Ağırlık / Weight = 0,28 kg/m

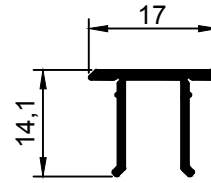
E0	E2	E4	E5	E6	TB
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50 S 38

Sineklik Kenar Kapatma Profili /
Flyscreen Cover Profile
Ağırlık / Weight = 0,12 kg/m

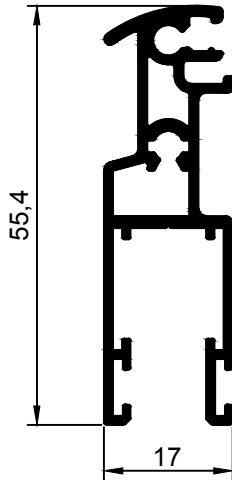
E0	E2	E4	E5	E6	TB
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50 S 39

Sineklik Kanat Profili /
Flyscreen Sash Profile
Ağırlık / Weight = 0,66 kg/m

E0	E2	E4	E5	E6	TB
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50 S 40

Kapak Profili / Cover Profile
Ağırlık / Weight = 0,45 kg/m

E0	E2	E4	E5	E6	TB
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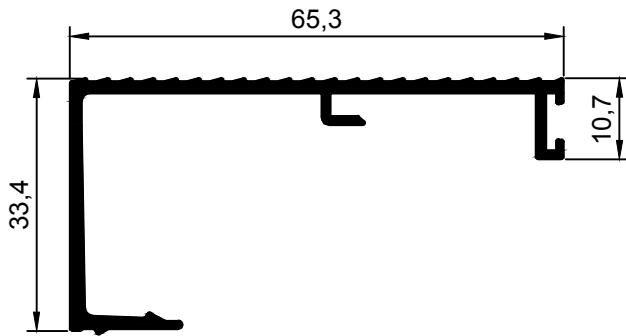


Profiller / Profiles

50 S 42^{*1}

Kapak Profili / Cover Profile
Ağırlık / Weight = 0,59 kg/m

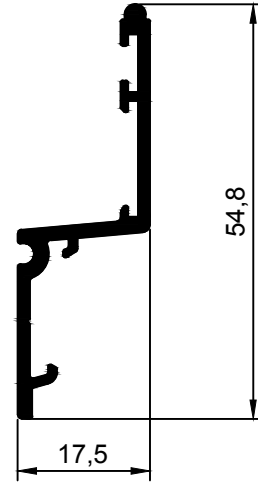
E0	E2	E4	E5	E6	TB
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50 S 45

Adaptör Profili / Adapter Profile
Ağırlık / Weight = 0,38 kg/m

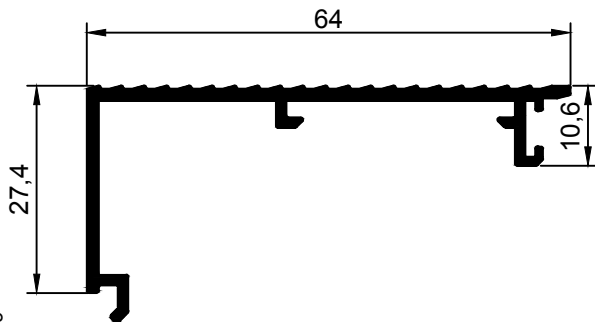
E0	E2	E4	E5	E6	TB
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50 S 49

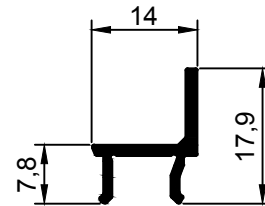
Kapak Profili / Cover Profile
Ağırlık / Weight = 0,51 kg/m

E0	E2	E4	E5	E6	TB
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50 S 50^{*1}

Kapak Profili - İçten Camlama /
Cover Profile - Internal Glazing
Ağırlık / Weight = 0,14 kg/m

E0	E2	E4	E5	E6	TB
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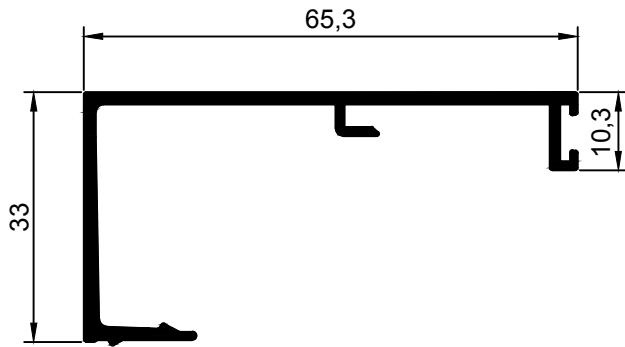


Profiller / Profiles

50 S 53

Kapak Profili / Cover Profile
Ağırlık / Weight = 0,57 kg/m

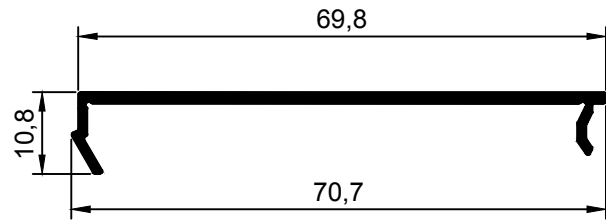
E0	E2	E4	E5	E6	TB
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50 S 54*1

Kapak Profili - İçten Camlama /
Cover Profile - Internal Glazing
Ağırlık / Weight = 0,33 kg/m

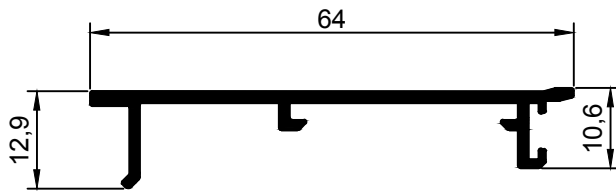
E0	E2	E4	E5	E6	TB
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50 S 56*1

Kapak Profili - İçten Camlama /
Cover Profile - Internal Glazing
Ağırlık / Weight = 0,40 kg/m

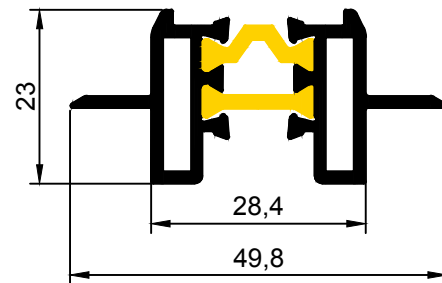
E0	E2	E4	E5	E6	TB
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50 S 62

Adaptör Profili / Adapter Profile
Ağırlık / Weight = 0,73 kg/m

E0	E2	E4	E5	E6	TB
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Not: *1 İlgili ürünlerin temin süreleri standart temin süreleri dışında olup, temasa geçilmesi önem taşımaktadır.
Note: *1 Supply periods of related products are out of the standard supply periods and it is important to contact the bases.

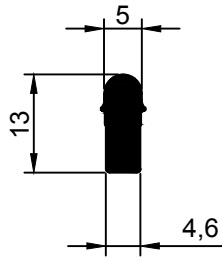
Ölçek Scale: 1/1

Profiller / Profiles

50 S 65

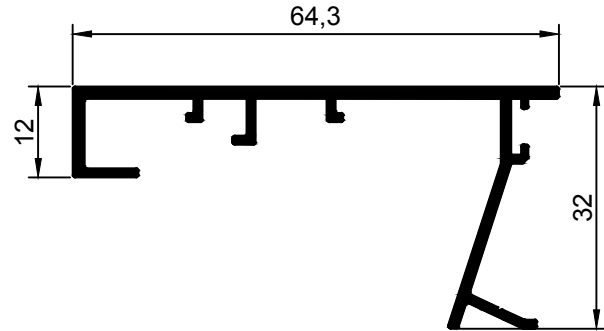
Ray Profili / Rail Profile
Ağırlık / Weight = 0,16 kg/m

E0	E2	E4	E5	E6	TB
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50 S 75^{*1}

Kapak Profili - Kanattan sabit Tip C /
Cover Profile - Fixed Sash Type C
Ağırlık / Weight = 0,56 kg/m

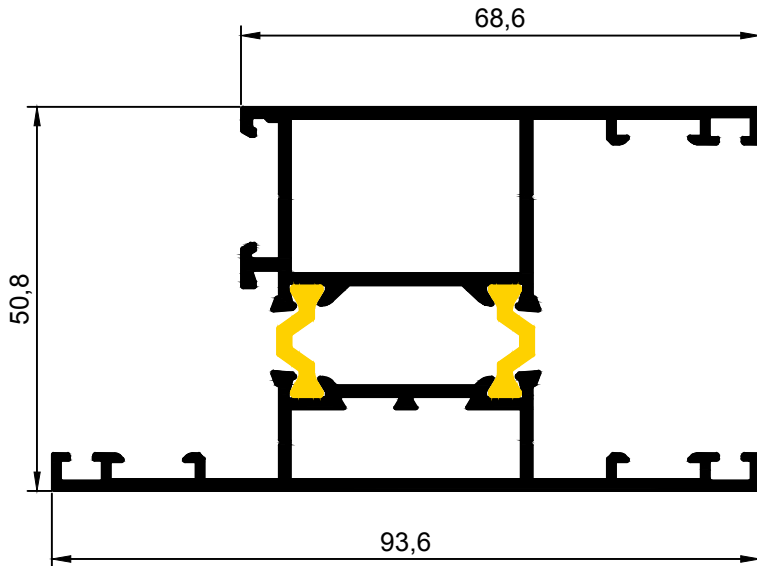
E0	E2	E4	E5	E6	TB
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50 S 90

Kayıt Profili / Mullion Profile
Jx = 28,9 cm⁴ Jy = 21,6 cm⁴
Ağırlık / Weight = 1,70 kg/m

E0	E2	E4	E5	E6	TB
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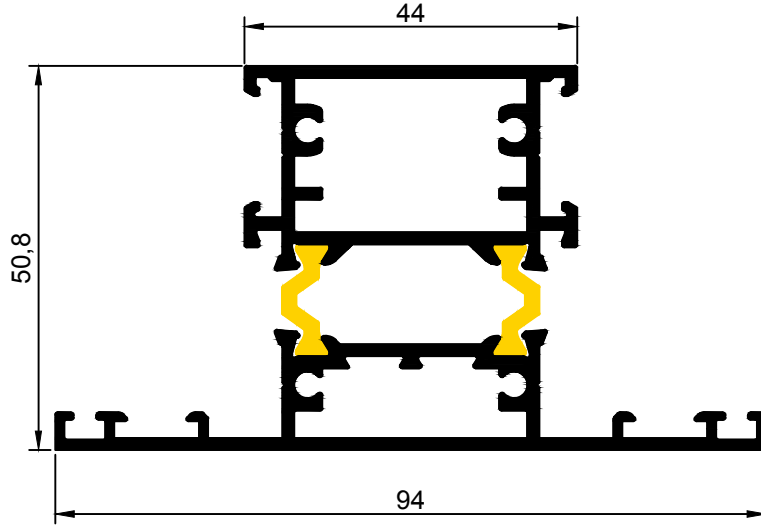
Not: ^{*1} İlgili ürünlerin temin süreleri standart temin süreleri dışında olup, temasa geçilmesi önem taşımaktadır.
Note: ^{*1} Supply periods of related products are out of the standard supply periods and it is important to contact the bases.

Ölçek Scale: 1/1

ÇUHADAROĞLU

SP.S50.00.08

Profiller / Profiles



50 S 92

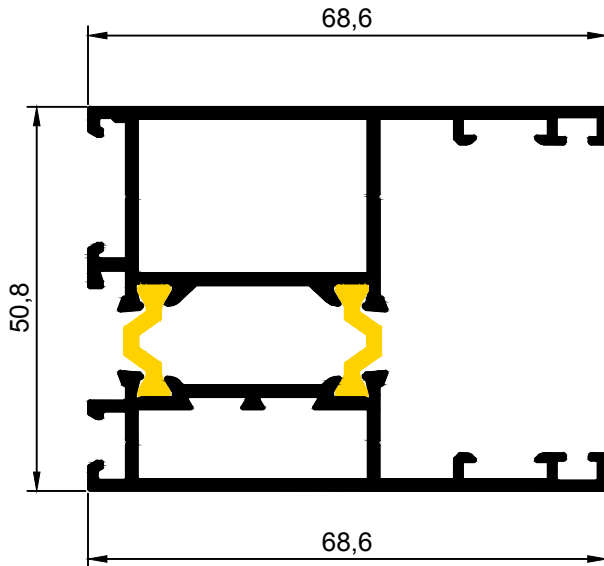
Kanat İçi Kayıt Profili /

Transom in Sash Profile

 $J_x = 24,5 \text{ cm}^4$ $J_y = 19,7 \text{ cm}^4$

Ağırlık / Weight = 1,76 kg/m

E0	E2	E4	E5	E6	TB
----	----	----	----	----	----



50 S 93

Kayıt Profili / Mullion Profile

 $J_x = 20,5 \text{ cm}^4$ $J_y = 19,2 \text{ cm}^4$

Ağırlık / Weight = 1,58 kg/m

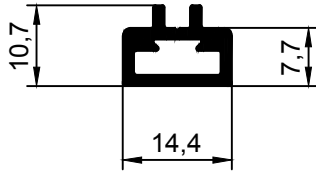
E0	E2	E4	E5	E6	TB
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Profiller / Profiles

50 S 100

Adaptör Profili / *Adapter Profile*
Ağırlık / *Weight* = 0,20 kg/m

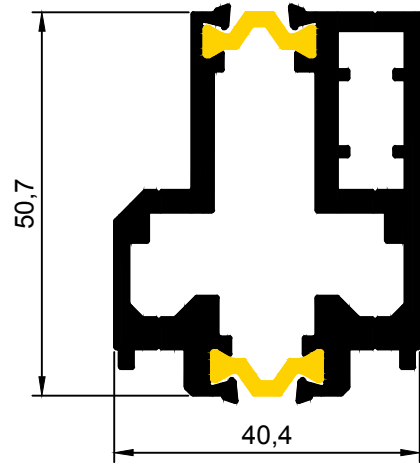
E0	E2	E4	E5	E6	TB
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50 S 101*1

Takviye Profili / *Support Profile*
 $Jx = 15,3 \text{ cm}^4$ $Jy = 10,9 \text{ cm}^4$
Ağırlık / *Weight* = 1,79 kg/m

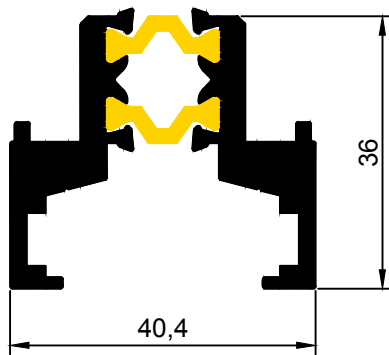
E0	E2	E4	E5	E6	TB
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50 S 102

Takviye Profili / *Support Profile*
 $Jx = 7,8 \text{ cm}^4$ $Jy = 3,5 \text{ cm}^4$
Ağırlık / *Weight* = 1,26 kg/m

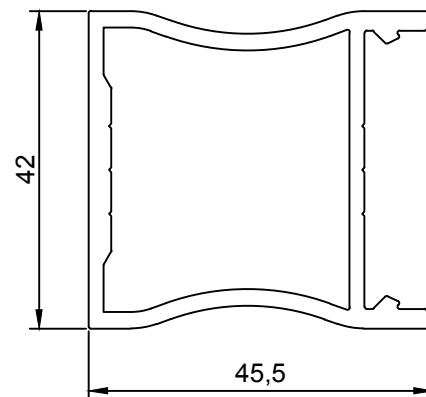
E0	E2	E4	E5	E6	TB
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50 S 103*1

Takviye Profili / *Support Profile*
 $Jx = 9,4 \text{ cm}^4$ $Jy = 9,4 \text{ cm}^4$
Ağırlık / *Weight* = 1,06 kg/m

E0	E2	E4	E5	E6	TB
----	----	----	----	----	----



Not: *1 İlgili ürünlerin temin süreleri standart temin süreleri dışında olup, temasa geçilmesi önem taşımaktadır.
Note: *1 Supply periods of related products are out of the standard supply periods and it is important to contact the bases.

Ölçek Scale: 1/1

ÇUHADAROĞLU

SP.S50.00.08

Profiller / Profiles

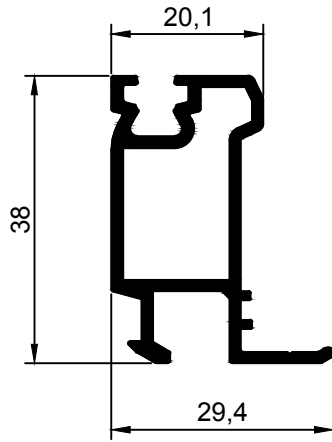
50 S 213*1

Ray Yuvası Profili /

Rail Groove Profile

Ağırlık / Weight = 0,58 kg/m

E0	E2	E4	E5	E6	TB
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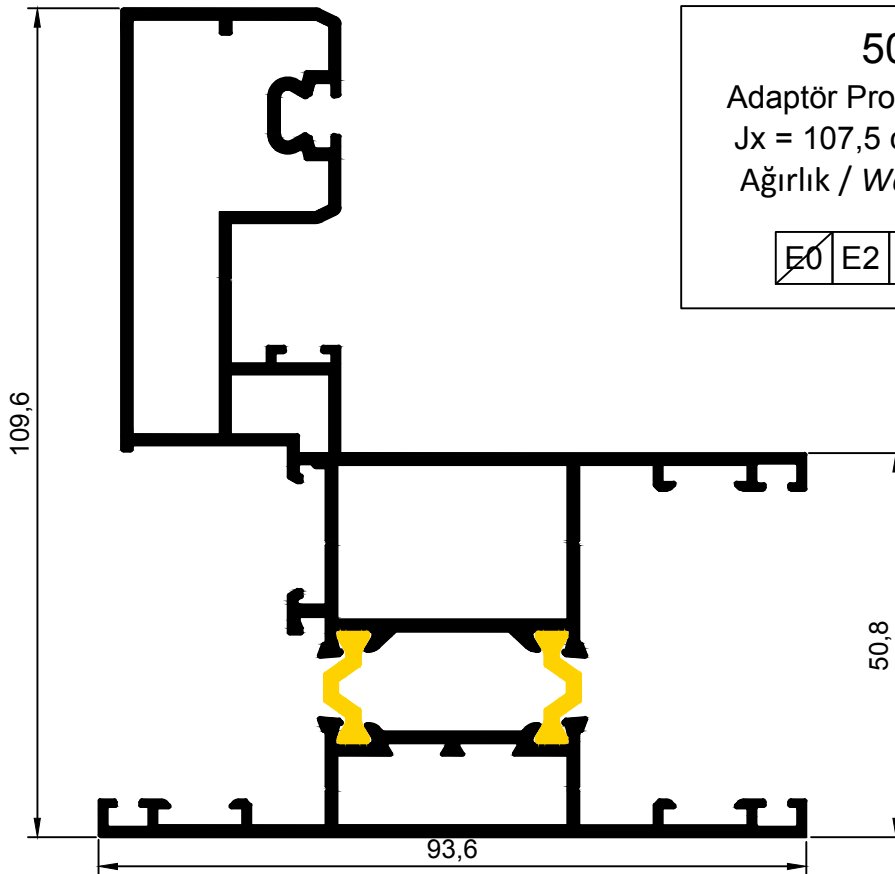
50 S 214

Adaptör Profili / Adapter Profile

 $J_x = 107,5 \text{ cm}^4$ $J_y = 54,1 \text{ cm}^4$

Ağırlık / Weight = 2,62 kg/m

E0	E2	E4	E5	E6	TB
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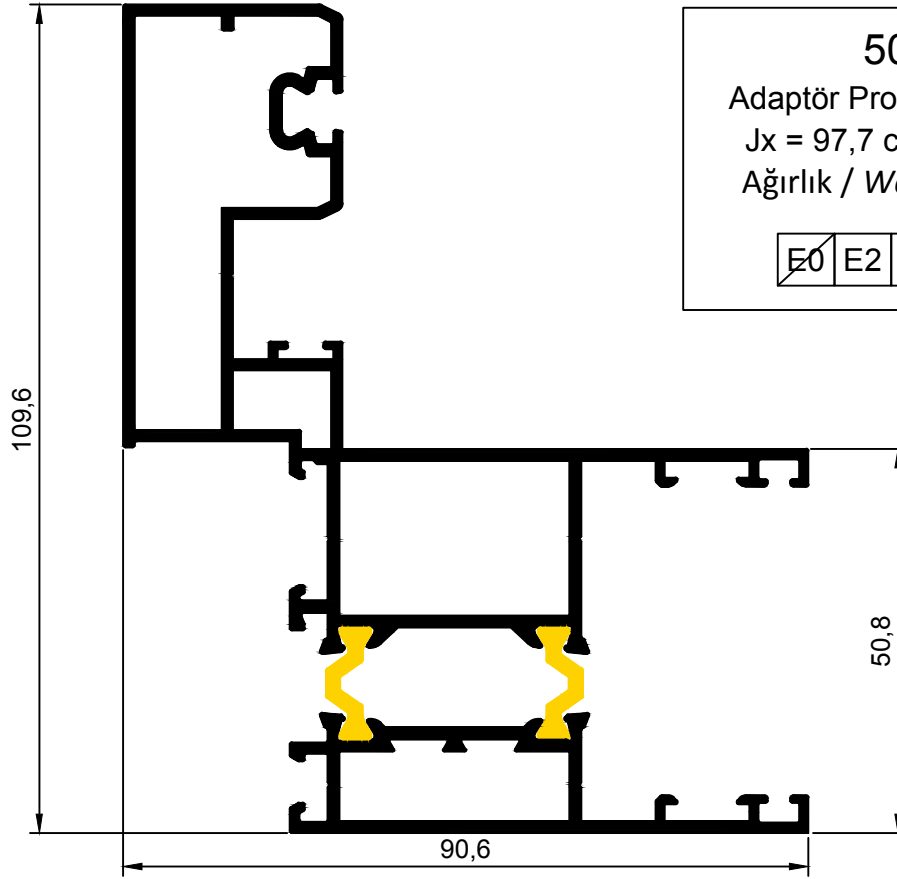


Not: *1 İlgili ürünlerin temin süreleri standart temin süreleri dışında olup, temasa geçilmesi önem taşımaktadır.

Note: *1 Supply periods of related products are out of the standard supply periods and it is important to contact the bases.

Ölçek Scale: 1/1

Profiller / Profiles



50 S 215

Adaptör Profili / Adapter Profile

 $J_x = 97,7 \text{ cm}^4$ $J_y = 50,6 \text{ cm}^4$

Ağırlık / Weight = 2,50 kg/m

E0	E2	E4	E5	E6	TB
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36 S 35

Adaptör Profili / Adapter Profile

Ağırlık / Weight = 0,10 kg/m

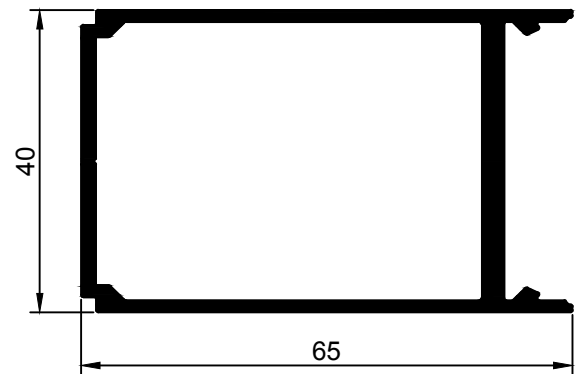
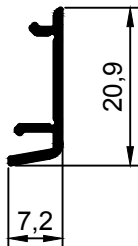
E0	E2	E4	E5	E6	TB
----	----	----	----	----	----

50 DS 171

Takviye Profili / Support Profile

Ağırlık / Weight = 1,09 kg/m

E0	E2	E4	E5	E6	TB
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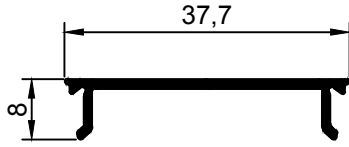


Profiller / Profiles

50 DS 172

Kapak Profili / *Cover Profile*
Ağırlık / *Weight* = 0,17 kg/m

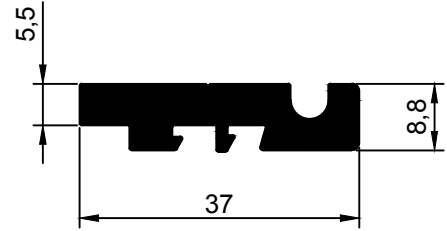
E0	E2	E4	E5	E6	TB
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50 DS 173

Çektirme Profili / *T-Cleat Profile*
Ağırlık / *Weight* = 0,68 kg/m

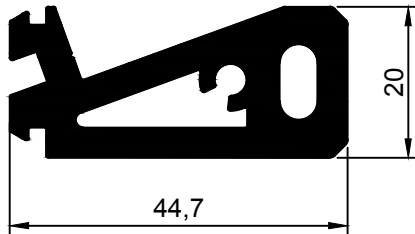
E0	E2	E4	E5	E6	TB
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50 DS 174

Çektirme Profili / *T-Cleat Profile*
Ağırlık / *Weight* = 1,46 kg/m

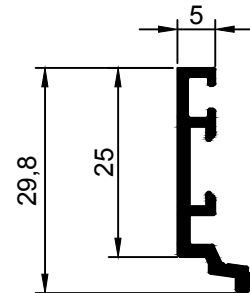
E0	E2	E4	E5	E6	TB
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50 DS 212

Cam Çıtası / *Glazing Bead*
Ağırlık / *Weight* = 0,20 kg/m

E0	E2	E4	E5	E6	TB
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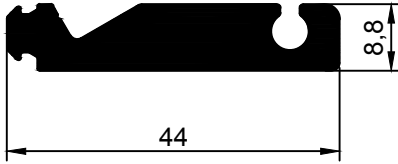
Profiller / Profiles

75 S 110

Çektirme Profili / T-Cleat Profile

Ağırlık / Weight = 0,87 kg/m

E0	E2	E4	E5	E6	TB
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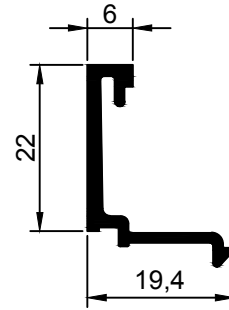


3144

Cam Çıtası / Glazing Bead

Ağırlık / Weight = 0,22 kg/m

E0	E2	E4	E5	E6	TB
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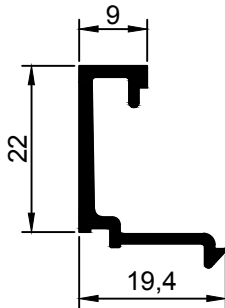


3145

Cam Çıtası / Glazing Bead

Ağırlık / Weight = 0,23 kg/m

E0	E2	E4	E5	E6	TB
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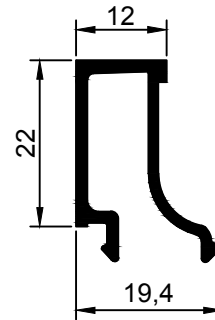


2606

Cam Çıtası / Glazing Bead

Ağırlık / Weight = 0,28 kg/m

E0	E2	E4	E5	E6	TB
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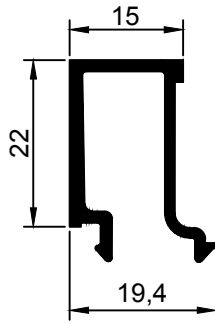


Profiller / Profiles

3108

Cam Çıtası / Glazing Bead
Ağırlık / Weight = 0,30 kg/m

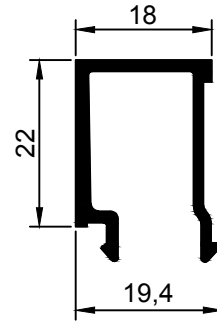
E0	E2	E4	E5	E6	TB
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3109

Cam Çıtası / Glazing Bead
Ağırlık / Weight = 0,31 kg/m

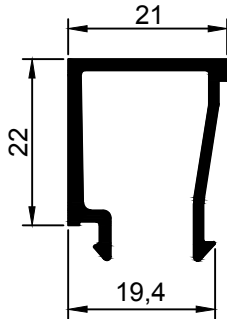
E0	E2	E4	E5	E6	TB
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3110

Cam Çıtası / Glazing Bead
Ağırlık / Weight = 0,32 kg/m

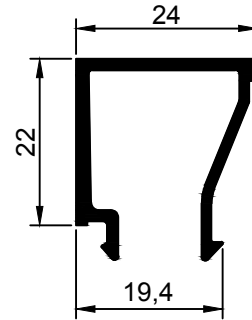
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3111

Cam Çıtası / Glazing Bead
Ağırlık / Weight = 0,33 kg/m

E0	E2	E4	E5	E6	TB
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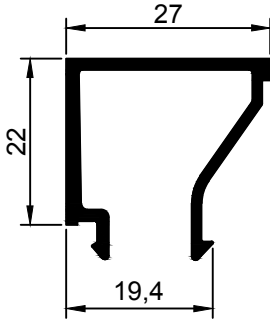


Profiller / Profiles

3112

Cam Çıtası / Glazing Bead
Ağırlık / Weight = 0,35 kg/m

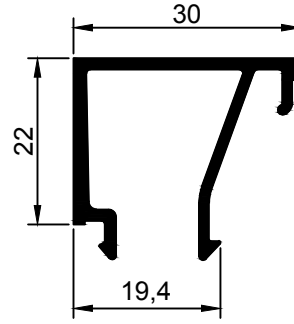
E0	E2	E4	E5	E6	TB
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3113

Cam Çıtası / Glazing Bead
Ağırlık / Weight = 0,38 kg/m

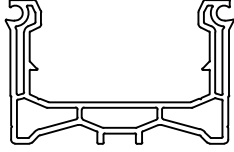
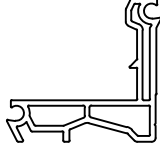
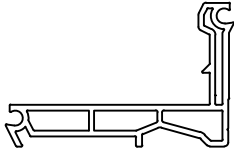
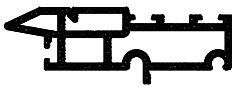
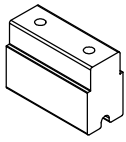
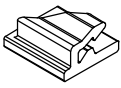
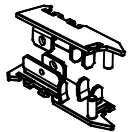
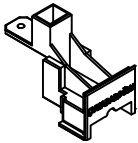
E0	E2	E4	E5	E6	TB
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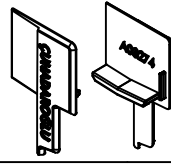
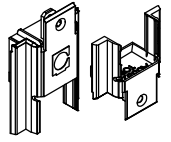
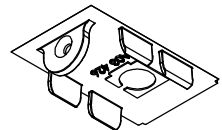
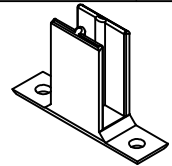
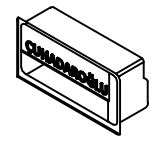
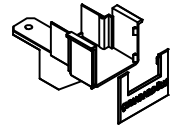
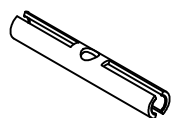
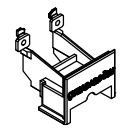
5

AKSESUAR LİSTESİ LIST OF ACCESSORIES

Aksesuar Listesi / List Of Accessories

No	Aksesuar / Accessory	Aksesuar Kodu Accessory Code	Kullanıldığı Profiller Used Profiles	İmalat Ölçüleri Dimensions For Assembling	Paket Miktarı Package Quantity
1	Kasa Yalıtım Plastiği / Frame Insulation Plastic	A02 110	50 S 01		6 Metre 6 Meters
2	Kasa Yalıtım Plastiği / Frame Insulation Plastic	A02 113	50 S 03		6 Metre 6 Meters
3	Kasa Yalıtım Plastiği / Frame Insulation Plastic	A02 116	50 S 11		6 Metre 6 Meters
4	Kapak Altı Plastiği / Clamping Plastic	A02 119	50 S 49		6 Metre 6 Meters
5	Kenet Yalıtım Plastiği / Clamp Insulation Plastic	A02 121	50 S 20 50 S 90 50 S 93		6 Metre 6 Meters
6	Sabit Kanat Bağlantı Parçası / Fixed Sash Connection Part	A03 004	50 S 20		10 Adet 10 Piece
7	Tahliye Topu / Drain Plug	A03 202	50 S 03		1 Adet 1 Piece
8	Kapak Plastiği / Cover Plastic	A03 205	50 S 06 50 S 42		1 Adet 1 Piece
9	Kenet Alt-Üst Kapatma Plastiği / Clamp Top-Bottom Cover Plastic	A03 262	A02 121		1 Takım 1 Set
10	Kenet Alt Plug / Clamp Bottom Plug	A03 273	50 S 20 50 S 40		1 Adet 1 Piece

Aksesuar Listesi / List Of Accessories

No	Aksesuar / Accessory	Aksesuar Kodu Accessory Code	Kullanıldığı Profiller Used Profiles	İmalat Ölçüleri Dimensions For Assembling	Paket Miktarı Package Quantity
11	Kondens Profili Kapatma Plastiği / Condense Profile Cover Plastic	A03 274	50 S 45		10 Takım 10 Set
12	Kanat Alt-Üst Plug / Sash Top-Bottom Plug Tip C, C2 / Type C, C2	A03 326	50 S 62		1 Takım 1 Set
13	Flapeli Tahliye Tapası / Drain Plug	A03 406	50 S 03		50 Adet 50 Piece
14	Kapatma Plastiği / Cover Plastic	A03 426	50 DS 171 50 DS 172		10 Adet 10 Piece
15	Sineklik Kanadı Kılavuz Plastiği / Flyscreen Guide Plastic	A03 463	50 S 39		-
16	Kanat Tahliye Tüpü / Sash Drainage Tube	A03 467	50 S 20		1 Adet 1 Piece
17	Kanat Kılavuz Plastiği / Sash Guide Plastic	A03 468	50 S 20		1 Adet 1 Piece
18	Kenet Üst Plug-Kapağı / Clamp Top Plug-Cover	A03 469	50 S 20 50 S 40		10 Takım 10 Set
19	Kasa Kırılma Tüpü / Closure Tube	A03 470	50 S 01		5 Adet 5 Piece
20	Kenet Alt Plug / Clamp Bottom Plug Tip 3 Ray / Type 3 Rail	A03 491	50 S 20 50 S 40		-

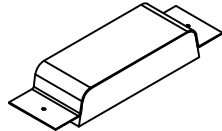
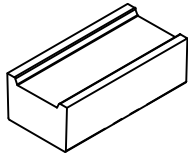
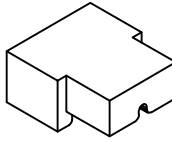
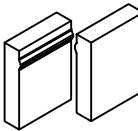
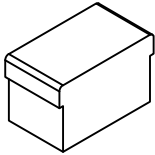
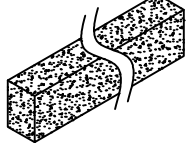
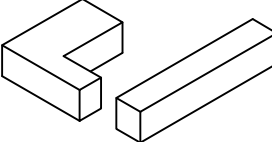
Aksesuar Listesi / List Of Accessories

No	Aksesuar / Accessory	Aksesuar Kodu Accessory Code	Kullanıldığı Profiller Used Profiles	İmalat Ölçüleri Dimensions For Assembling	Paket Miktarı Package Quantity
21	Kasa Tahliye Tüpü / Frame Drainage Tube Tip A, Tip C / Type A, Tip C	A03 494	50 S 03		-
22	Kasa Tahliye Tüpü / Frame Drainage Tube Tip 3 Ray / Type 3 Rail	A03 504	50 S 14		-
23	Kapak Altı Plastiği / Clamping Plastic	A03 525	50 S 06 50 S 42		-
24	Kapatma Plastiği / Cover Plastic	A03 553*	50 S 23*		-
25	Kapatma Plastiği / Cover Plastic	A03 554*	50 S 103*		-
26	Cam Takoğu / Setting Block 5x20x100 mm	C01 006			100 Adet 100 Piece
27	Cam Takoğu / Setting Block 5x25x100 mm	C01 008			100 Adet 100 Piece
28	Silikon / Silicone	D06 001			20 Adet 20 Piece
29	Silikon / Silicone	D07 007			25 Adet 25 Piece
30	Hızlı Yapıştırıcı / Fast Adhesive	D07 012			12 Adet 12 Piece

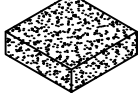
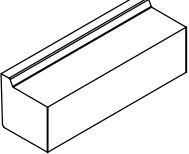
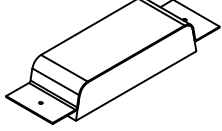
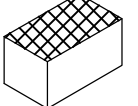
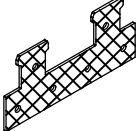
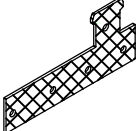
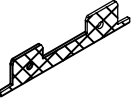
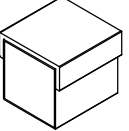
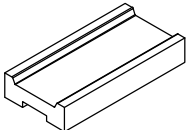
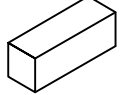
Not: * İlgili ürünlerin temin süreleri standart temin süreleri dışında olup, temasa geçilmesi önem taşımaktadır.

Note: * Supply periods of related products are out of the standard supply periods and it is important to contact the bases.

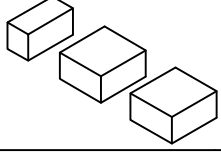
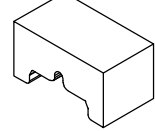
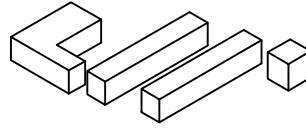
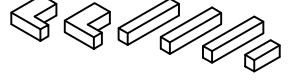
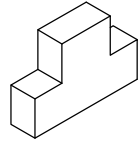
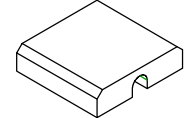
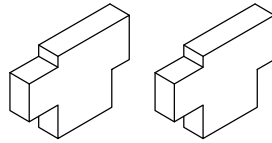
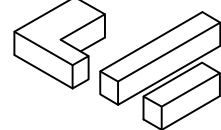
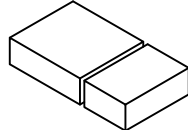
Aksesuar Listesi / List Of Accessories

No	Aksesuar / Accessory	Aksesuar Kodu Accessory Code	Kullanıldığı Profiller Used Profiles	İmalat Ölçüleri Dimensions For Assembling	Paket Miktarı Package Quantity
31	Yüzey Temizleme Sıvısı Surface Cleaning Fluid	D08 005			-
32	Yüzey Temizleme Sıvısı Surface Cleaning Fluid	D08 007			-
33	Kasa Üst Sızdırmazlık Sünger / Frame Top Clamp Sealing Sponge Tip C2, D, 3 Ray / Type C2, D, 3 Rail	D09 113	50 S 01		10 Adet 10 Piece
34	Kasa Alt Sızdırmazlık Sünger / Bottom Frame Sealing Sponge Tip C2, D, 3 Ray / Type C2, D, 3 Rail	D09 114	50 S 01		5 Adet 5 Piece
35	Kanat Alt Plug Sünger / Sash Bottom Plug Sponge	D09 116	A03 273		10 Adet 10 Piece
36	Kanat Üst Plug Sünger / Sash Top Plug Sponge	D09 147	A03 469		10 Takım 10 Set
37	Kanat Üst Plug Sünger / Sash Top Plug Sponge	D09 148	A03 469		1 Adet 1 Piece
38	Kenet Plastiği Sünger / Clamp Plastic Sponge Band	D09 149	A02 121		50 Metre 50 Meters
39	Kasa Körleme Sünger / Frame Strip Sponge Tip C2, D / Type C2, D	D09 150	50 S 01		50 Adet 50 Piece
40	Kasa Tahliye Topu Sünger / Frame Sponge Tip A, C / Type A, C	D09 151	50 S 03		50 Adet 50 Piece

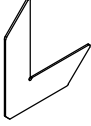
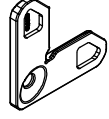
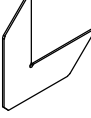
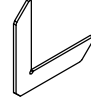
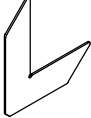
Aksesuar Listesi / List Of Accessories

No	Aksesuar / Accessory	Aksesuar Kodu Accessory Code	Kullanıldığı Profiller Used Profiles	İmalat Ölçüleri Dimensions For Assembling	Paket Miktarı Package Quantity
41	Kondens Kanalı Tahliye Topu Sünger / Condense Profile Sponge	D09 152	50 S 45		50 Adet 50 Piece
42	Kasa Alt Sızdırmazlık Sünger / Frame Bottom Sponge Tip A, C / Type A, C	D09 164	50 S 03		10 Adet 10 Piece
43	Kasa Üst Sızdırmazlık Sünger / Frame Top Sponge Tip A, C / Type A, C	D09 165	50 S 03		10 Adet 10 Piece
44	Kanat Üst Plug Sünger / Top Plug Sponge Tip C / Type C	D09 166	A03 326		-
45	Kasa Sızdırmazlık Contası / Frame Sealing Gasket Tip D / Type D	D09 167	50 S 04 50 S 11		-
46	Kasa Sızdırmazlık Contası / Frame Sealing Gasket Tip A, C / Type A, C	D09 168	50 S 12		-
47	Kasa Sızdırmazlık Contası / Frame Sealing Gasket Tip D / Type D	D09 174	50 S 04 50 S 15		-
48	Kanat Alt Plug Sünger / Sash Bottom Plug Sponge Tip C / Type C	D09 175	A03 326		-
49	Kasa Sızdırmazlık Sünger / Frame Sponge Tip D / Type D	D09 178	50 S 15		-
50	Kasa Tahliye Tüpü Sünger / Frame Drainage Tube Sponge Tip A, C / Type A, C	D09 184	A02 113		-

Aksesuar Listesi / List Of Accessories

No	Aksesuar / Accessory	Aksesuar Kodu Accessory Code	Kullanıldığı Profiller Used Profiles	İmalat Ölçüleri Dimensions For Assembling	Paket Miktarı Package Quantity
51	Kayıt Sızdırmazlık Süngeri / Transom - Mullion Sponge Tip A, C / Type A, C	D09 186	50 S 03		-
52	Kanat Alt Plug Süngeri / Bottom Plug Sponge Tip 3 Ray / Type 3 Rail	D09 189	50 S 20 50 S 40		-
53	Kasa Körleme Süngeri / Frame Strip Sponge Tip A, C / Type A, C	D09 190	50 S 03		-
54	Kasa Körleme Süngeri / Frame Strip Sponge Tip 3 Ray / Type 3 Rail	D09 191	50 S 14		-
55	Kanat Körleme Süngeri / Sash Strip Sponge Tip C, C2 / Type C, C2	D09 209	50 S 20		-
56	Ray Üstü Süngeri / Top Sponge For Rail Tip C, C2 / Type C, C2	D09 212	50 S 01 50 S 03		-
57	Alt - Üst Sünger / Bottom - Top Sponge Tip G / Type G	D09 226	50 S 214 50 S 215		-
58	Kasa Körleme Süngeri / Frame Strip Sponge Tip A / Type A	D09 236	50 S 06		-
59	Kayıt Sızdırmazlık Süngeri / Transom - Mullion Sponge Geçmeli Ray - Add On Rail	D09 246	50 S 119		-
60	PE Sosis Fitol - Ø6 / PE Gasket - Ø6	D09 195			-

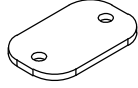
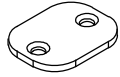
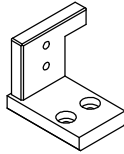
Aksesuar Listesi / List Of Accessories

No	Aksesuar / Accessory	Aksesuar Kodu Accessory Code	Kullanıldığı Profiller Used Profiles	İmalat Ölçüleri Dimensions For Assembling	Paket Miktarı Package Quantity
61	PE Sosis Fitol - Ø20 / PE Gasket - Ø20	40 D 55			-
62	Köşe Gönyesi 15 x 1,2 mm/ Mitre Joint Angle 15 x 1,2 mm	G01 021	50 S 45		50 Adet 50 Piece
63	Köşe Gönyesi / Mitre Joint Angle	G01 035	50 S 10 50 S 20		50 Adet 50 Piece
64	Köşe Gönyesi 18,2 x 1 mm/ Mitre Joint Angle 18,2 x 1 mm	G01 048	50 S 20		50 Adet 50 Piece
65	Köşe Gönyesi 10,8 x 2 mm/ Mitre Joint Angle 10,8 x 2 mm	G01 054	50 S 06		50 Adet 50 Piece
66	Köşe Gönyesi 15,5 x 1 mm/ Mitre Joint Angle 15,5 x 1 mm	G01 075	50 S 39		-
67	3 mm İç Cam Fitol / 3 mm Inside Glazing Gasket	40 D 03	50 S 20 50 S 03 50 S 90		200 Metre 200 Meter
68	4 mm İç Cam Fitol / 4 mm Inside Glazing Gasket	40 D 05	50 S 20 50 S 03 50 S 90		200 Metre 200 Meter
69	5 mm İç Cam Fitol / 5 mm Inside Glazing Gasket	MN201	50 S 20 50 S 03 50 S 90		150 Metre 150 Meter
70	5 mm Dış Cam Fitol / 5 mm Outside Glazing Gasket	F02 016	50 S 20 50 S 03 50 S 90		150 Metre 150 Meter

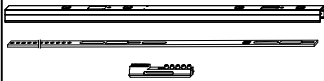
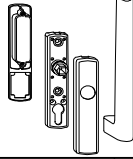
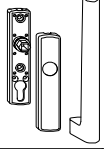
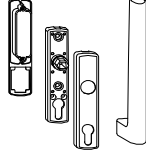
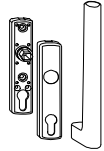
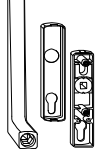
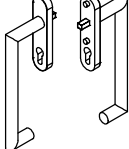
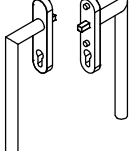
Aksesuar Listesi / List Of Accessories

No	Aksesuar / Accessory	Aksesuar Kodu Accessory Code	Kullanıldığı Profiller Used Profiles	İmalat Ölçüleri Dimensions For Assembling	Paket Miktarı Package Quantity
71	3 mm Dış Cam Fitol / 3 mm Outside Glazing Gasket	F02 018	50 S 20 50 S 03 50 S 90		200 Metre 200 Meter
72	Ray Fitili / Rail Gasket	F05 018	50 S 03		100 Metre 100 Meter
73	Sineklik Fitili / Flyscreen Gasket	F09 003			100 Metre 100 Meter
74	6 mm Fırça Fitil / 6 mm Brush Gasket	F09 006			450 Metre 450 Meter
75	Sineklik Fitili / Flyscreen Gasket	F09 015			50 Metre 50 Meter
76	8 mm Fırça Fitil / 8 mm Brush Gasket	F09 056	A02 121		350 Metre 350 Meter
77	Yalıtım Fitili / Insulation Gasket	F09 068	50 S 12		-
78	Kanat Fitili / Sash Gasket	F09 080	50 S 20		200 Metre 200 Meter
79	18 mm Fırça Fitil / 18 mm Brush Gasket	F09 086			50 Metre 50 Meter
80	12 mm Fırça Fitil / 12 mm Brush Gasket	F09 090	50 S 49		300 Metre 300 Meter

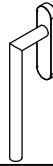
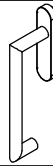
Aksesuar Listesi / List Of Accessories

No	Aksesuar / Accessory	Aksesuar Kodu Accessory Code	Kullanıldığı Profiller Used Profiles	İmalat Ölçüleri Dimensions For Assembling	Paket Miktarı Package Quantity
81	Adaptör Profili Bağlantı Parçası / Adapter Profile Fixing Part Tip C / Type C	Z08 204	1190 - 1790 mm = 2 adet 1791 - 2290 mm = 4 adet 2291 - 2690 mm = 6 adet 2691 - 2990 mm = 6 adet 2991 - 3300 mm = 8 adet		-
82	Kilit Karşılığı Bağlantı Parçası / Strike Plate Fixing Part Tip C / Type C	Z08 220	Kanatta 2 Adet 2 Piece in the Sash		-
83	Alt - Üst Çektirme / Bottom - Top T-Cleat Tip G / Type G	Z08 265	50 S 214 50 S 215		-
84	İspanyolet / Espagnolette (1190 - 1790 mm)	S01 017			-
85	İspanyolet / Espagnolette (1791 - 2290 mm)	S01 018			-
86	İspanyolet / Espagnolette (2291 - 2690 mm)	S01 036			-
87	Ara Bağlantı Laması / Connecting Rod (590 - 1450 mm)	S15 002			-
88	Ara Bağlantı Laması / Connecting Rod (1451 - 1950 mm)	S15 003			-
89	Ara Bağlantı Laması / Connecting Rod (1951 - 2450 mm)	S15 004			-
90	Ara Bağlantı Laması / Connecting Rod (2451 - 2485 mm)	S15 005			-

Aksesuar Listesi / List Of Accessories

No	Aksesuar / Accessory	Aksesuar Kodu Accessory Code	Kullanıldığı Profiller Used Profiles	İmalat Ölçüleri Dimensions For Assembling	Paket Miktarı Package Quantity
91	Paslanmaz Çelik Ray / Stainless Steel Rail	Z07 043	50 S 01 50 S 03 50 S 10 50 S 11		-
92	İspanyolet İlave Parçası / Extension Of Espagnolette	S01 037	1 Kanat İçin / For 1 Sash 1190 - 2690 mm = 0 adet 2691 - 3300 mm = 1 adet		-
93	Kol Seti / Handle Kit	K05 034			-
94	Maçalı Kol / Handle	K05 035			-
95	Havuzlu Kol / Pull Handle	K05 036			-
96	Kol Seti - Barelli / Handle Kit - Barrel	K05 037			-
97	Maçalı İç Kol - Barelli / Inside Handle - Barrel	K05 038			-
98	Maçalı Dış Kol - Barelli / Outside Handle - Barrel	K05 039			-
99	Kol Seti - Barelli - Paslanmaz / Handle Kit - Barrel - Stainless	K05 041			-
100	Kol Seti - Barelli - Paslanmaz / Handle Kit - Barrel - Stainless	K05 042			-

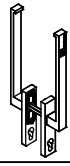
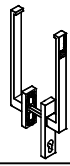
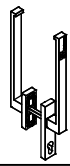
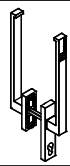
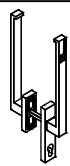
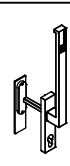
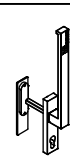
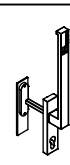
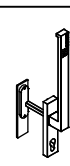
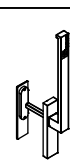
Aksesuar Listesi / List Of Accessories

No	Aksesuar / Accessory	Aksesuar Kodu Accessory Code	Kullanıldığı Profiller Used Profiles	İmalat Ölçüleri Dimensions For Assembling	Paket Miktarı Package Quantity
101	Maçalı Kol - Barelli - Paslanmaz / Handle - Barrel - Stainless	K05 043			-
102	Maçalı Kol - Barelli - Paslanmaz / Handle - Barrel - Stainless	K05 044			-
103	Maçalı Kol - Paslanmaz / Handle - Stainless	K05 045			-
104	Maçalı Kol - Paslanmaz / Handle - Stainless	K05 046			-
105	Havuzlu Kol - Paslanmaz / Pull Handle - Stainless	K05 047			-
106	Bodrum Kaldır Sür Kolu - Ham / Bodrum Lift Sliding Handle Mill Finished	BLSH 21001			-
107	Bodrum Kaldır Sür Kolu - CA000 / Bodrum Lift Sliding Handle - CA000	BLSH 21101			-
108	Bodrum Kaldır Sür Kolu - CA010 / Bodrum Lift Sliding Handle - CA010	BLSH 21201			-
109	Bodrum Kaldır Sür Kolu - CA050 / Bodrum Lift Sliding Handle - CA050	BLSH 21301			-
110	Bodrum Kaldır Sür Kolu Ham - Barelli / Bodrum Lift Sliding Handle Mill Finished - Barrel	BLSH 21011			-

Aksesuar Listesi / List Of Accessories

No	Aksesuar / Accessory	Aksesuar Kodu Accessory Code	Kullanıldığı Profiller Used Profiles	İmalat Ölçüleri Dimensions For Assembling	Paket Miktarı Package Quantity
111	Bodrum Kaldır Sür Kolu CA000 - Barelli / Bodrum Lift Sliding Handle CA000 - Barrel	BLSH 21111			-
112	Bodrum Kaldır Sür Kolu CA010 - Barelli / Bodrum Lift Sliding Handle CA010 - Barrel	BLSH 21211			-
113	Bodrum Kaldır Sür Kolu CA050 - Barelli / Bodrum Lift Sliding Handle CA050 - Barrel	BLSH 21311			-
114	Bodrum Kaldır Sür Havuzlu Kol Dış Kol - Ham Bodrum Lift Sliding Pull Handle Outside Handle - Mill Finished	BLSH 42001			-
115	Bodrum Kaldır Sür Havuzlu Kol Dış Kol - CA000 Bodrum Lift Sliding Pull Handle Outside Handle - CA000	BLSH 42101			-
116	Bodrum Kaldır Sür Havuzlu Kol Dış Kol - CA010 Bodrum Lift Sliding Pull Handle Outside Handle - CA010	BLSH 42201			-
117	Bodrum Kaldır Sür Havuzlu Kol Dış Kol - CA050 Bodrum Lift Sliding Pull Handle Outside Handle - CA050	BLSH 42301			-
118	Bodrum Kol Seti Ham - Barelli / Bodrum Handle Kit Mill Finished - Barrel	BLSH 9000			-
119	Bodrum Kol Seti CA000 - Barelli / Bodrum Handle Kit CA000 - Barrel	BLSH 9001			-
120	Bodrum Kol Seti CA010 - Barelli / Bodrum Handle Kit CA010 - Barrel	BLSH 9002			-

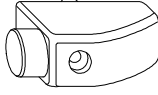
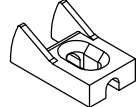
Aksesuar Listesi / List Of Accessories

No	Aksesuar / Accessory	Aksesuar Kodu Accessory Code	Kullanıldığı Profiller Used Profiles	İmalat Ölçüleri Dimensions For Assembling	Paket Miktarı Package Quantity
111	Bodrum Kol Seti CA050 - Barelli / Bodrum Handle Kit CA050 - Barrel	BLSH 9003			-
112	Bodrum Kol Seti - Ham / Bodrum Handle Kit - Mill Finished	BLSH 9010			-
113	Bodrum Kol Seti - CA000 / Bodrum Handle Kit - CA000	BLSH 9011			-
114	Bodrum Kol Seti - CA010 / Bodrum Handle Kit - CA010	BLSH 9012			-
115	Bodrum Kol Seti - CA050 / Bodrum Handle Kit - CA050	BLSH 9013			-
116	Bodrum Kol Seti - Ham / Bodrum Handle Kit - Mill Finished	BLSH 9020			-
117	Bodrum Kol Seti - CA000 / Bodrum Handle Kit - CA000	BLSH 9021			-
118	Bodrum Kol Seti - CA010 / Bodrum Handle Kit - CA010	BLSH 9022			-
119	Bodrum Kol Seti - CA050 / Bodrum Handle Kit - CA050	BLSH 9023			-
120	Bodrum Kol Seti - Ham / Bodrum Handle Kit - Mill Finished	BLSH 9030			-

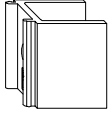
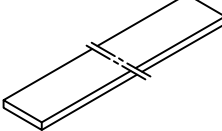
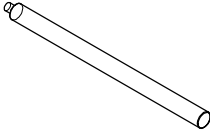
Aksesuar Listesi / List Of Accessories

No	Aksesuar / Accessory	Aksesuar Kodu Accessory Code	Kullanıldığı Profiller Used Profiles	İmalat Ölçüleri Dimensions For Assembling	Paket Miktarı Package Quantity
131	Bodrum Kol Seti - CA000 / Bodrum Handle Kit - CA000	BLSH 9031			-
132	Bodrum Kol Seti - CA010 / Bodrum Handle Kit - CA010	BLSH 9032			-
133	Bodrum Kol Seti - CA050 / Bodrum Handle Kit - CA050	BLSH 9033			-
134	Vidalı Perçin Somun - M5 / Screw Rivet - M5 Not : Tek taraflı kol kullanımlarında 2 adet kullanılacaktır. / Note : 2 pieces will be used for one-sided handle use.	Z08 284	BLSH 21001 BLSH 21101 BLSH 21201 BLSH 21301 BLSH 21011 BLSH 21111 BLSH 21211 BLSH 21311		-
135	Barel - 35x10x5 (50 mm) / Barrel - 35x10x5 (50 mm)	B01 011			-
136	Barel - 35x10x35 (80 mm) / Barrel - 35x10x35 (80 mm)	B01 012			-
137	Araba Seti - 200 kg / Bogie Kit - 200 kg	E01 011			-
138	Araba Seti - 300-400 kg / Bogie Kit - 300-400 kg	E01 014			-
139	Üst Karşılık / Top Locking	S05 026	1190 - 1790 mm = 1 adet 1791 - 2290 mm = 2 adet 2291 - 2690 mm = 3 adet 2691 - 2990 mm = 3 adet 2991 - 3300 mm = 4 adet		-
140	Alt Karşılık / Bottom Locking	S05 027	1190 - 1790 mm = 1 adet 1791 - 2290 mm = 1 adet 2291 - 2690 mm = 1 adet 2691 - 2990 mm = 1 adet 2991 - 3300 mm = 1 adet		-

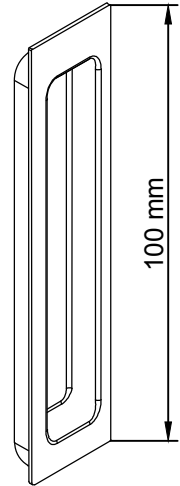
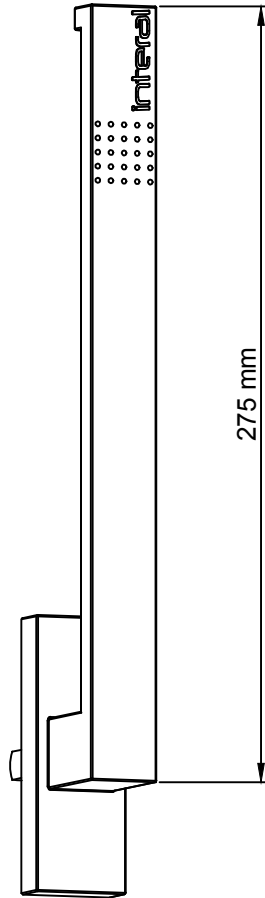
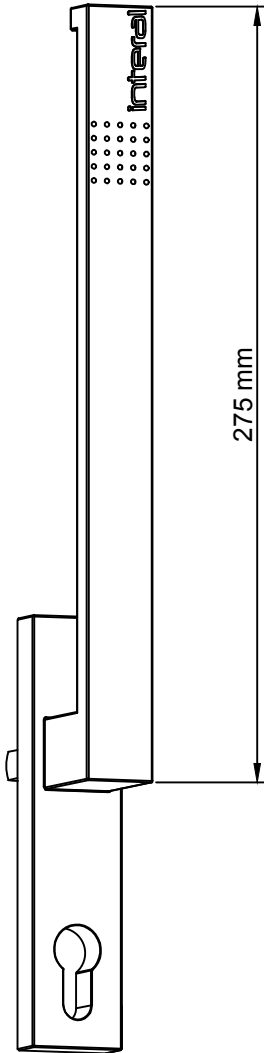
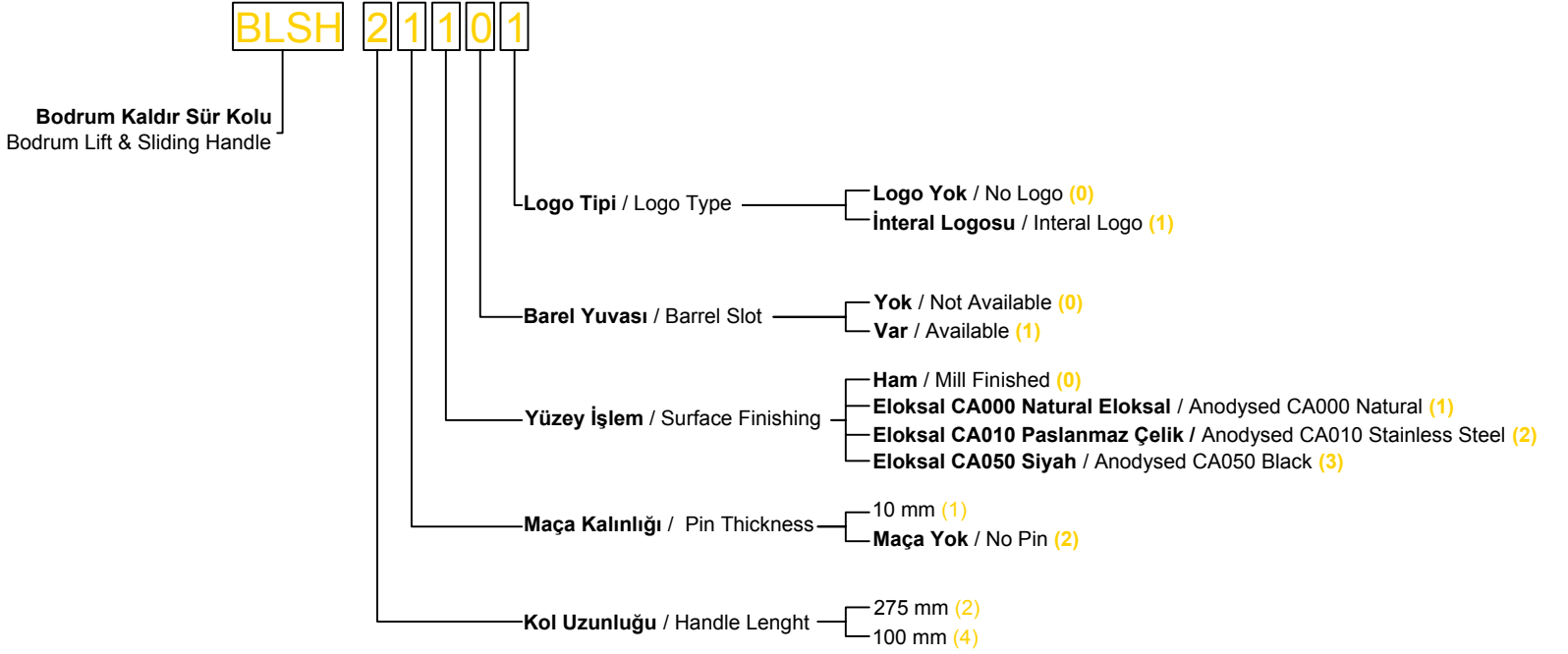
Aksesuar Listesi / List Of Accessories

No	Aksesuar / Accessory	Aksesuar Kodu Accessory Code	Kullanıldığı Profiller Used Profiles	İmalat Ölçüleri Dimensions For Assembling	Paket Miktarı Package Quantity
141	Araba Montaj Seti / Bogie Assembly Kit 1 Kanat İçin / For 1 Sash	S05 028	Kanatta 1 Adet 1 Piece in the Sash		-
142	Stoper / Stopper	S11 008	Kanatta 2 Adet 2 Piece in the Sash		-
143	Stoper / Stopper Tip D / Type D	S11 014	Kasada 1 Adet 1 Piece in the Frame		-
144	Alt Kilitleme Parçası / Bottom Locking Tip C / Type C	G848272	Kasada 1 Adet 1 Piece in the Frame		-
145	Vidalı Perçin Somun - M5 / Screw Rivet - M5 Not : Tek taraflı kol kullanımlarında 2 adet kullanılacaktır. / Note : 2 pieces will be used for one-sided handle use.	VP 50 12	K05 034 K05 035 K05 038 K05 039		-
146	Vida M6x20 / Screw M6x20 Tip C / Type C	G848289	G848272		-
147	Vida M5x40 / Screw M5x40	VX 05 40	Kanatta 2 Adet 2 Piece in the Sash		-
148	Vida M5x60 / Screw M5x60	VX 05 60	Kanatta 2 Adet 2 Piece in the Sash		-
149	Setskur M3x8 / Set Screw M3x8	V0 03 08			-
150	Setskur M5x10 / Set Screw M5x10	V0 50 10			-

Aksesuar Listesi / List Of Accessories

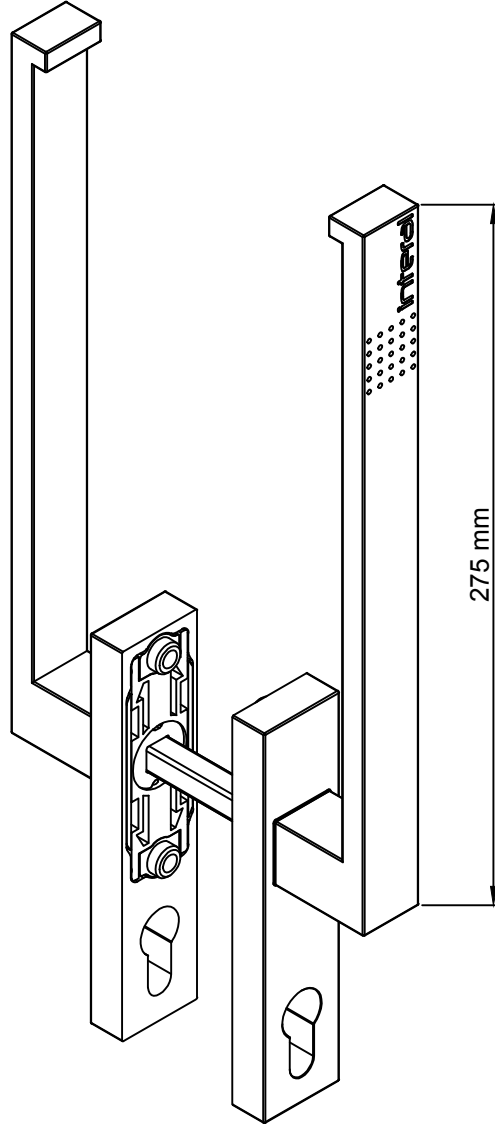
No	Aksesuar / Accessory	Aksesuar Kodu Accessory Code	Kullanıldığı Profiller Used Profiles	İmalat Ölçüleri Dimensions For Assembling	Paket Miktarı Package Quantity
151	Setskur M5x16 / Set Screw M5x16	V0 50 16-S			-
152	Vida 35x13 - YSB / Screw 35x13 Tip C / Type C	V2 35 13			-
153	Vida 6,3x38 - YSB / Screw 6,3x38 Tip C / Type C	V2 63 38	Kasada 1 Adet 1 Piece in the Frame		-
154	Vida 4,8x70 - YHB / Screw 4,8x70 Tip D / Type D	V1 48 70	S11 014		-
155	Besleme Parçası - 9 mm / Feed Piece - 9 mm	Z05 042	Kanatta 8 Adet 8 Piece in the Sash		-
156	Besleme Parçası - 9 mm / Feed Piece - 9 mm	Z05 043	Kanatta 1 Adet 1 Piece in the Sash		-
157	Paslanmaz Lama Profili / Flat Steel Profile (25x1x220 mm)	Z08 195			-
158	Pim - Ø5 x 12 mm / Pin - Ø5 x 12 mm	Z09 005			-
159	Pim Çakma Aparatı / Pin Punching Tool	Z09 010			-
160					

Kol Kombinasyonu / Handle Combination



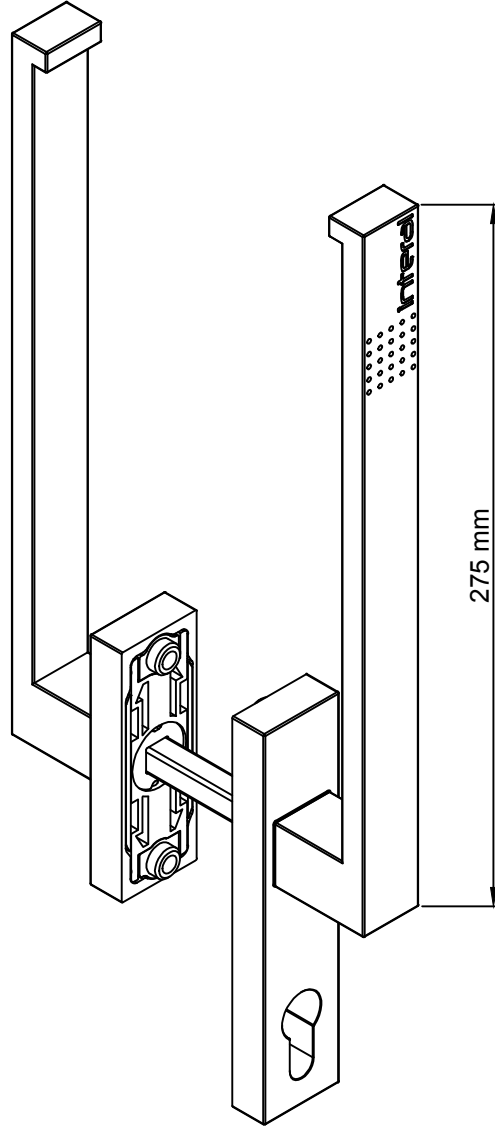
Kol Kombinasyonu / Handle Combination

BLSH 9001

Bodrum Kaldır Sür Kolu
Bodrum Lift & Sliding Handle**Yüzey İşlem /**
Surface Finishing**Ham / Mill Finished (0)****Eloksal CA000 Natural Eloksal / Anodysed CA000 Natural (1)****Eloksal CA010 Paslanmaz Çelik / Anodysed CA010 Stainless Steel (2)****Eloksal CA050 Siyah / Anodysed CA050 Black (3)**

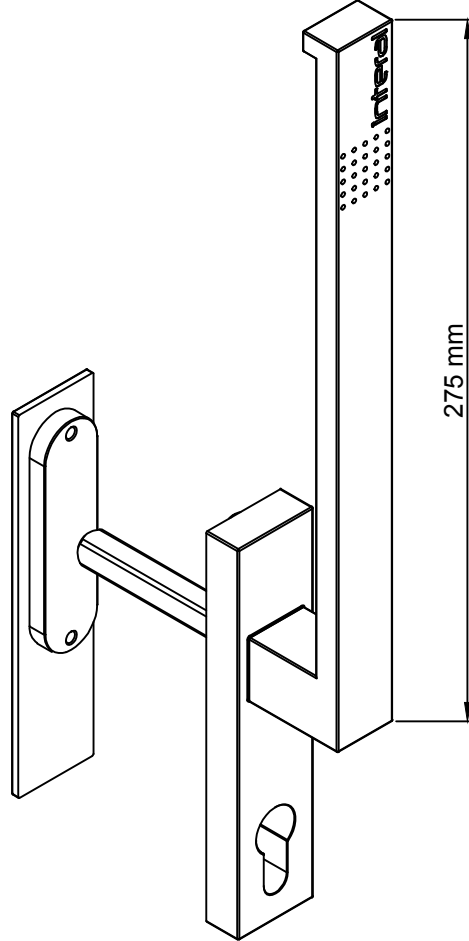
Kol Kombinasyonu / Handle Combination

BLSH 9011

Bodrum Kaldır Sür Kolu
Bodrum Lift & Sliding Handle**Yüzey İşlem /**
Surface Finishing**Ham / Mill Finished (0)****Eloksal CA000 Natural Eloksal / Anodysed CA000 Natural (1)****Eloksal CA010 Paslanmaz Çelik / Anodysed CA010 Stainless Steel (2)****Eloksal CA050 Siyah / Anodysed CA050 Black (3)**

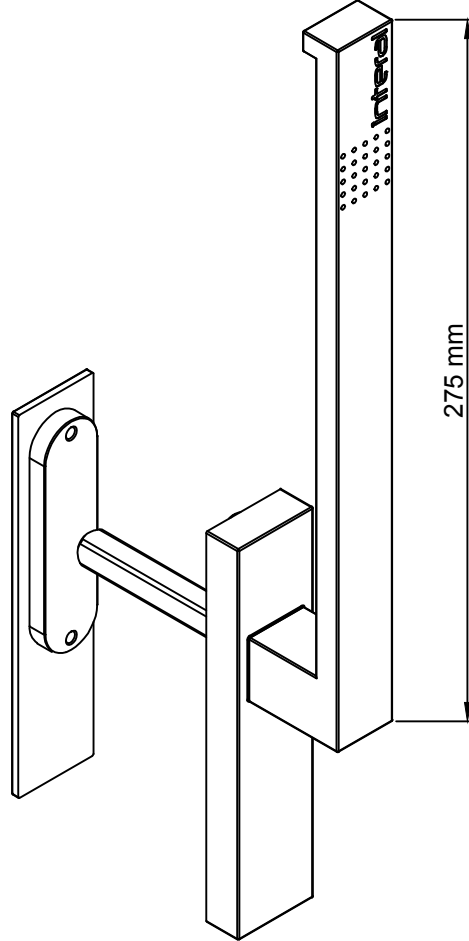
Kol Kombinasyonu / Handle Combination

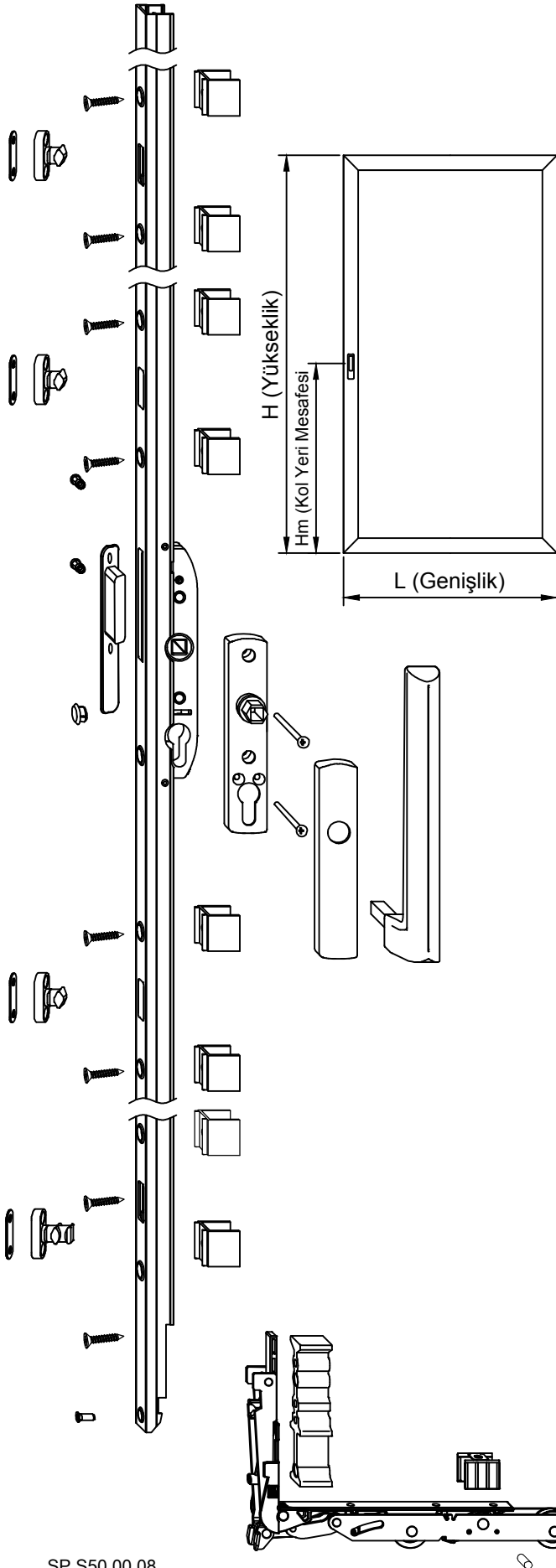
BLSH 9021

Bodrum Kaldır Sür Kolu
Bodrum Lift & Sliding Handle**Yüzey İşlem /**
Surface Finishing**Ham / Mill Finished (0)****Eloksal CA000 Natural Eloksal / Anodysed CA000 Natural (1)****Eloksal CA010 Paslanmaz Çelik / Anodysed CA010 Stainless Steel (2)****Eloksal CA050 Siyah / Anodysed CA050 Black (3)**

Kol Kombinasyonu / Handle Combination

BLSH 9031

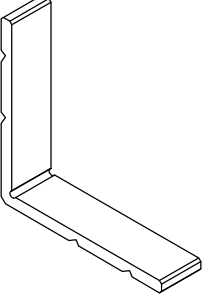
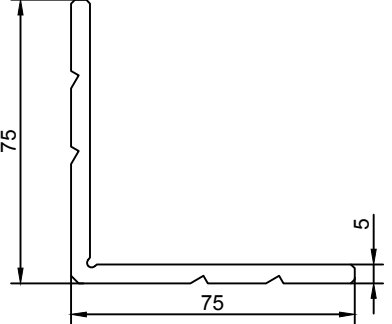
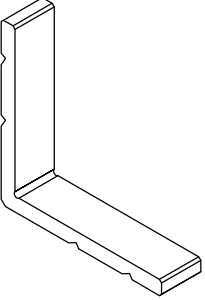
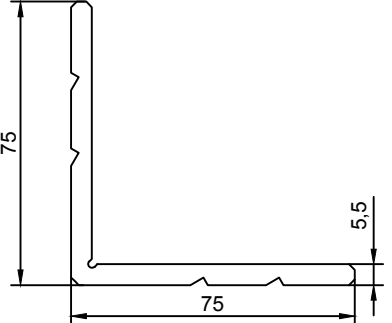
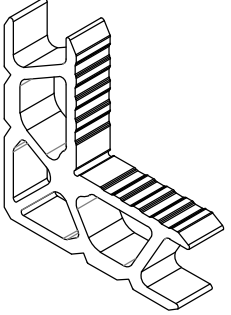
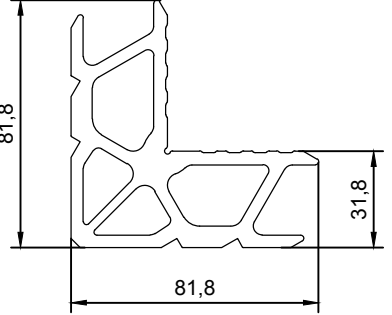
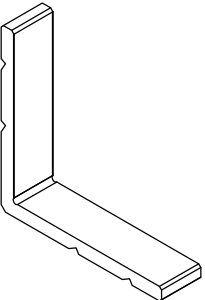
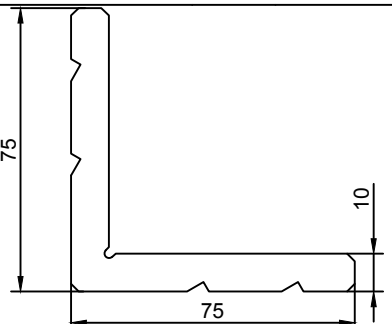
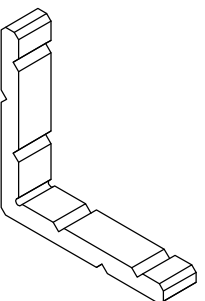
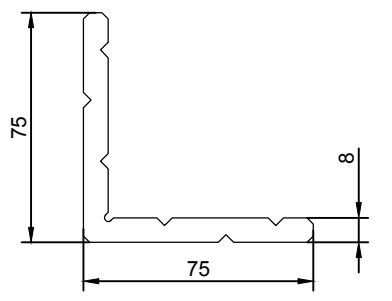
Bodrum Kaldır Sür Kolu
Bodrum Lift & Sliding Handle**Yüzey İşlem /**
Surface Finishing**Ham / Mill Finished (0)****Eloksal CA000 Natural Eloksal / Anodysed CA000 Natural (1)****Eloksal CA010 Paslanmaz Çelik / Anodysed CA010 Stainless Steel (2)****Eloksal CA050 Siyah / Anodysed CA050 Black (3)**

Montaj Talimatı / Assembly Instruction
İspanyolet Mekanizması / Espagnolette Mechanism

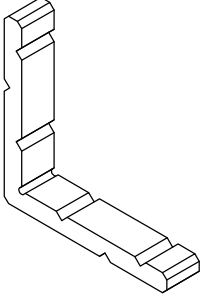
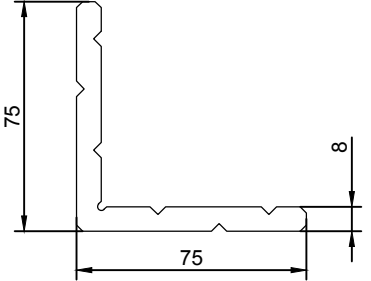
KOD	KULLANIM ARALIĞI	ADET	KOL YERİ MESAFESİ
S01 017	H=1190-1790 mm	1	Hm=1005 mm
S01 018	H=1791-2290 mm	1	Hm=1005 mm
S01 036	H=2291-2690 mm	1	Hm=1005 mm
S01 037	H=2691-3300 mm	1	
S15 002	L=590-1450 mm	1	
S15 003	L=1451-1950 mm	1	
S15 004	L=1951-2450 mm	1	
S15 005	L=2451-2485 mm	1	
E01 011	Kanat =200 KG	2	
E01 014	Kanat =300-400 KG	2	
S05 026	Üst Karşılık	1190 - 1790 mm = 1 adet 1791 - 2290 mm = 2 adet 2291 - 2690 mm = 3 adet 2691 - 2990 mm = 3 adet 2991 - 3300 mm = 4 adet	
S05 027	Alt Karşılık	1190 - 1790 mm = 1 adet 1791 - 2290 mm = 1 adet 2291 - 2690 mm = 1 adet 2691 - 2990 mm = 1 adet 2991 - 3300 mm = 1 adet	
Z05 042	Besleme Parçası	8	
Z05 043	Besleme Parçası	1	
VP 50 12	Perçin Somun	2	
S05 028	Araba Montaj Seti	1	
K05 034	Kol Seti		
K05 035	Maçalı Kol		
K05 036	Havuzlu Kol		
K05 037	Kol Seti (Barelli)		
K05 038	Maçalı İç Kol (Barelli)		
K05 039	Maçalı Dış Kol (Barelli)		

6 KÖŞE TAKOZLARI CORNER CLEATS

Köşe Takoza Listesi / List of the Corner Cleats

No	Köşe Takoza Corner Cleat	Köşe Takoza Kodu Corner Cleat Code	Kullanıldığı Profiller Profiles Which is Used in	İmalat Ölçüleri Dimensions For Assembling
1		3081	50 S 10 (23,5 mm) 50 S 10 (34,5 mm)	
2		3086	50 S 39 (9,5 mm)	
3		3092	50 S 20 (8,5 mm)	
4		3093	50 S 10 (8,5 mm) 50 S 10 (19,5 mm)	
5		3095	50 S 01 (49 mm) 50 S 03 (8,5 mm) 50 S 03 (44 mm) 50 S 07 (32,5 mm) 50 S 07 (49 mm) 50 S 13 (49 mm) 50 S 14 (49 mm) 50 S 18 (32,5 mm) 50 S 18 (49 mm) 50 S 111 (49 mm)	

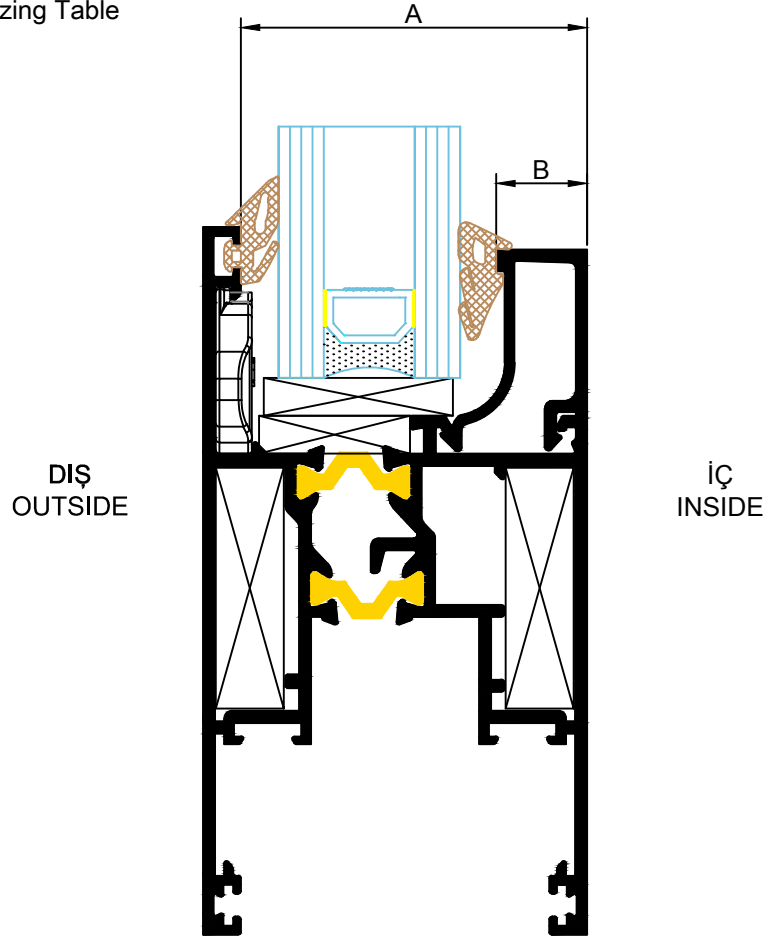
Köşe Takoğu Listesi / List of the Corner Cleats

No	Köşe Takoğu Corner Cleat	Köşe Takoğu Kodu Corner Cleat Code	Kullanıldığı Profiller Profiles Which is Used in	İmalat Ölçüleri Dimensions For Assembling
6		3095	50 S 06 (49 mm) 50 S 06 (27 mm) 50 S 06 (20 mm) 50 S 08 (49 mm) 50 S 08 (11 mm) 50 S 08 (20 mm) 50 S 13 (49 mm) 50 S 14 (49 mm) 50 S 119 (8,5 mm) 50 S 119 (44 mm)	

7

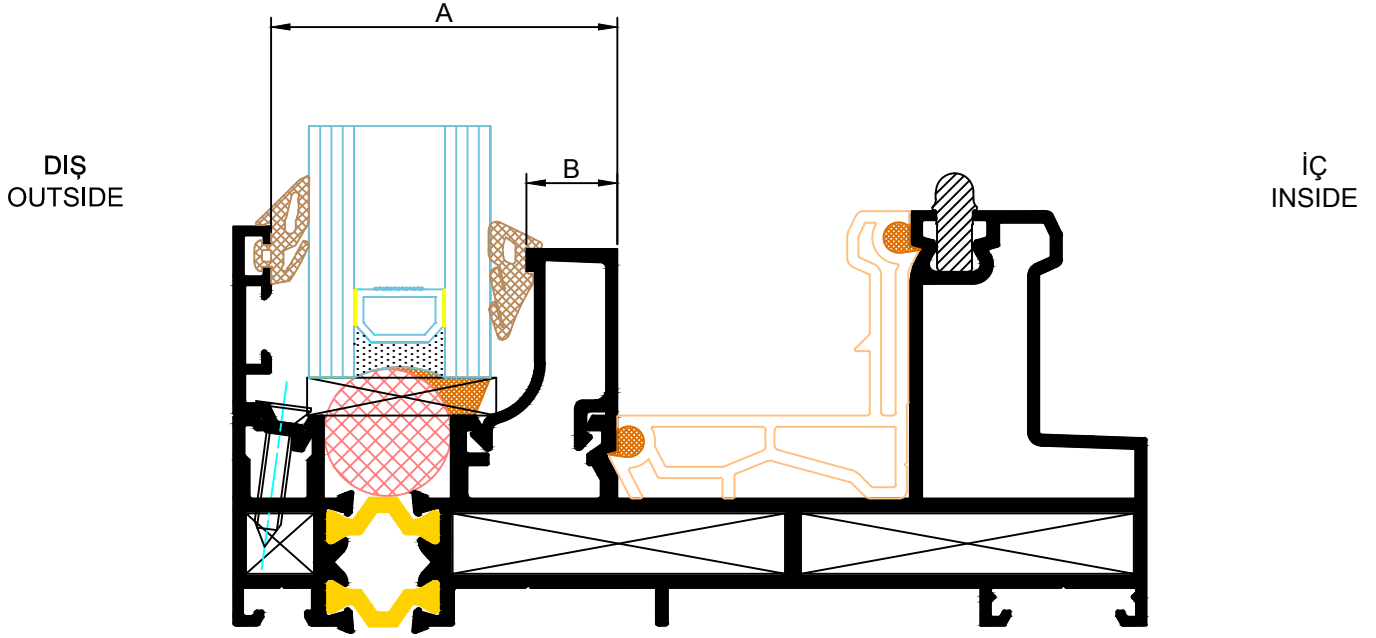
CAMLAMA TABLOSU GLAZING TABLE

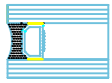
Camlama Tablosu / Glazing Table



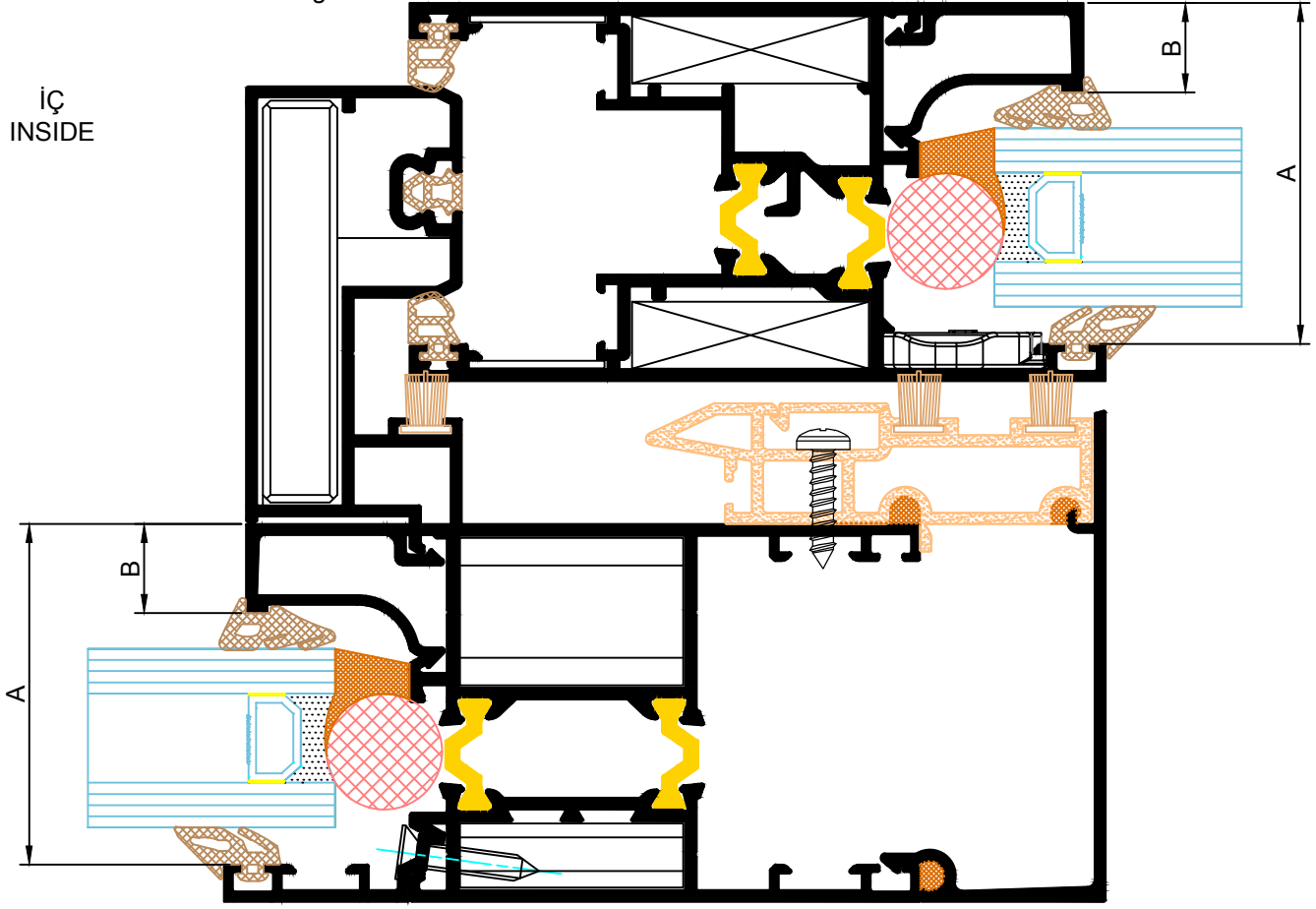
KANAT PROFİLİ / SASH PROFILE				
A = 46 mm				
Montaj Yüksekliği / Construction Depth				
Cam (Glass)	Cam Çıtası (Glazing Bead)	B(mm)	İç Cam Fitili (Inside Glazing Gasket)	Dış Cam Fitili (Outside Glazing Gasket)
20	3109	18	MN201(5mm)	F02 018 (3mm)
22	3108	15	40D05 (4mm)	F02 016 (5mm)
24	2606	12	MN201(5mm)	F02 016 (5mm)
26	2606	12	MN201(5mm)	F02 018 (3mm)
28	3145	9	40D05 (4mm)	F02 016 (5mm)
30	3144	6	MN201(5mm)	F02 016 (5mm)
32	3144	6	MN201(5mm)	F02 018 (3mm)
34	3144	6	40D03 (3mm)	F02 018 (3mm)

Camlama Tablosu / Glazing Table



DİŞTA SABİTLİ KASA PROFİLİ / OUTSIDE FIXED FRAME PROFILE				
A = 46 mm				
Montaj Yüksekliği / Construction Depth				
				
Cam (Glass)	Cam Çıtası (Glazing Bead)	B(mm)	İç Cam Fitili (Inside Glazing Gasket)	Dış Cam Fitili (Outside Glazing Gasket)
20	3109	18	MN201(5mm)	F02 018 (3mm)
22	3108	15	40D05 (4mm)	F02 016 (5mm)
24	2606	12	MN201(5mm)	F02 016 (5mm)
26	2606	12	MN201(5mm)	F02 018 (3mm)
28	3145	9	40D05 (4mm)	F02 016 (5mm)
30	3144	6	MN201(5mm)	F02 016 (5mm)
32	3144	6	MN201(5mm)	F02 018 (3mm)
34	3144	6	40D03 (3mm)	F02 018 (3mm)

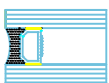
Camlama Tablosu / Glazing Table

İÇ
INSIDEDİŞ
OUTSIDE

ADAPTÖR PROFİLİ / ADAPTER PROFILE

A = 46 mm

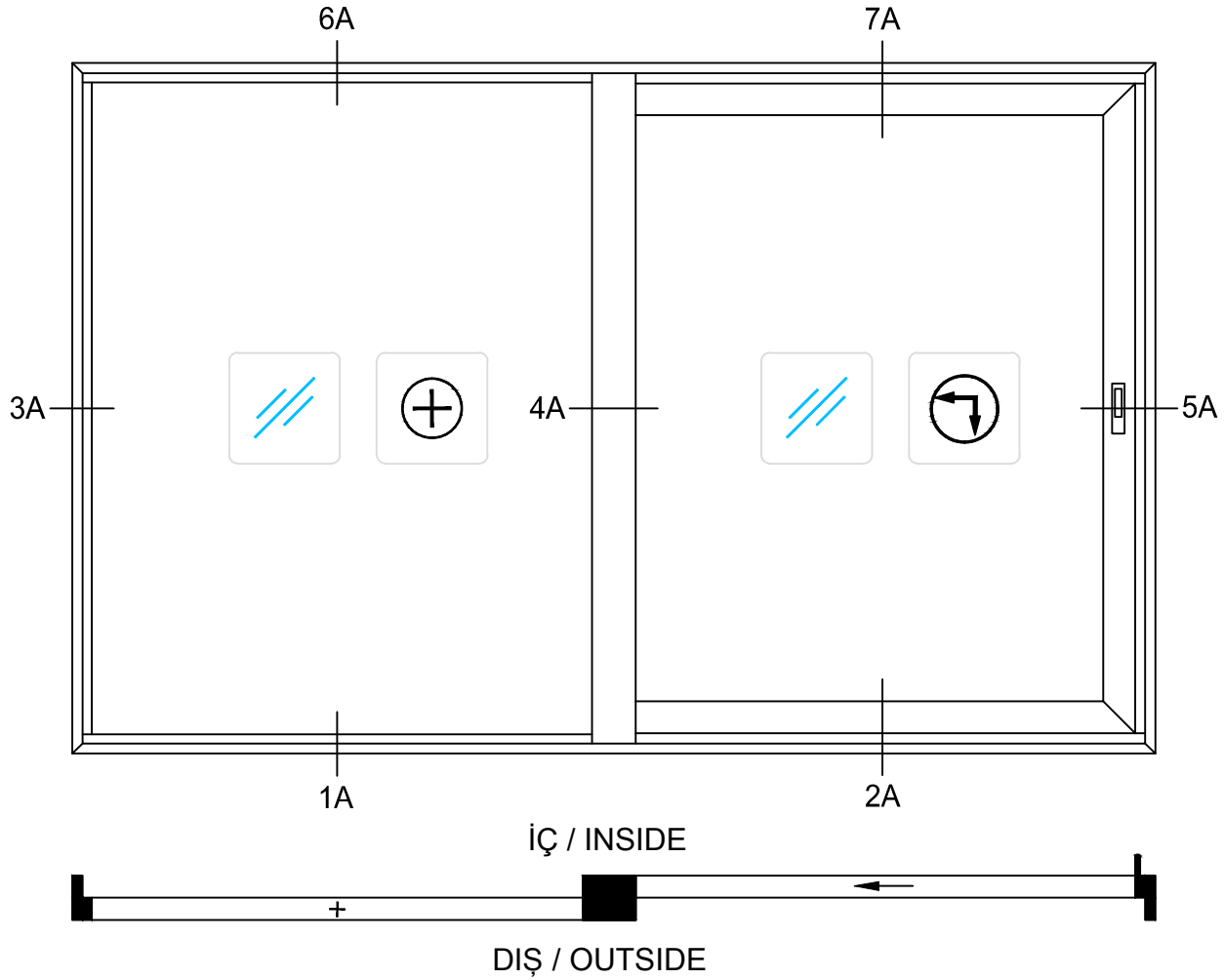
Montaj Yüksekliği / Construction Depth

				
Cam (Glass)	Cam Çıtası (Glazing Bead)	B(mm)	İç Cam Fitili (Inside Glazing Gasket)	Dış Cam Fitili (Outside Glazing Gasket)
20	3109	18	MN201(5mm)	F02 018 (3mm)
22	3108	15	40D05 (4mm)	F02 016 (5mm)
24	2606	12	MN201(5mm)	F02 016 (5mm)
26	2606	12	MN201(5mm)	F02 018 (3mm)
28	3145	9	40D05 (4mm)	F02 016 (5mm)
30	3144	6	MN201(5mm)	F02 016 (5mm)
32	3144	6	MN201(5mm)	F02 018 (3mm)

8

DETAYLAR
DETAILS

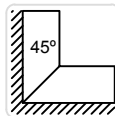
TİP A DIŞTA SABİTLİ / TYPE A OUTSIDE FIXED



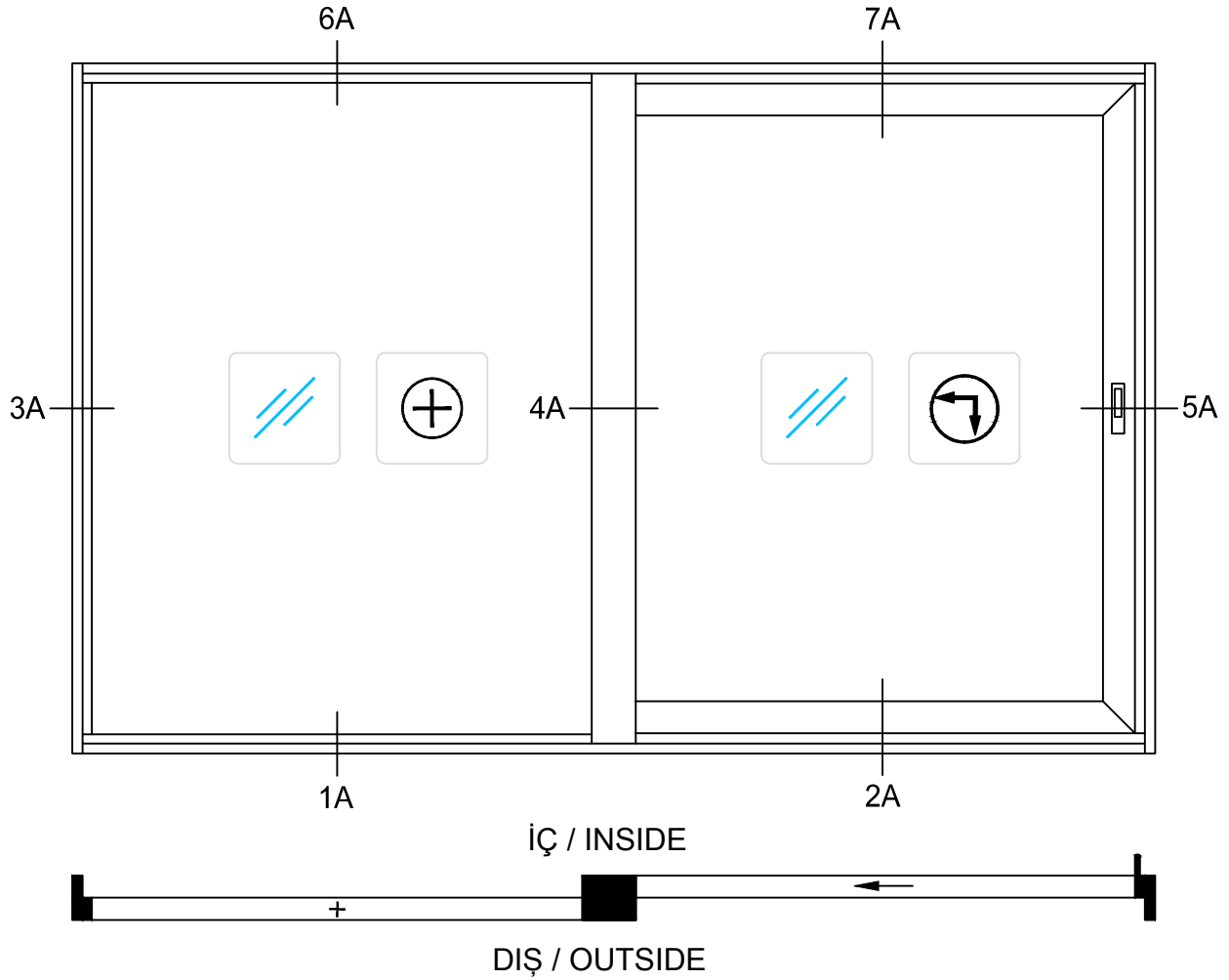
S50 Tip A Dışta sabitli kasa detayları yukarıdaki gibi numaralandırılmıştır.
S50 Type A Outside fixed frame details are numbered as above.

Detay 1A için bk. Sayfa 8/1-1
Detay 2A için bk. Sayfa 8/1-2
Detay 3A için bk. Sayfa 8/1-3
Detay 4A için bk. Sayfa 8/1-4
Detay 5A için bk. Sayfa 8/1-6
Detay 6A için bk. Sayfa 8/1-8
Detay 7A için bk. Sayfa 8/1-9

For details 1A see. Page 8/1-1
For details 2A see. Page 8/1-2
For details 3A see. Page 8/1-3
For details 4A see. Page 8/1-4
For details 5A see. Page 8/1-6
For details 6A see. Page 8/1-8
For details 7A see. Page 8/1-9



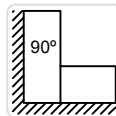
TİP A DIŞTA SABİTLİ / TYPE A OUTSIDE FIXED



S50 Tip A Dışta sabitli kasa detayları yukarıdaki gibi numaralandırılmıştır.
S50 Type A Outside fixed frame details are numbered as above.

Detay 1A için bk. Sayfa 8/1-10
Detay 2A için bk. Sayfa 8/1-11
Detay 3A için bk. Sayfa 8/1-12
Detay 4A için bk. Sayfa 8/1-4
Detay 5A için bk. Sayfa 8/1-13
Detay 6A için bk. Sayfa 8/1-15
Detay 7A için bk. Sayfa 8/1-16

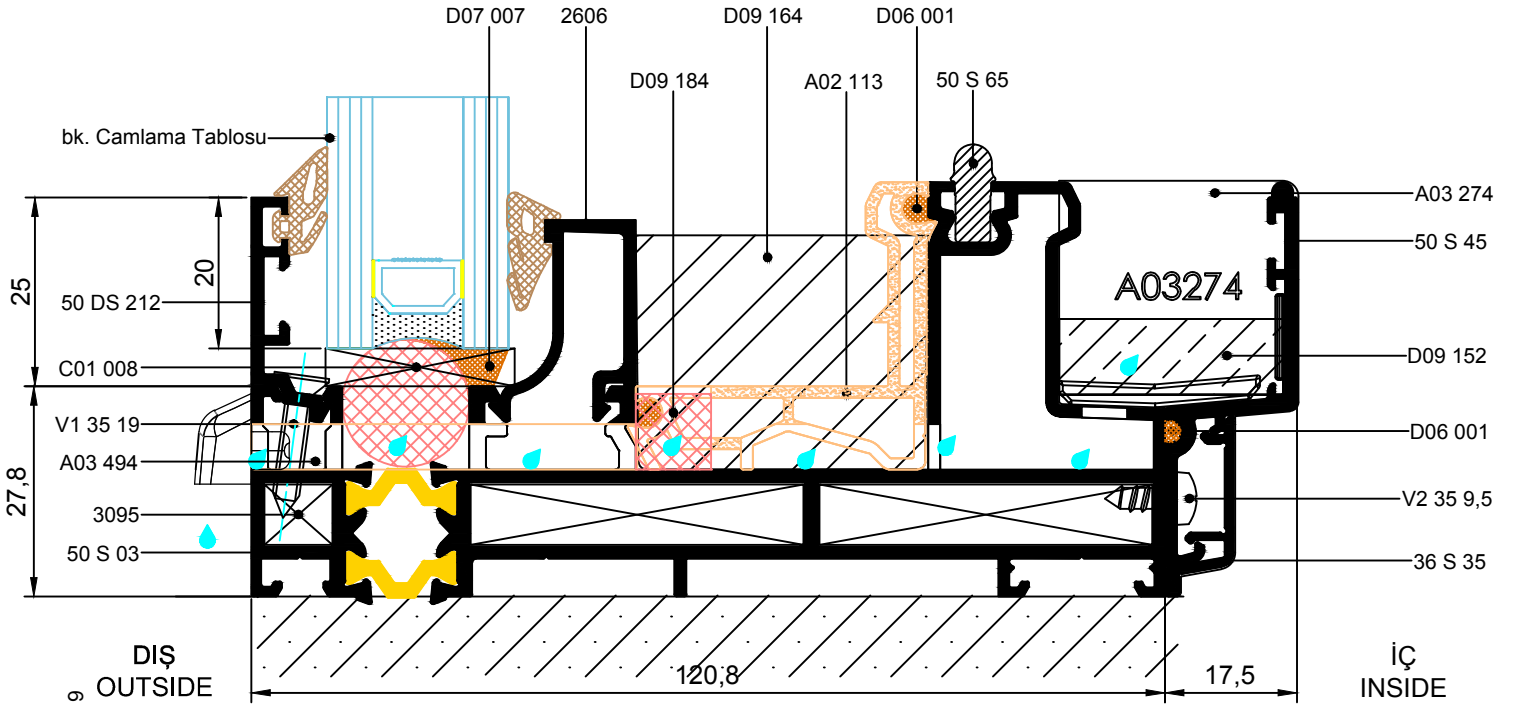
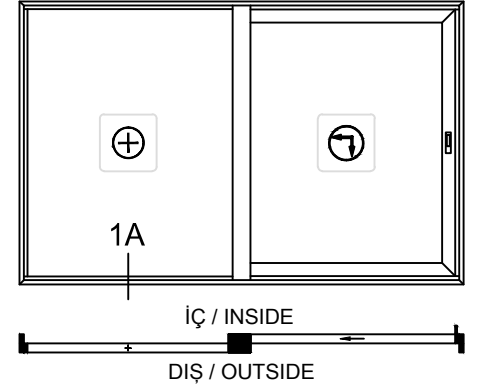
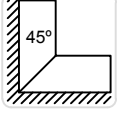
For details 1A see. Page 8/1-10
For details 2A see. Page 8/1-11
For details 3A see. Page 8/1-12
For details 4A see. Page 8/1-4
For details 5A see. Page 8/1-13
For details 6A see. Page 8/1-15
For details 7A see. Page 8/1-16



Detay Çizimleri / Detail Drawings

Uygulama Tip A Dışta Sabitli Kasa / Application Type A Outside Fixed Frame

Detay / Detail 1A



HAZİRAN / JUNE 2019

8/1-1

Ölçek Scale: 1/1

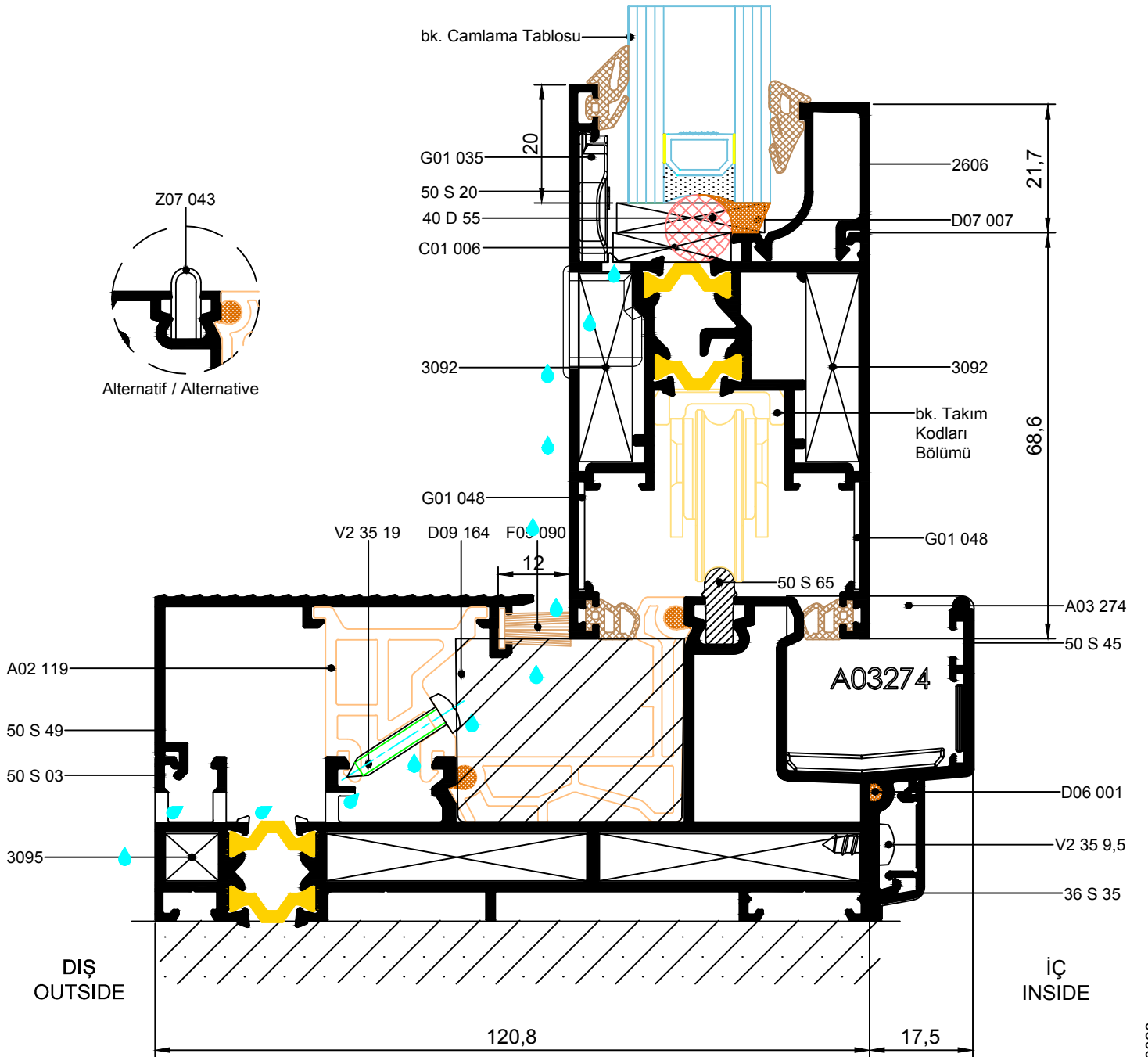
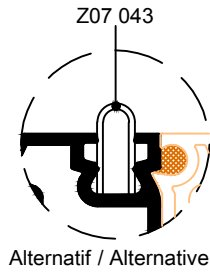
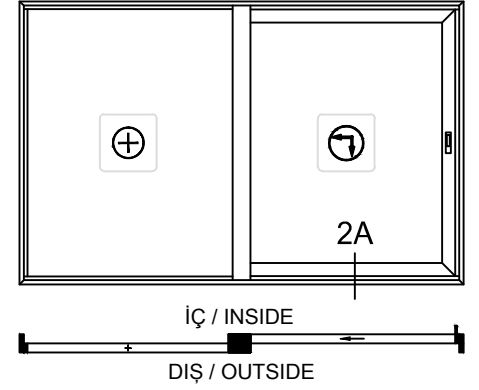
ÇUHADAROĞLU

SP.S50.00.08

Detay Çizimleri / Detail Drawings

Uygulama Tip A Dışta Sabitli Kasa / Application Type A Outside Fixed Frame

Detay / Detail 2A



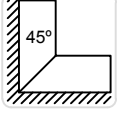
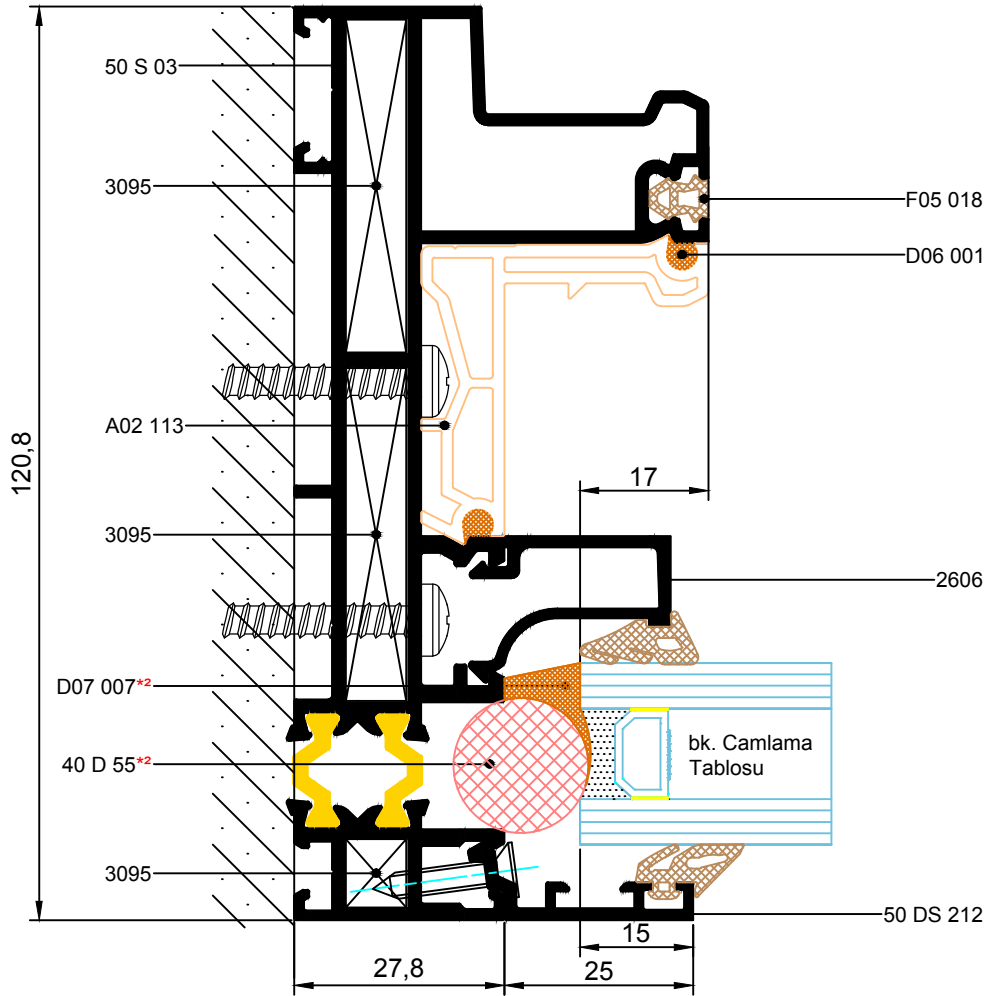
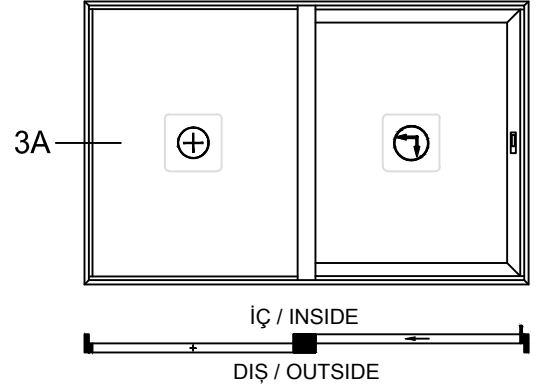
Ölçek Scale: 1/1

ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings

Uygulama Tip A Dışta Sabitli Kasa / Application Type A Outside Fixed Frame

Detay / Detail 3A

İÇ
INSIDEDIŞ
OUTSIDE

Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

Ölçek Scale: 1/1

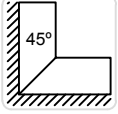
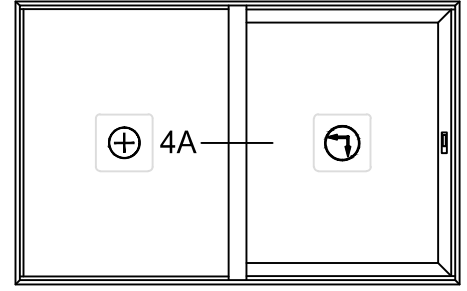
ÇUHADAROĞLU

SP.S50.00.08

Detay Çizimleri / Detail Drawings

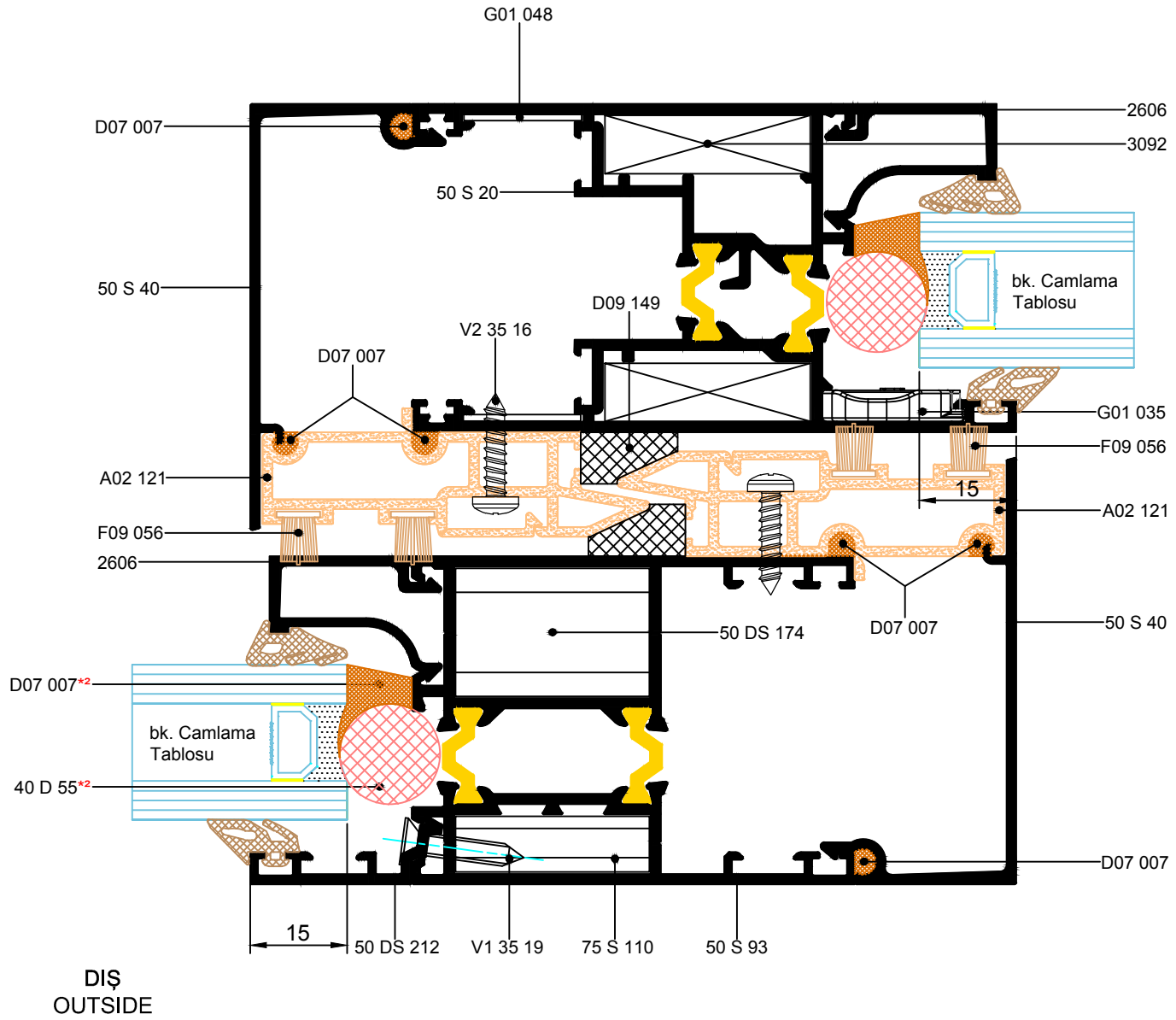
Uygulama Tip A Dışta Sabitli Kasa / Application Type A Outside Fixed Frame

Detay / Detail 4A

İÇ
INSIDE

İÇ / INSIDE

DİŞ / OUTSIDE

DİŞ
OUTSIDE

Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

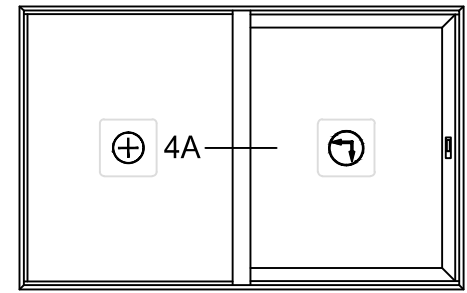
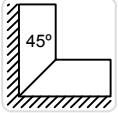
Ölçek Scale: 1/1

ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings

Uygulama Tip A Dışta Sabitli Kasa / Application Type A Outside Fixed Frame

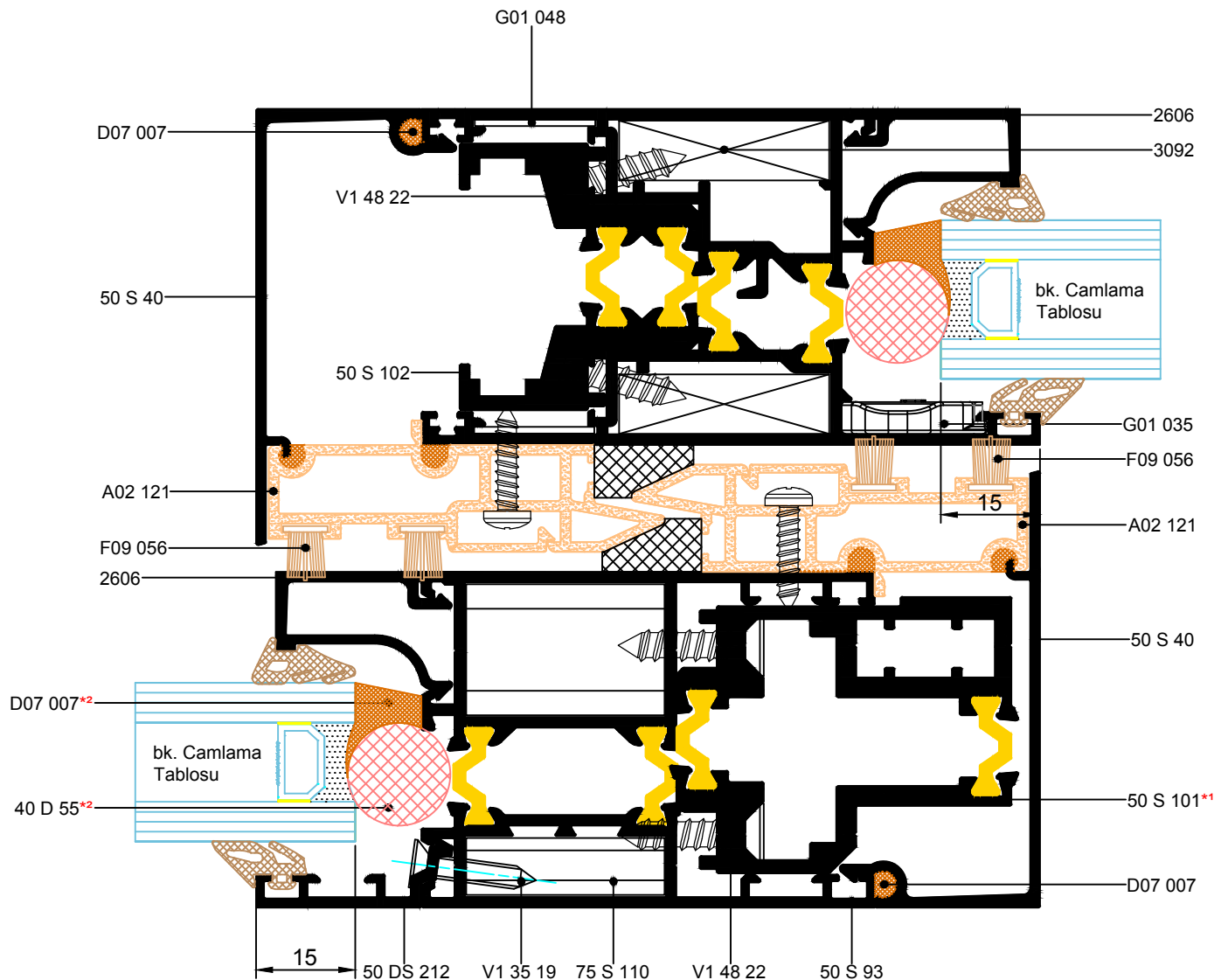
Alternatif Detay / Alternative Detail 4A



İÇ / INSIDE

DIŞ / OUTSIDE

İÇ
INSIDE



DIŞ
OUTSIDE

Not: *1 İlgili ürünlerin temin süreleri standart temin süreleri dışında olup, temasa geçilmesi önem taşımaktadır.

Note: ^{*1} Supply periods of related products are out of the standard supply periods and it is important to contact the bases.

Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

Note: ^{*2} Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

MAYIS / MAY 2020

8/1-5

Ölçek Scale: 1/1

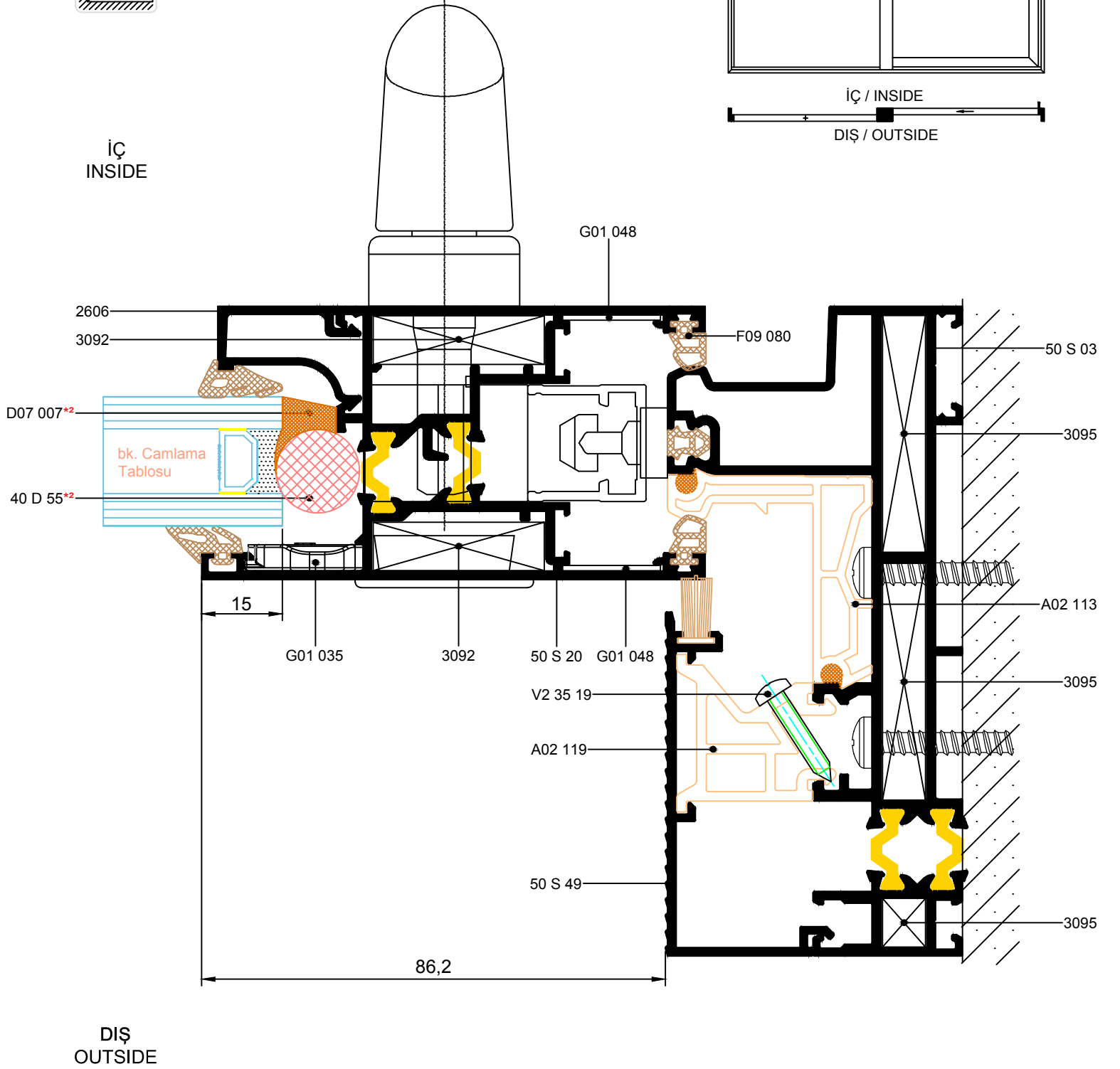
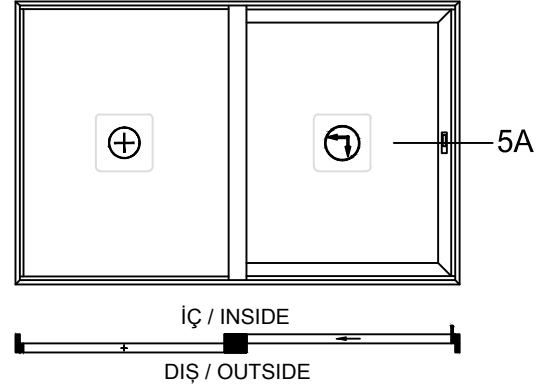
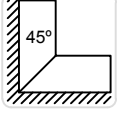
CUHADAROĞLU

SP.S50.00.08

Detay Çizimleri / Detail Drawings

Uygulama Tip A Dışta Sabitli Kasa / Application Type A Outside Fixed Frame

Detay / Detail 5A

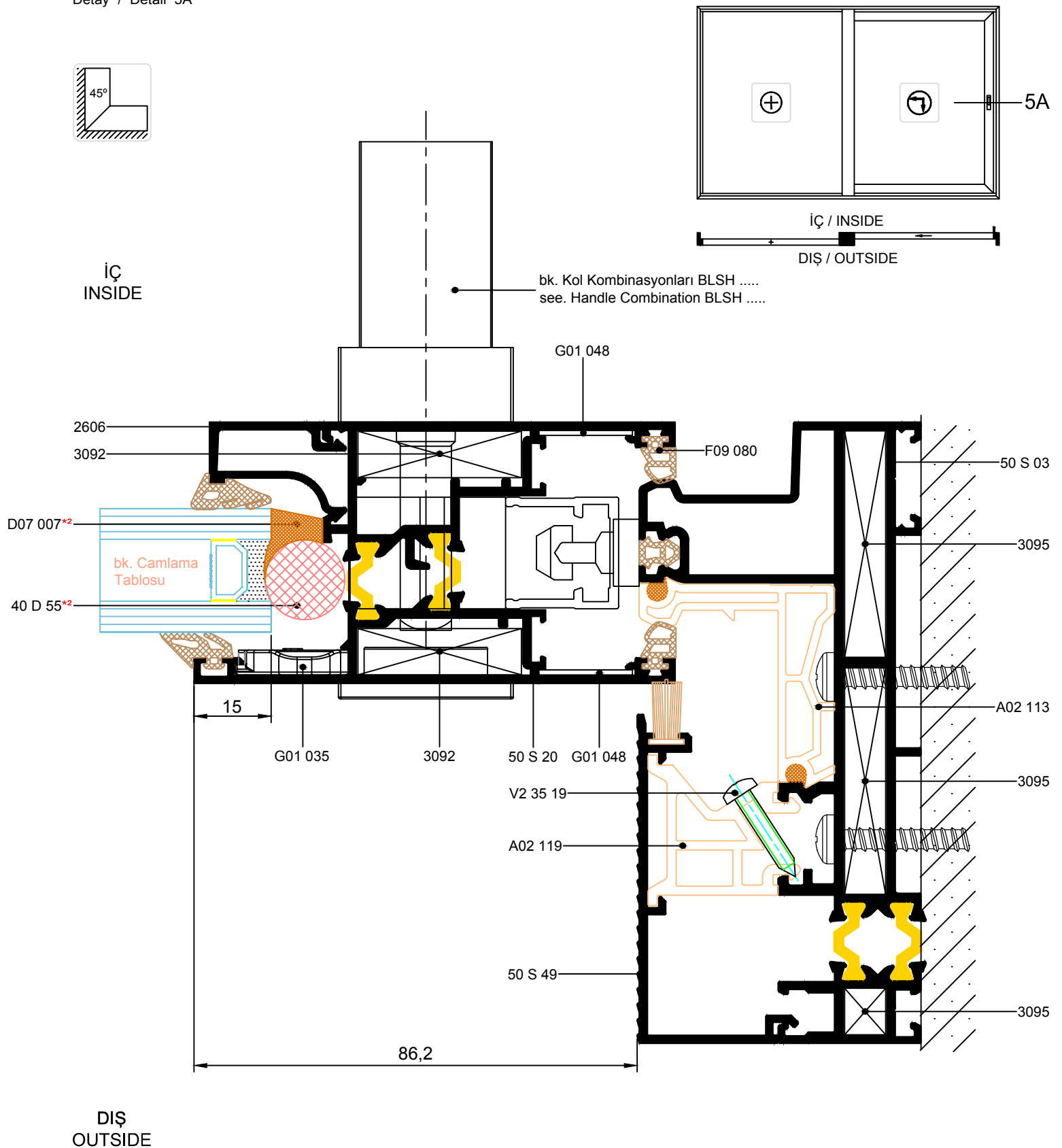
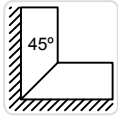


Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

Ölçek Scale: 1/1

Detay Çizimleri / Detail Drawings
Alternatif Kol Detayı / Alternative Handle Detail
Detay / Detail 5A



Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.
Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

Ölçek Scale: 1/1

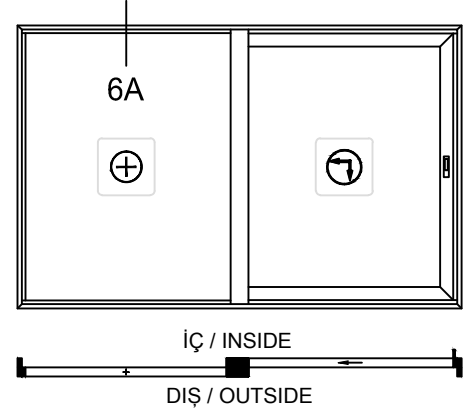
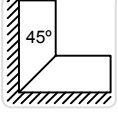
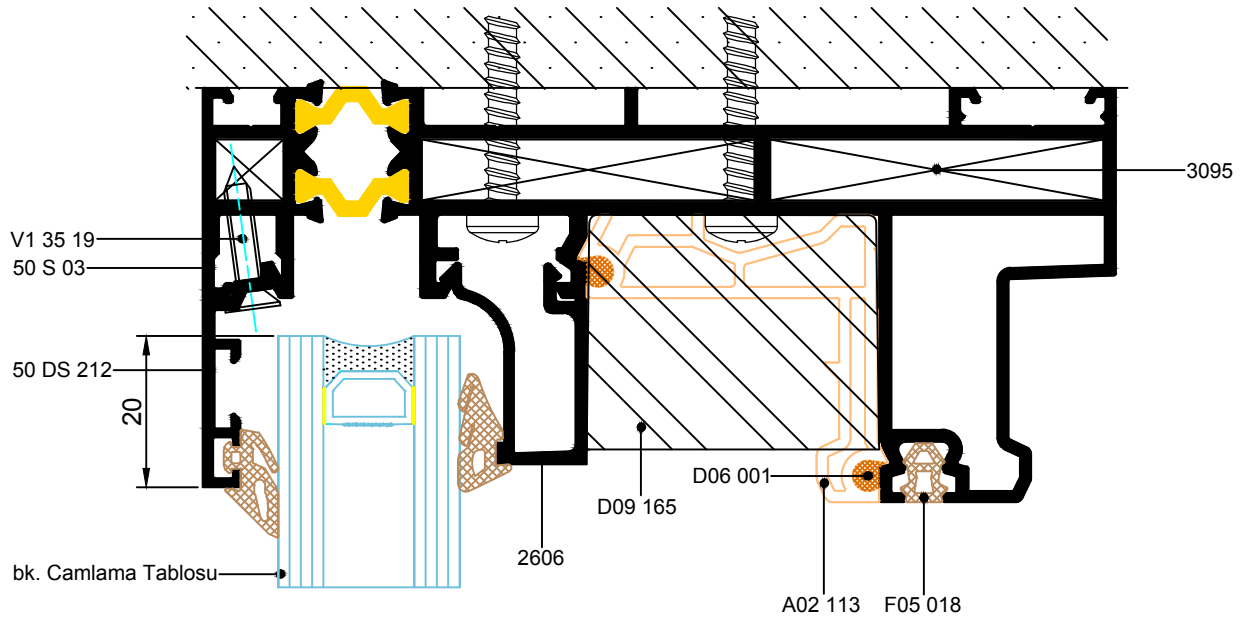
ÇUHADAROĞLU

SP.S50.00.08

Detay Çizimleri / Detail Drawings

Uygulama Tip A Dışta Sabitli Kasa / Application Type A Outside Fixed Frame

Detay / Detail 6A

DIŞ
OUTSIDEİÇ
INSIDE

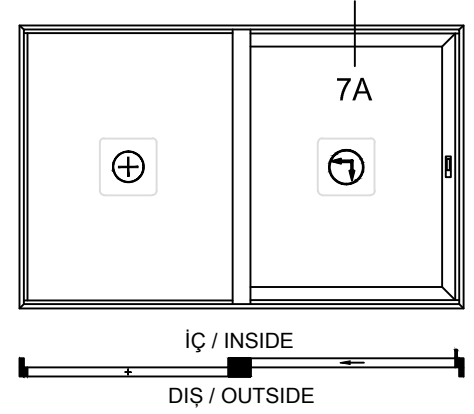
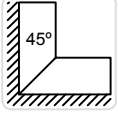
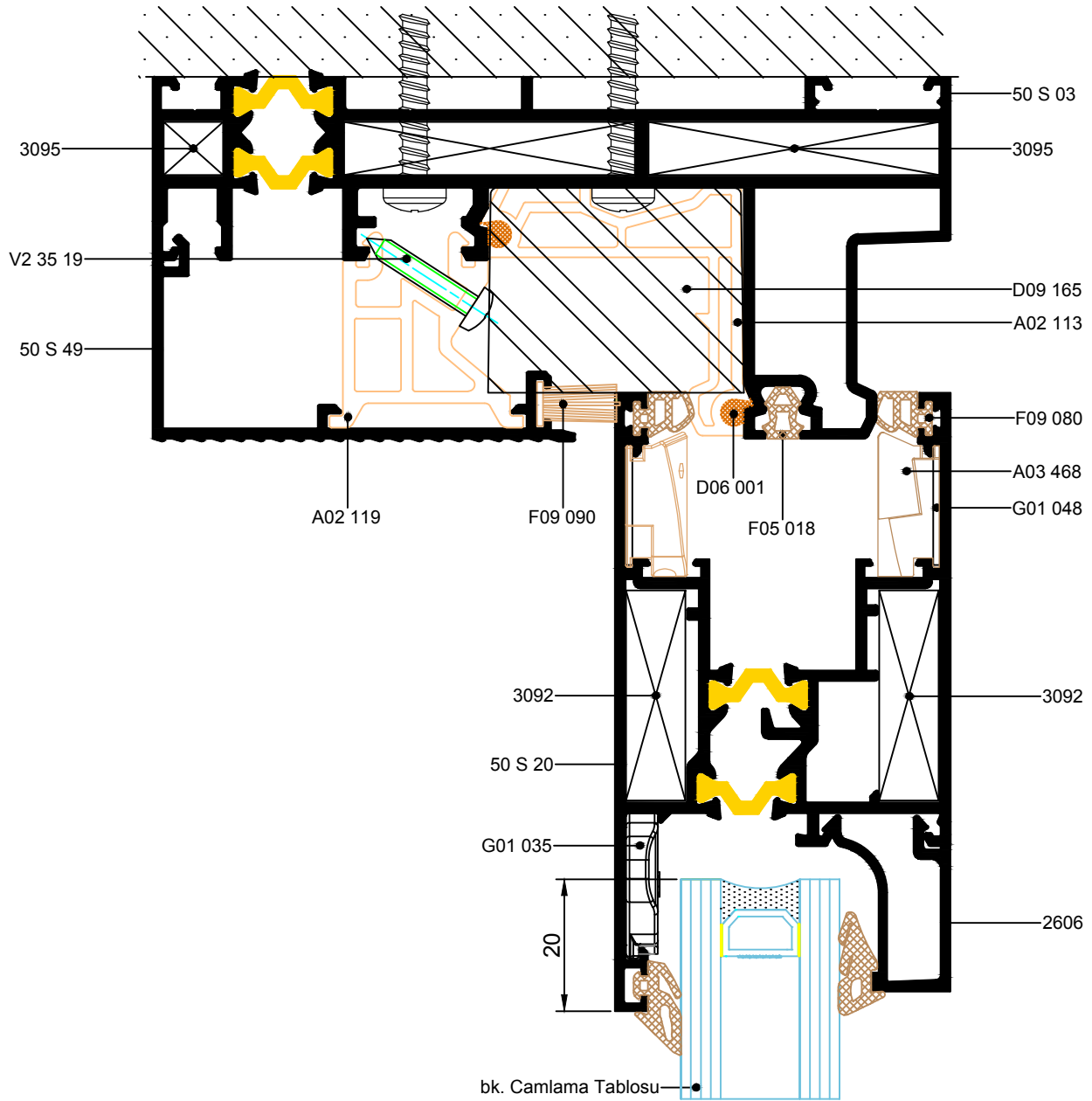
Ölçek Scale: 1/1

ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings

Uygulama Tip A Dışta Sabitli Kasa / Application Type A Outside Fixed Frame

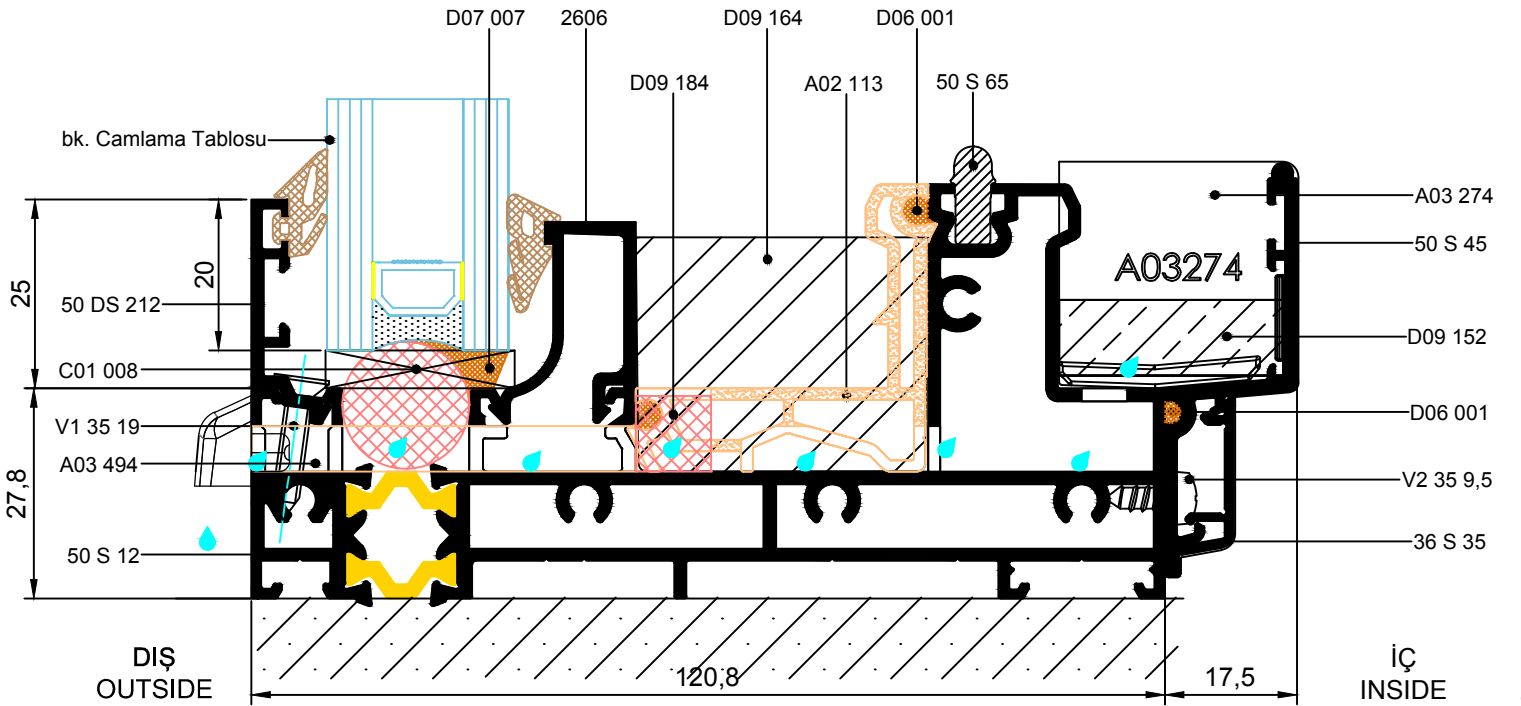
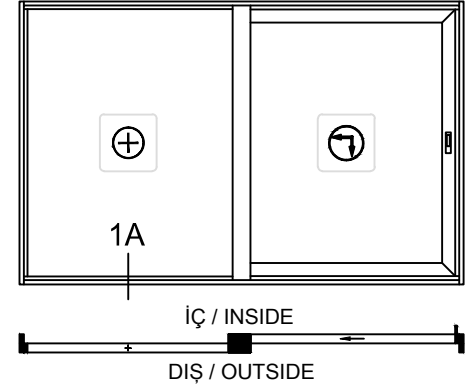
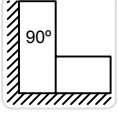
Detay / Detail 7A

DIŞ
OUTSIDEİÇ
INSIDE

Detay Çizimleri / Detail Drawings

Uygulama Tip A Dışta Sabitli Kasa / Application Type A Outside Fixed Frame

Alternatif 90 Kasa Birleşim Detayı / Alternative 90 Connection Detail 1A



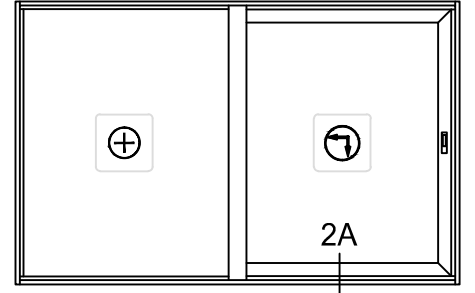
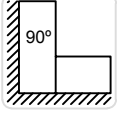
Ölçek Scale: 1/1

ÇUHADAROĞLU

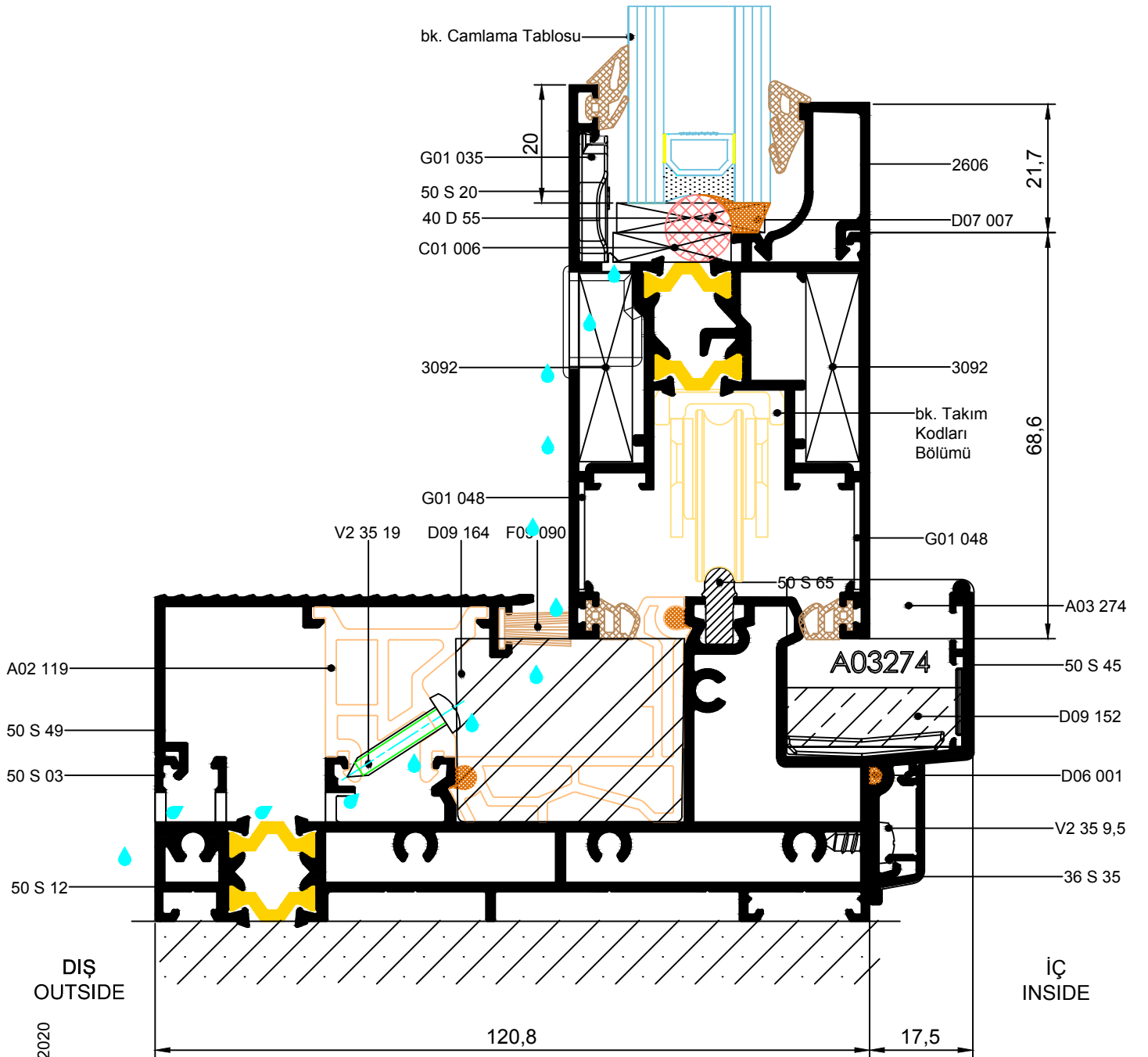
Detay Çizimleri / Detail Drawings

Uygulama Tip A Dışta Sabitli Kasa / Application Type A Outside Fixed Frame

Alternatif 90 Kasa Birleşim Detayı / Alternative 90 Connection Detail 2A



İÇ / INSIDE
DİŞ / OUTSIDE



MAYIS / MAY 2020

8/1-11

Ölçek Scale: 1/1

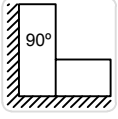
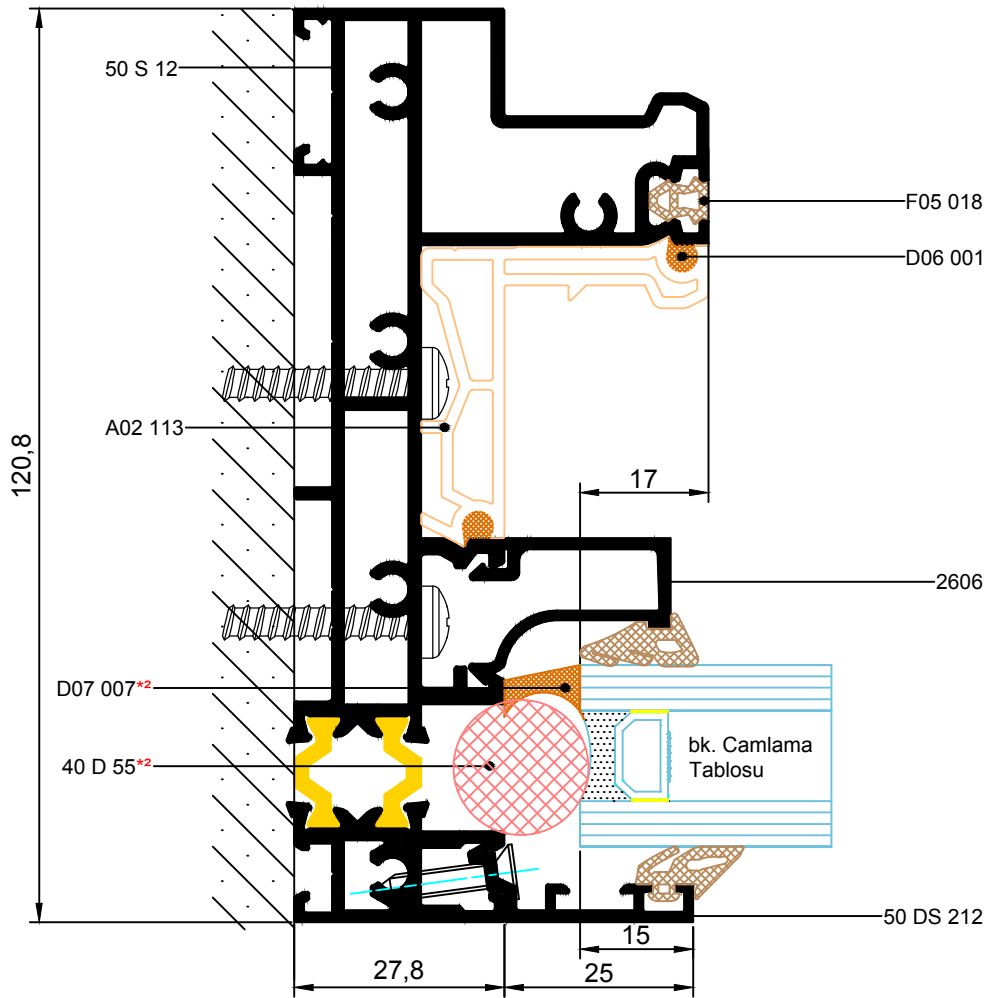
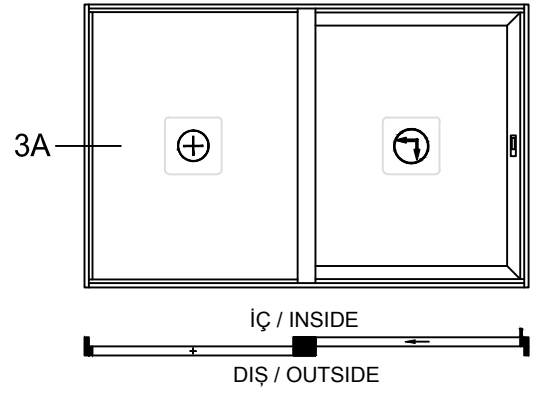
ÇUHADAROĞLU

SP.S50.00.08

Detay Çizimleri / Detail Drawings

Uygulama Tip A Dışta Sabitli Kasa / Application Type A Outside Fixed Frame

Alternatif 90 Kasa Birleşim Detayı / Alternative 90 Connection Detail 3A

İÇ
INSIDEDIŞ
OUTSIDE

Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

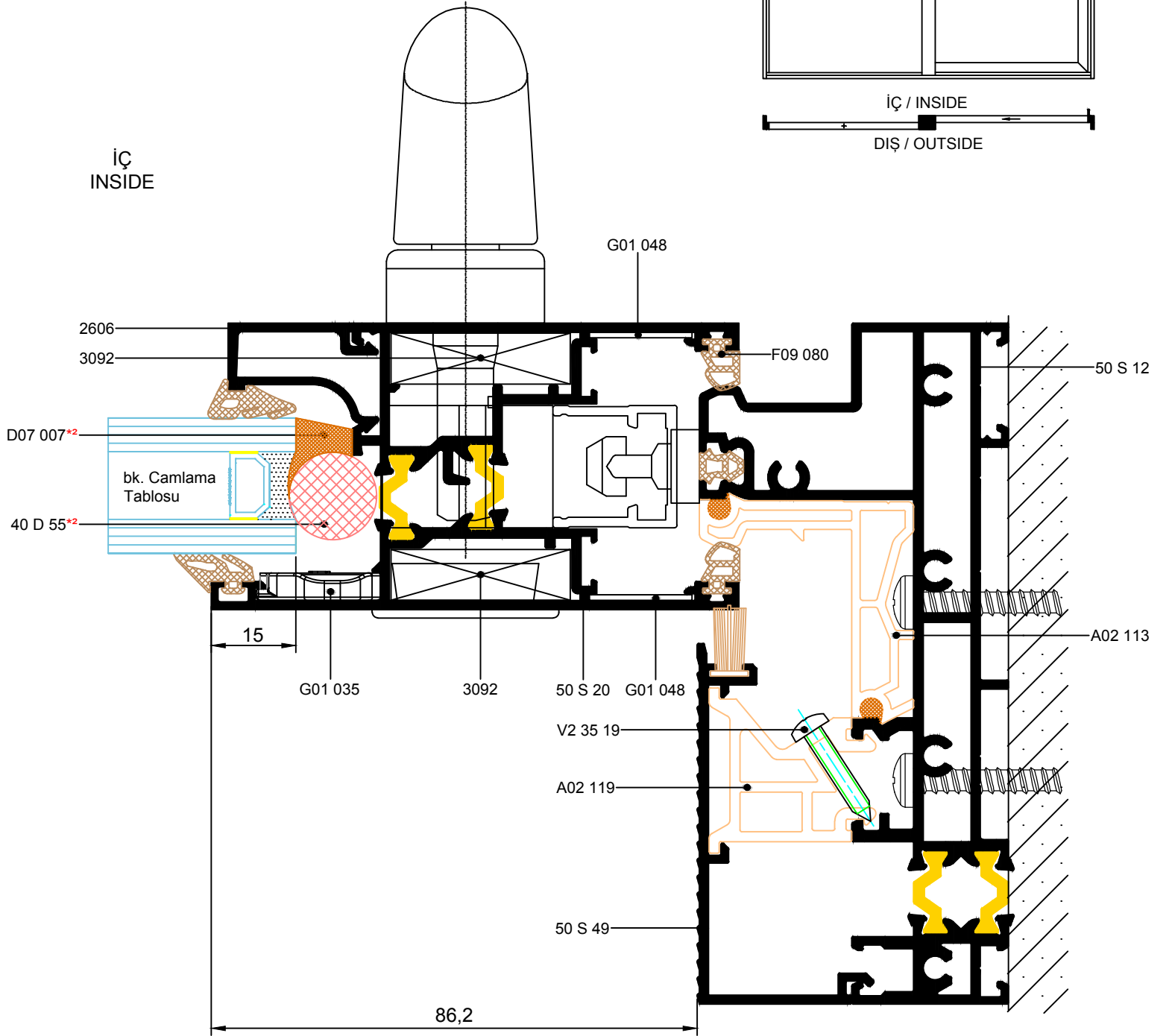
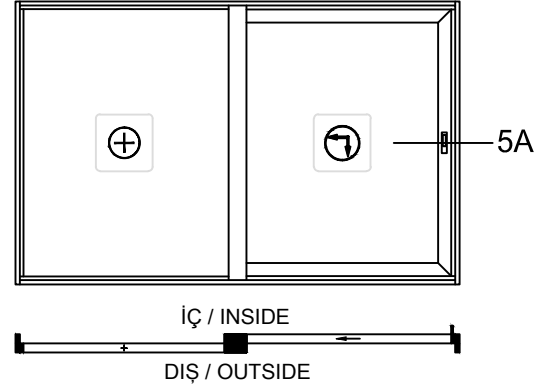
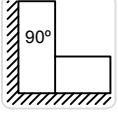
Ölçek Scale: 1/1

ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings

Uygulama Tip A Dışta Sabitli Kasa / Application Type A Outside Fixed Frame

Alternatif 90 Kasa Birleşim Detayı / Alternative 90 Connection Detail 5A

DIŞ
OUTSIDE

Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

Ölçek Scale: 1/1

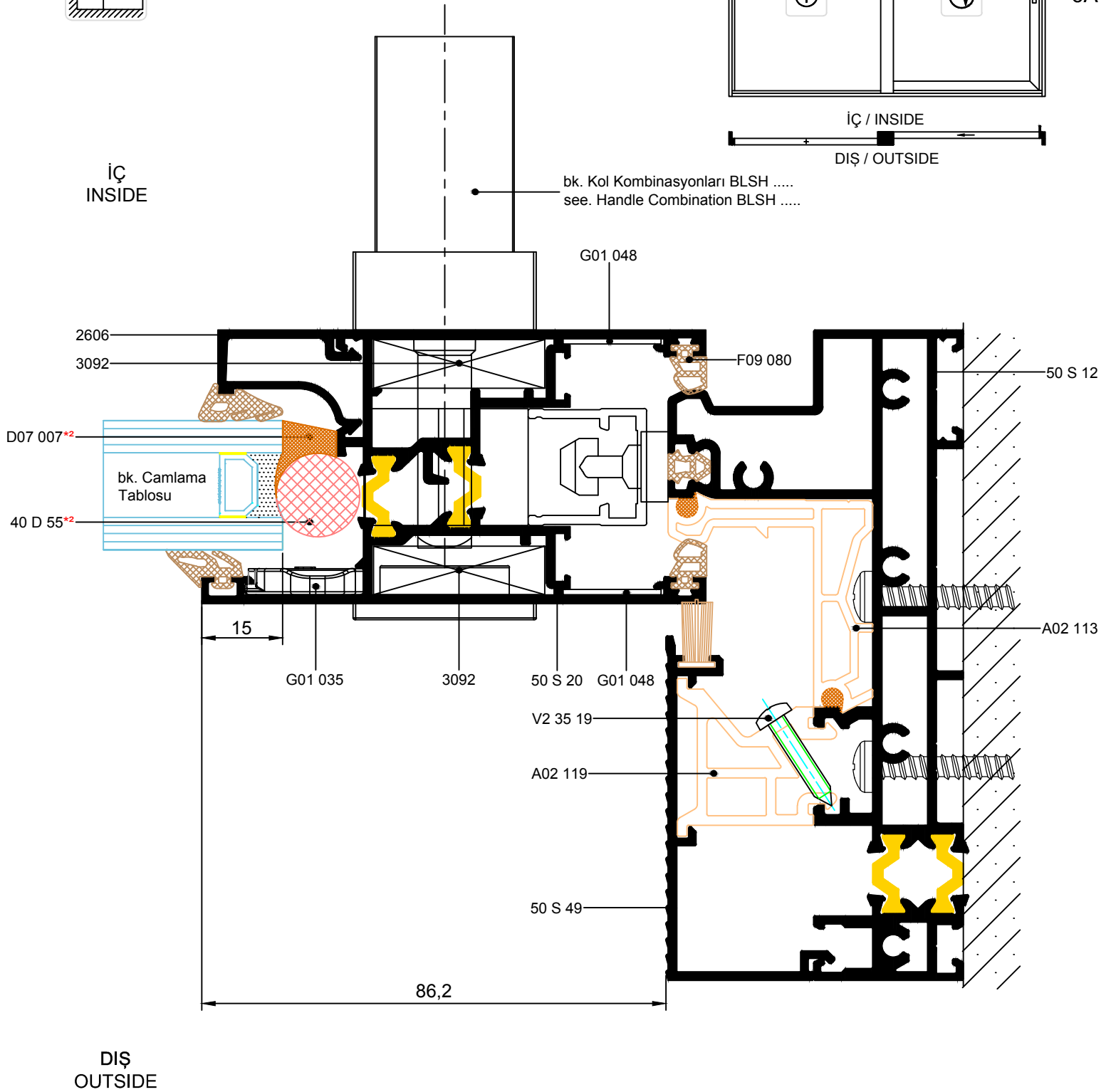
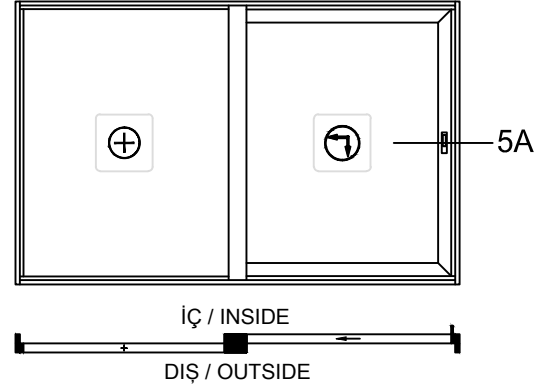
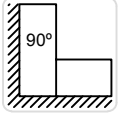
ÇUHADAROĞLU

SP.S50.00.08

Detay Çizimleri / Detail Drawings

Uygulama Tip A Dışta Sabitli Kasa / Application Type A Outside Fixed Frame

Alternatif Kol Detayı / Alternative Handle Detail 5A



Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

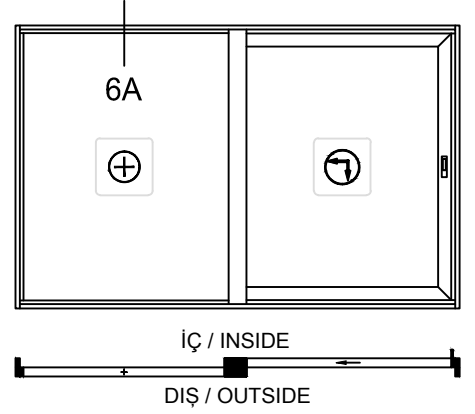
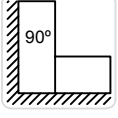
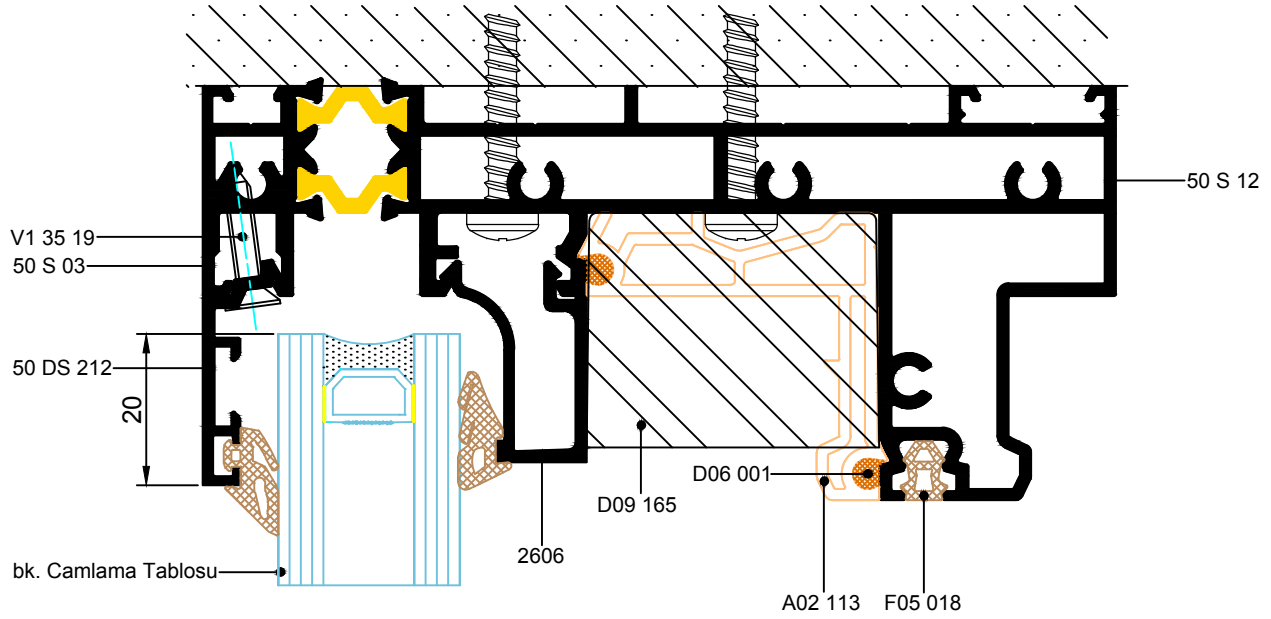
Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

Ölçek Scale: 1/1

Detay Çizimleri / Detail Drawings

Uygulama Tip A Dışta Sabitli Kasa / Application Type A Outside Fixed Frame

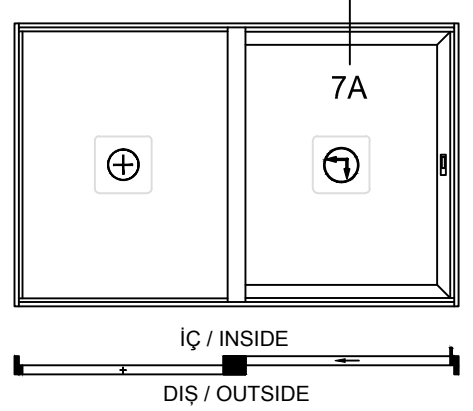
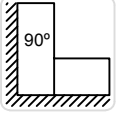
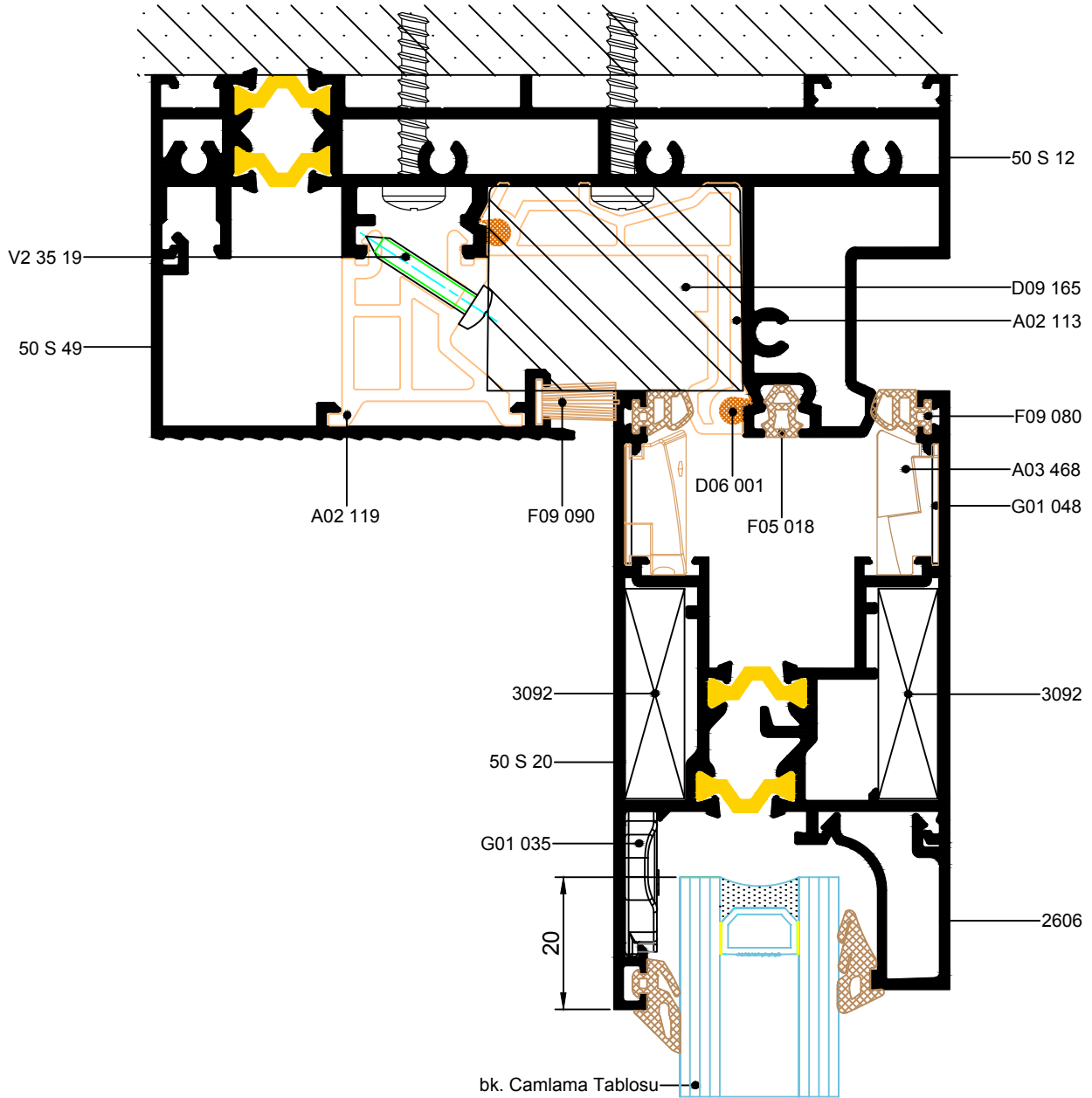
Alternatif 90 Kasa Birleşim Detayı / Alternative 90 Connection Detail 6A

DIŞ
OUTSIDEİÇ
INSIDE

Detay Çizimleri / Detail Drawings

Uygulama Tip A Dışta Sabitli Kasa / Application Type A Outside Fixed Frame

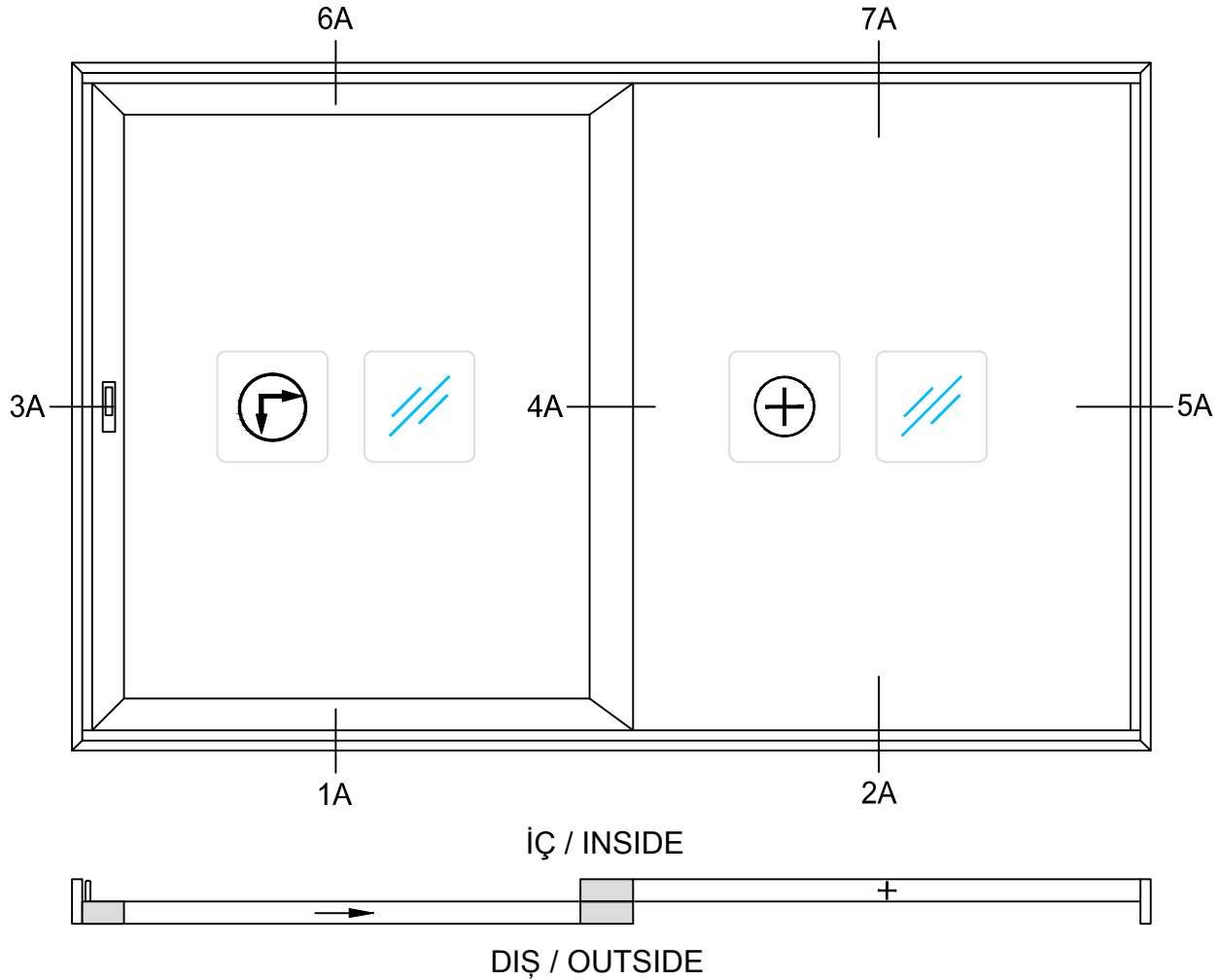
Alternatif 90 Kasa Birleşim Detayı / Alternative 90 Connection Detail 7A

DİŞ
OUTSIDEİÇ
INSIDE

Ölçek Scale: 1/1

ÇUHADAROĞLU

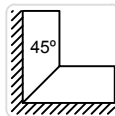
TİP A İÇTE SABİTLİ / TYPE A INSIDE FIXED



S50 Tip A içte sabitli kasa detayları yukarıdaki gibi numaralandırılmıştır.
S50 Type A Inside fixed frame details are numbered as above.

Detay 1A için bk. Sayfa 8/2-1
Detay 2A için bk. Sayfa 8/2-2
Detay 3A için bk. Sayfa 8/2-3
Detay 4A için bk. Sayfa 8/2-5
Detay 5A için bk. Sayfa 8/2-6
Detay 6A için bk. Sayfa 8/2-7
Detay 7A için bk. Sayfa 8/2-8

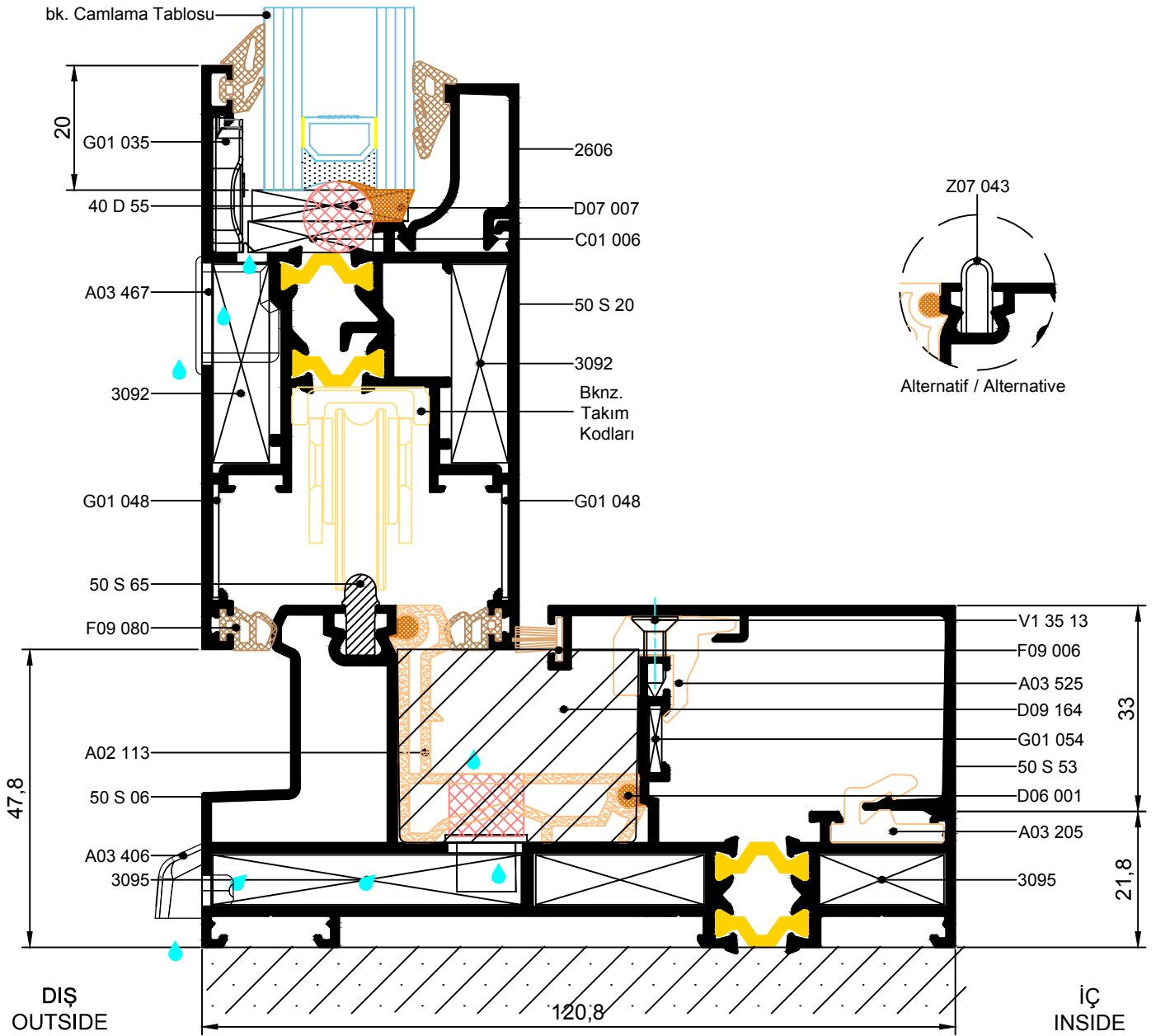
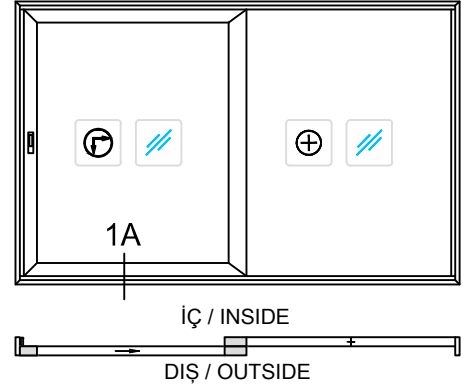
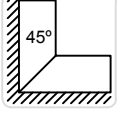
For details 1A see. Page 8/2-1
For details 2A see. Page 8/2-2
For details 3A see. Page 8/2-3
For details 4A see. Page 8/2-5
For details 5A see. Page 8/2-6
For details 6A see. Page 8/2-7
For details 7A see. Page 8/2-8



Detay Çizimleri / Detail Drawings

Uygulama Tip A İçte Sabitli Kasa / Application Type A Inside Fixed Frame

Detay / Detail 1A



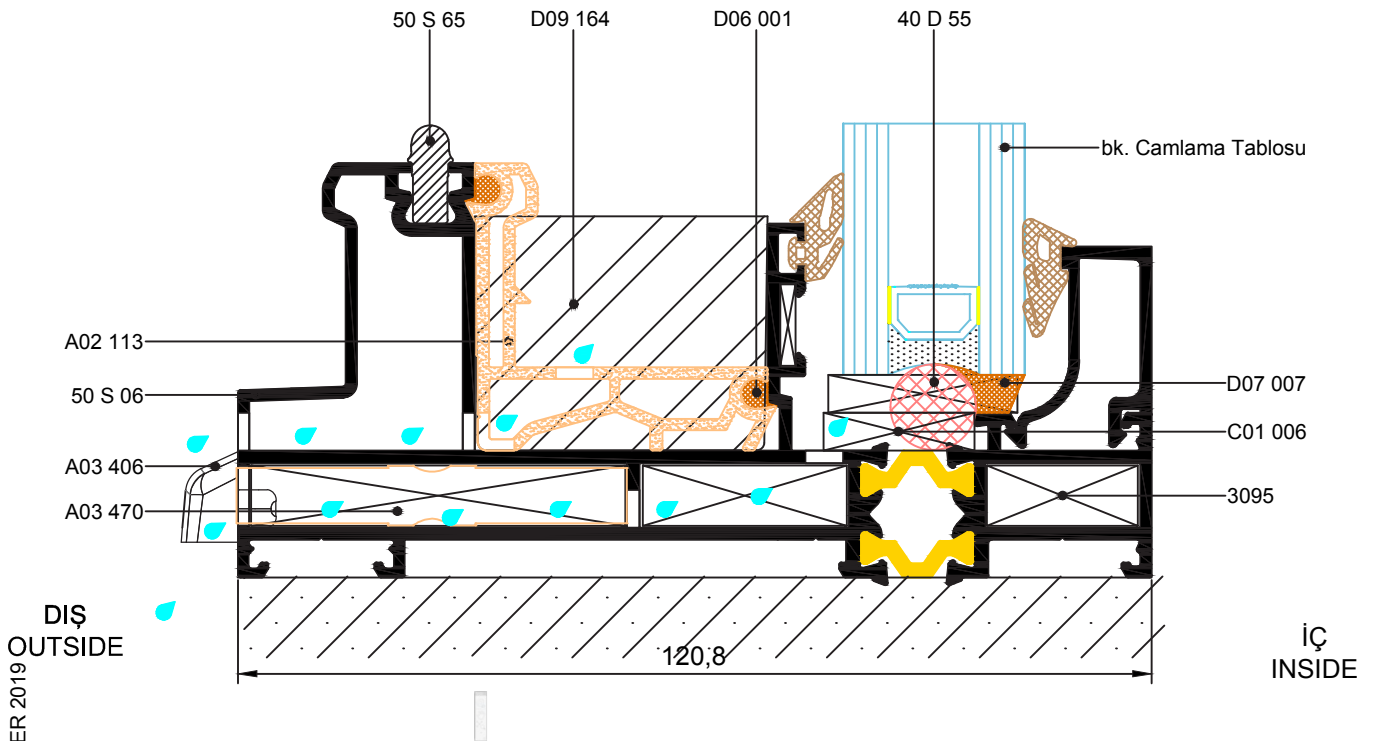
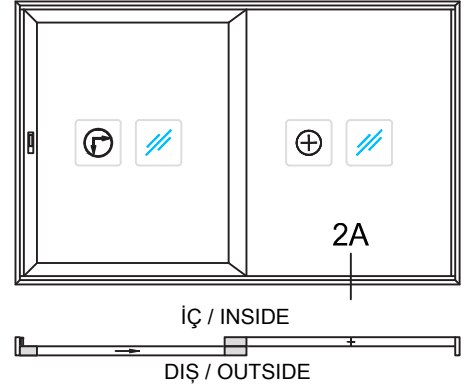
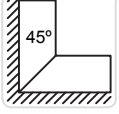
Ölçek Scale: 1/1

ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings

Uygulama Tip A İçte Sabitli Kasa / Application Type A Inside Fixed Frame

Detay / Detail 2A



EKİM / OCTOBER 2019

8/2-2

Ölçek Scale: 1/1

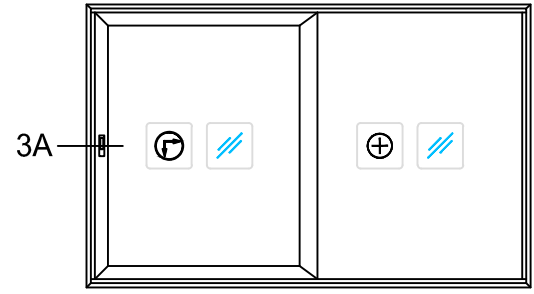
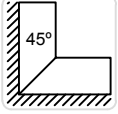
ÇUHADAROĞLU

SP.S50.00.08

Detay Çizimleri / Detail Drawings

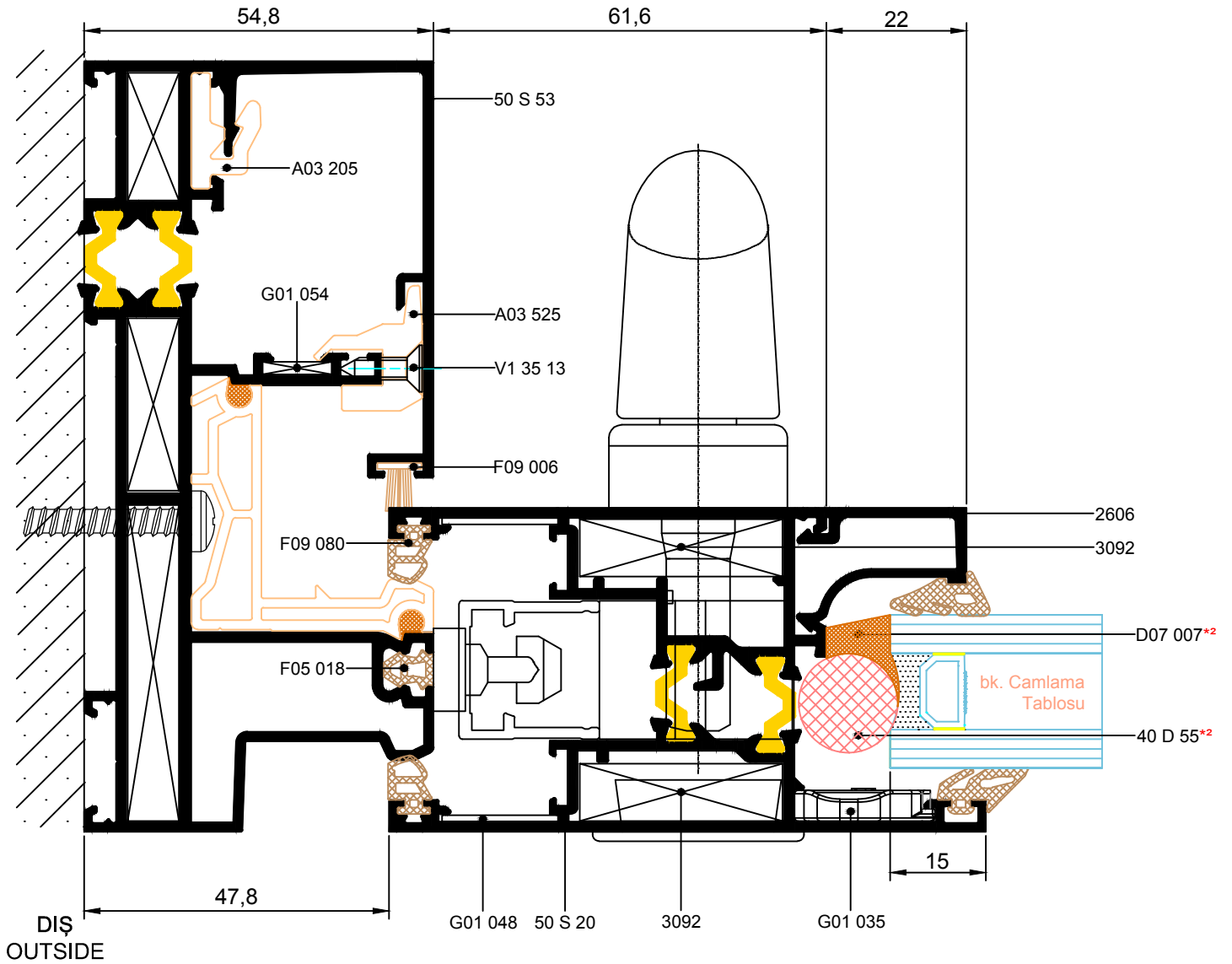
Uygulama Tip A İçte Sabitli Kasa / Application Type A Inside Fixed Frame

Detay / Detail 3A



İÇ / INSIDE

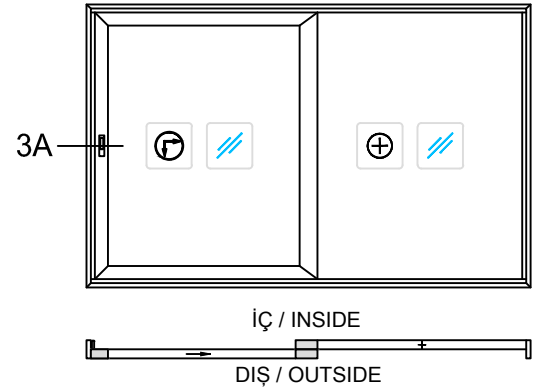
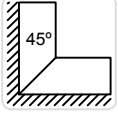
DIŞ / OUTSIDE

İÇ
INSIDENot: ^{*1} İlgili ürünlerin temin süreleri standart temin süreleri dışında olup, temasa geçilmesi önem taşımaktadır.Note: ^{*1} Supply periods of related products are out of the standard supply periods and it is important to contact the bases.Not: ^{*2} İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.Note: ^{*2} Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

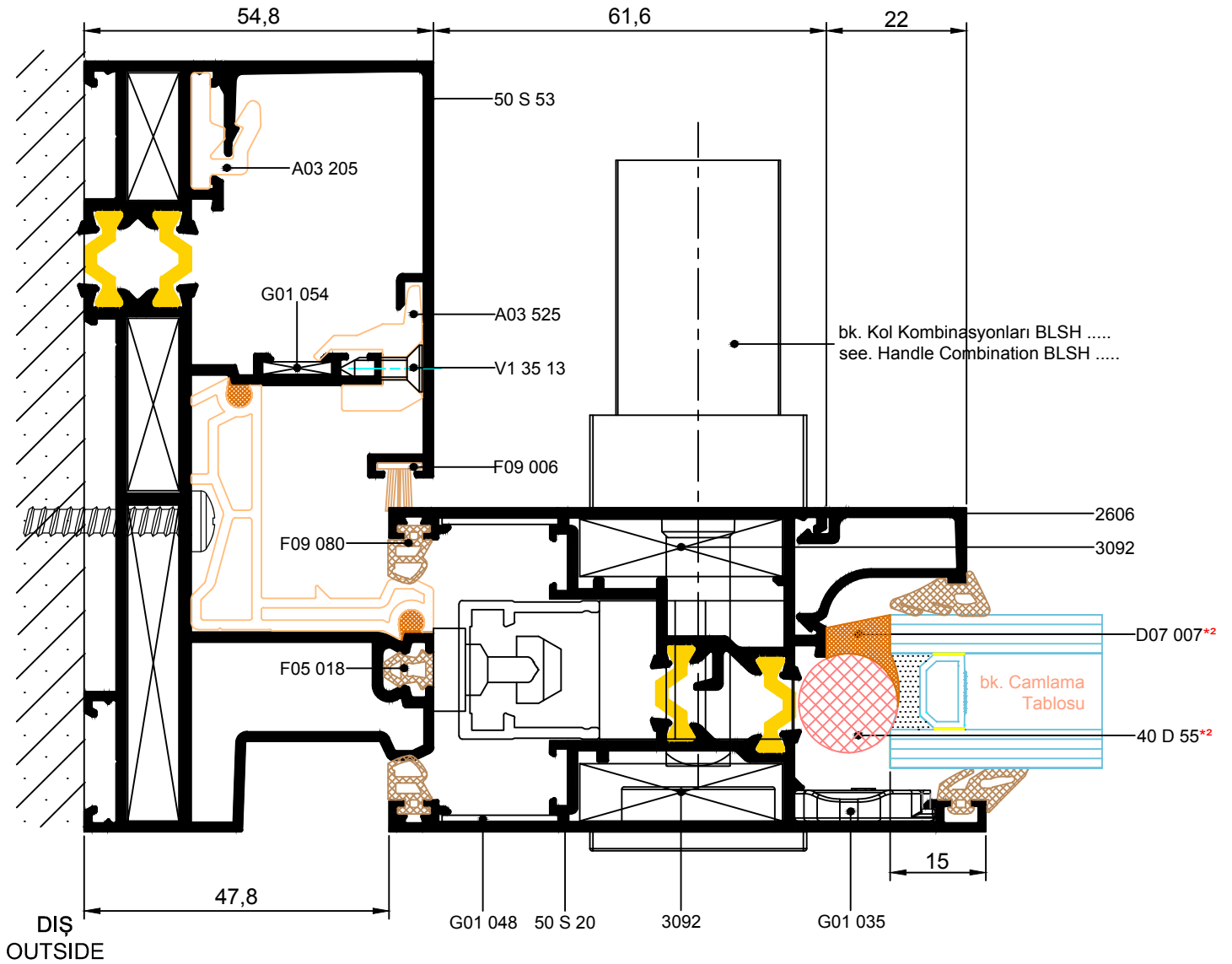
Ölçek Scale: 1/1

ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings
Alternatif Kol Detayı / Alternative Handle Detail
Detay / Detail 3A



İÇ
INSIDE

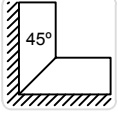
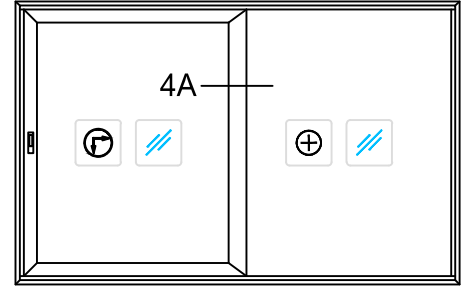
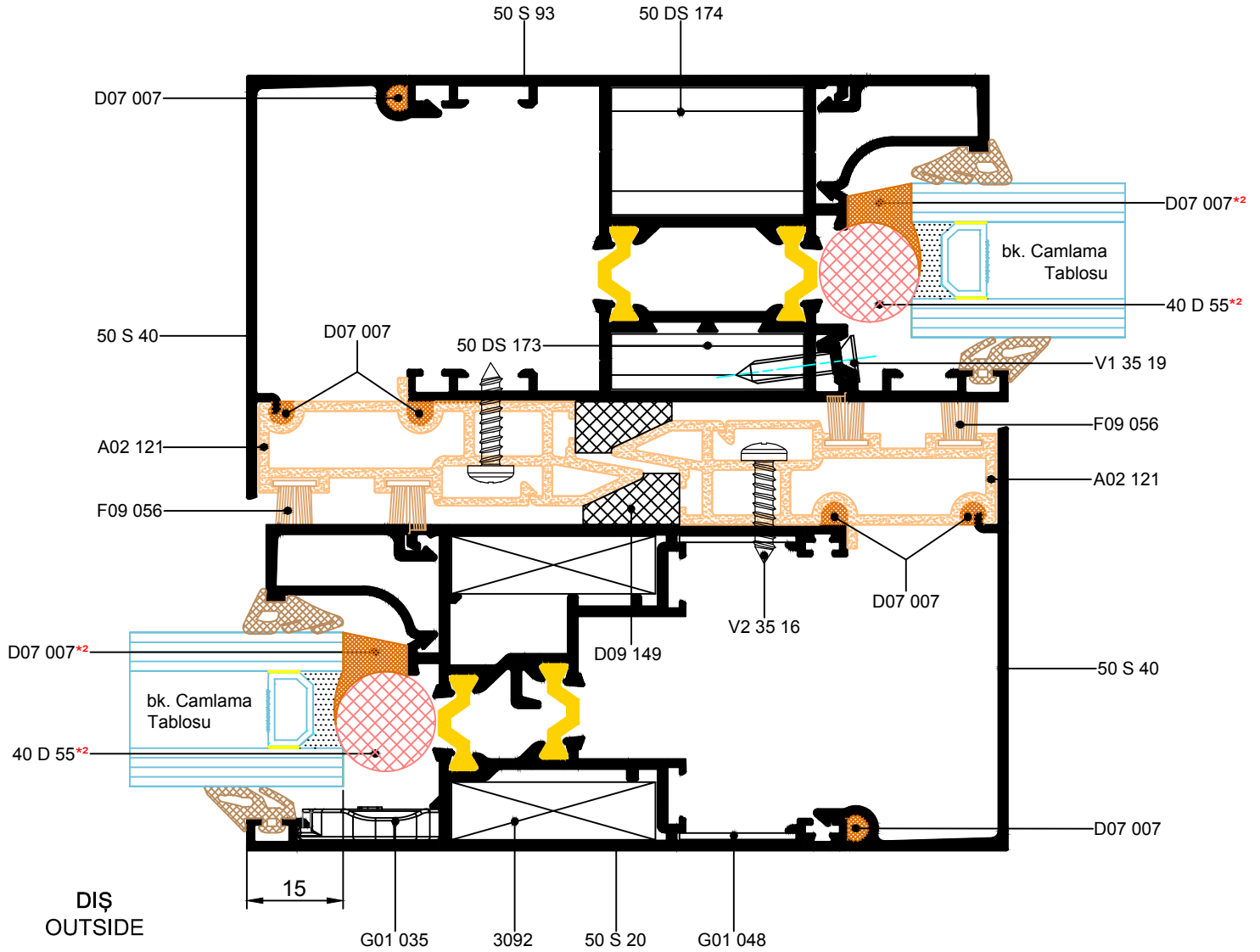


Not: *1 İlgili ürünlerin temin süreleri standart temin süreleri dışında olup, temasa geçilmesi önem taşımaktadır.
Note: *1 Supply periods of related products are out of the standard supply periods and it is important to contact the bases.
Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.
Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

Detay Çizimleri / Detail Drawings

Uygulama Tip A İçte Sabitli Kasa / Application Type A Inside Fixed Frame

Detay / Detail 4A

İÇ
INSIDEİÇ / INSIDE
DİŞ / OUTSIDE

Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

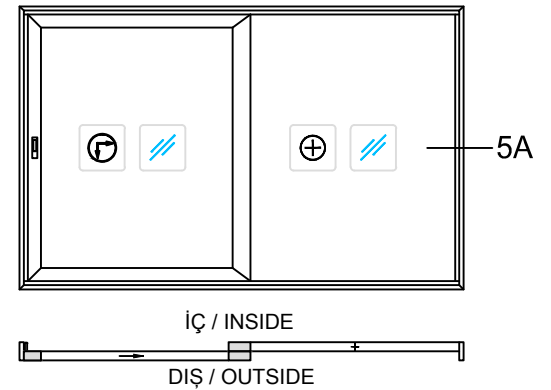
Ölçek Scale: 1/1

ÇUHADAROĞLU

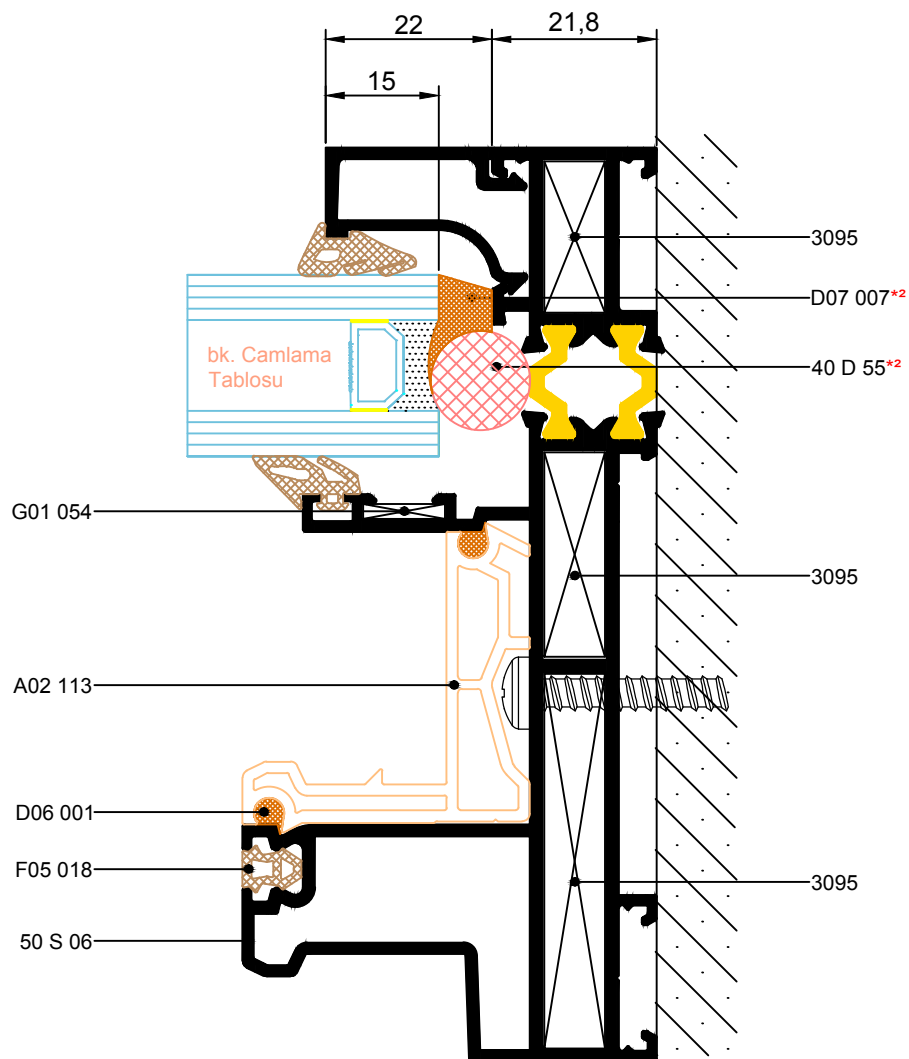
Detay Çizimleri / Detail Drawings

Uygulama Tip A İçte Sabitli Kasa / Application Type A Inside Fixed Frame

Detay / Detail 5A



İÇ
INSIDE



DIŞ
OUTSIDE

EKİM / OCTOBER 2019

Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

Note: ^{*2} Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

Ölçek Scale: 1/1

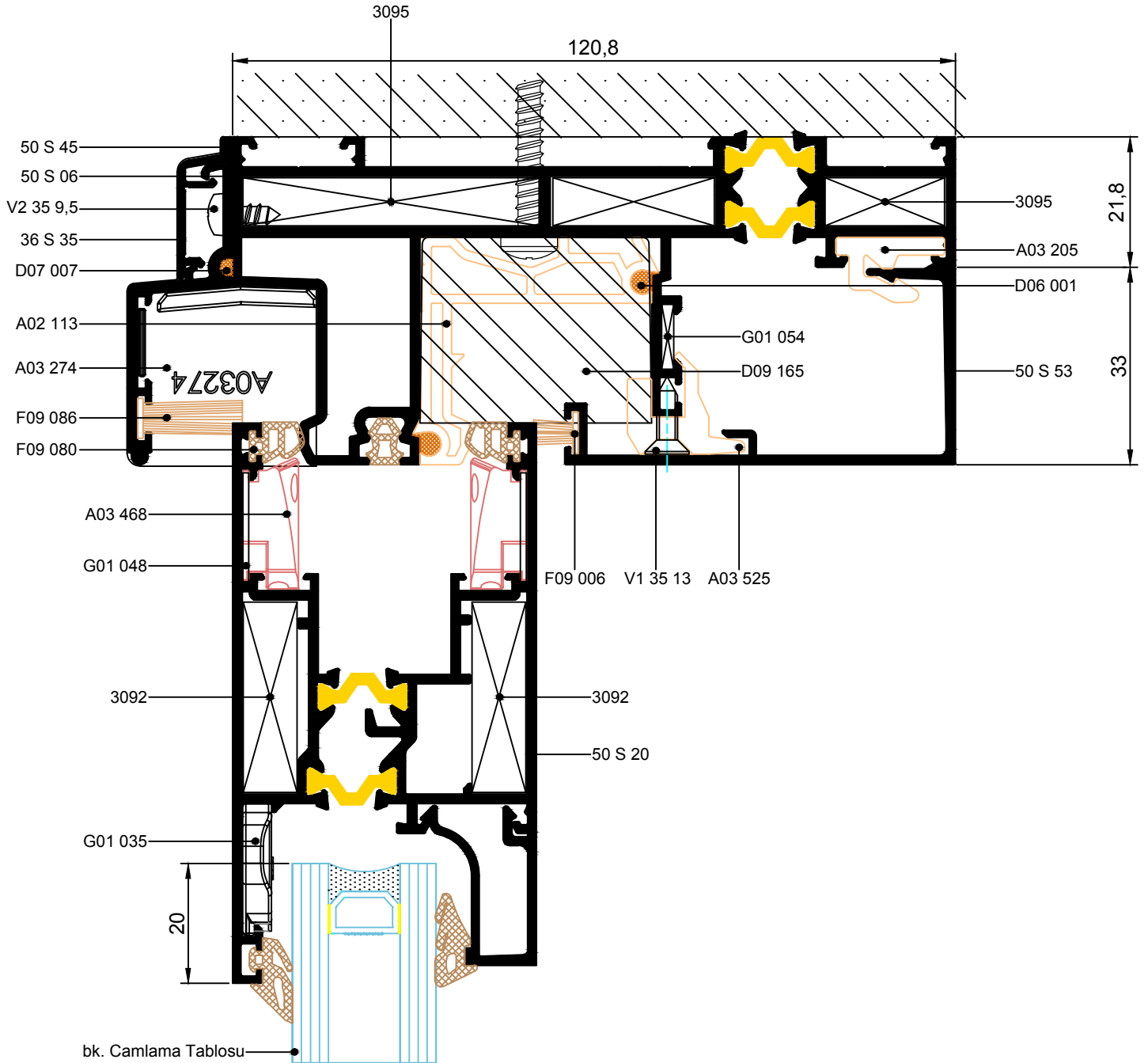
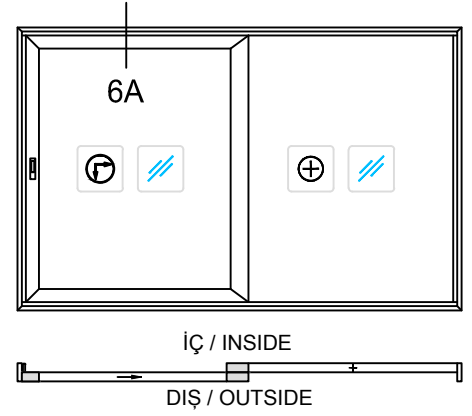
ÇUHADAROĞLU

SP.S50.00.08

Detay Çizimleri / Detail Drawings

Uygulama Tip A İçte Sabitli Kasa / Application Type A Inside Fixed Frame

Detay / Detail 6A

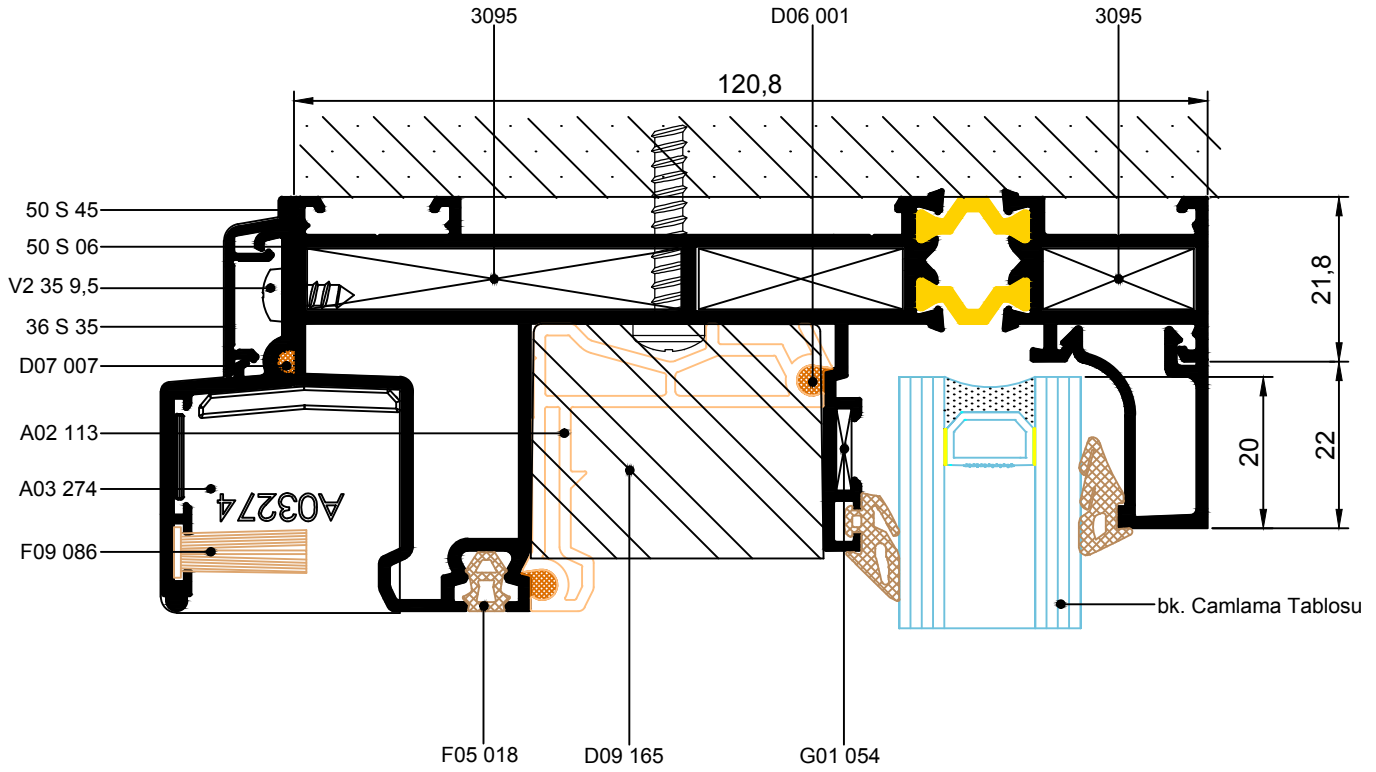
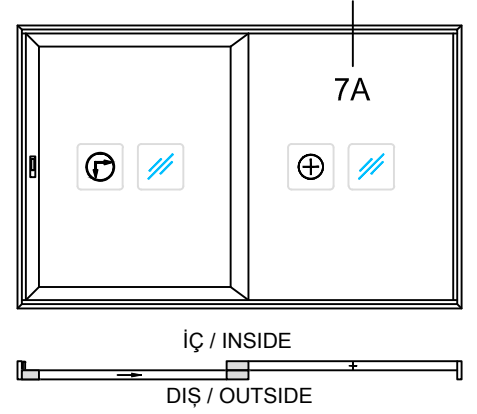


Ölçek Scale: 1/1

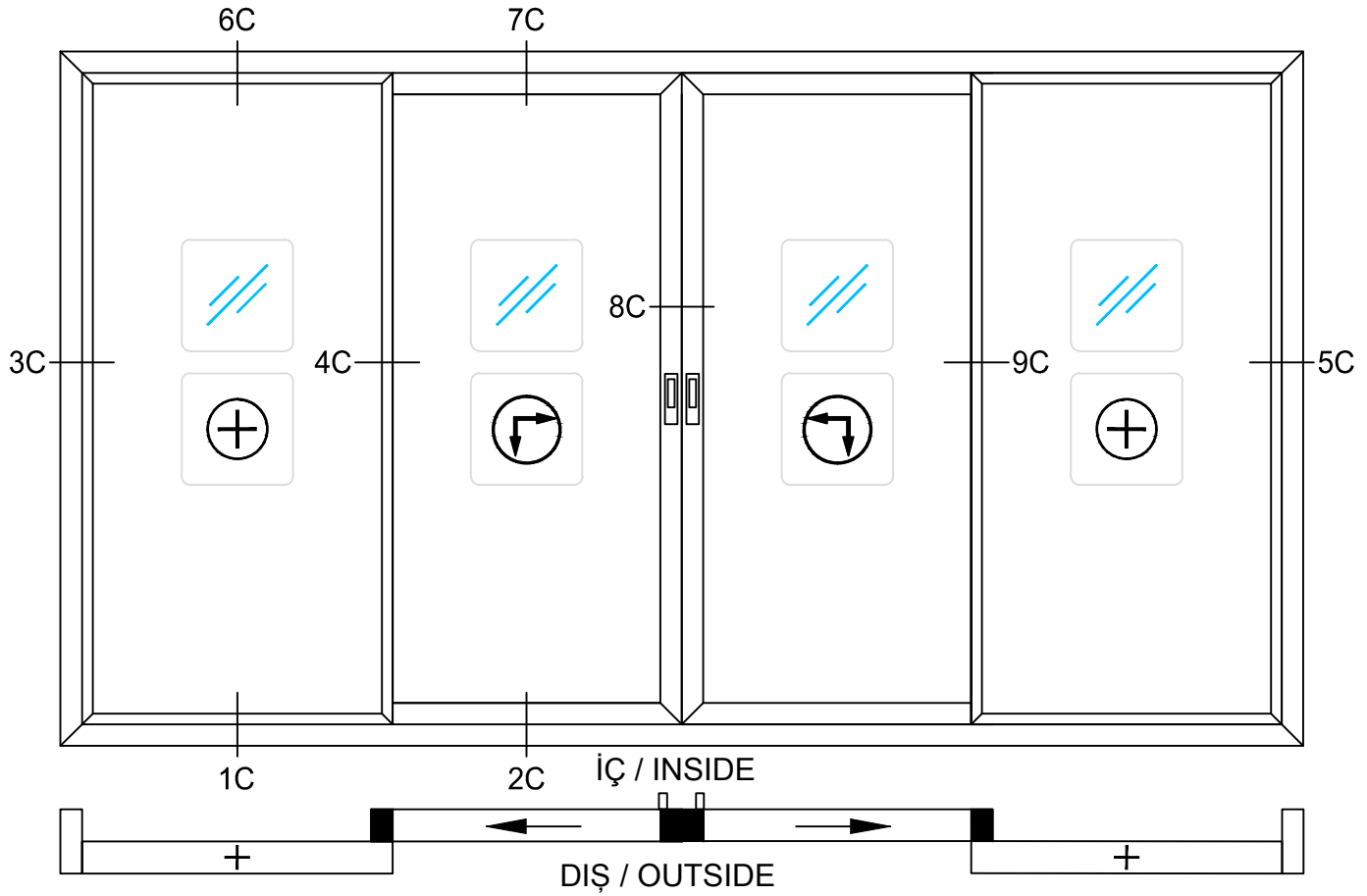
Detay Çizimleri / Detail Drawings

Uygulama Tip A İçte Sabitli Kasa / Application Type A Inside Fixed Frame

Detay / Detail 7A



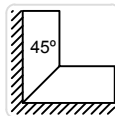
TİP C DIŞTA SABİTLİ / TYPE C OUTSIDE FIXED



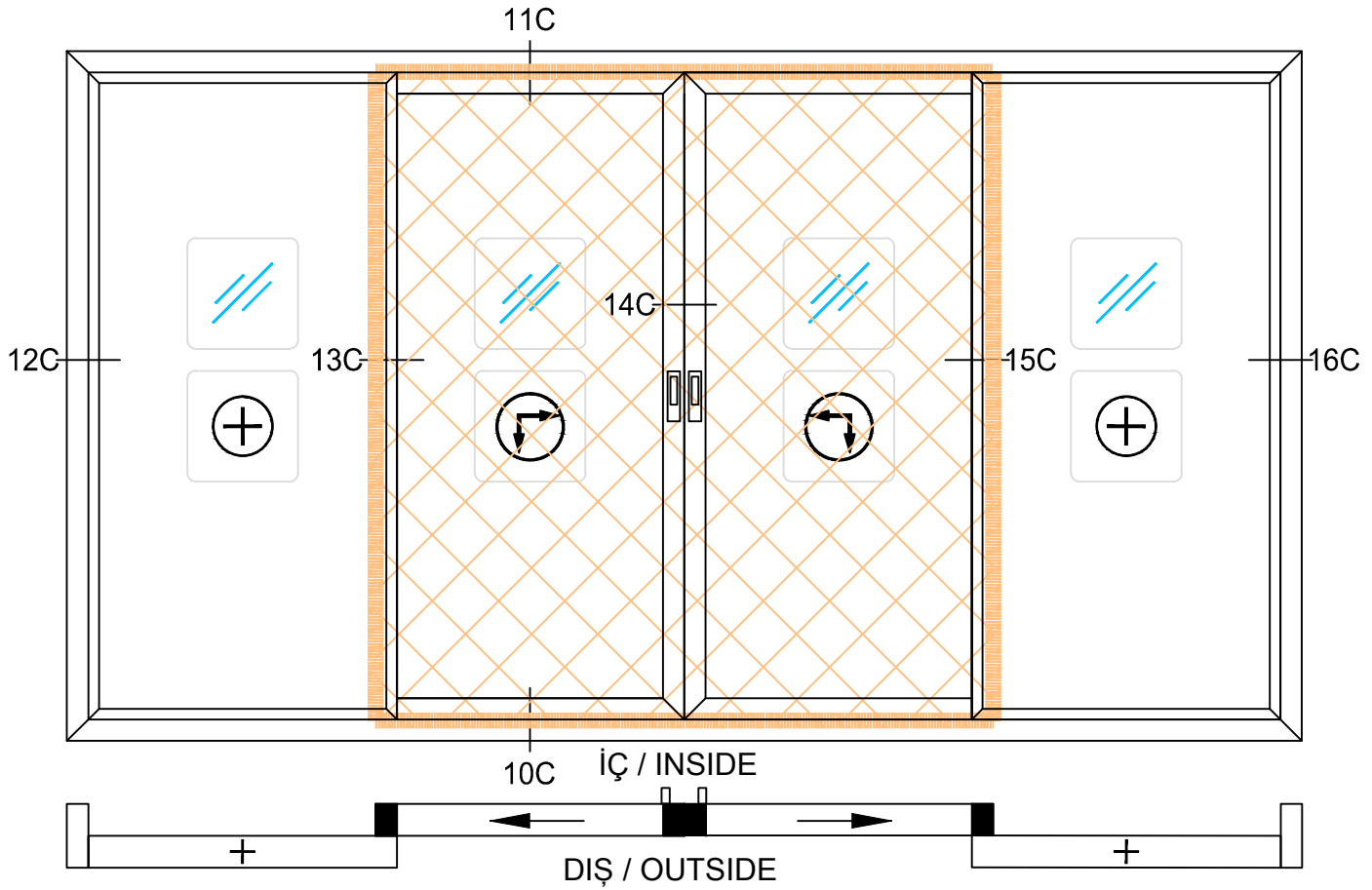
S50 Tip C Dışta sabitli kasa detayları yukarıdaki gibi numaralandırılmıştır.
S50 Type C Outside fixed frame details are numbered as above.

Detay 1C için bk. Sayfa 8/3-1
Detay 2C için bk. Sayfa 8/3-2
Detay 3C için bk. Sayfa 8/3-3
Detay 4C için bk. Sayfa 8/3-4
Detay 5C için bk. Sayfa 8/3-5
Detay 6C için bk. Sayfa 8/3-6
Detay 7C için bk. Sayfa 8/3-7
Detay 8C için bk. Sayfa 8/3-8
Detay 9C için bk. Sayfa 8/3-10

For details 1C see. Page 8/3-1
For details 2C see. Page 8/3-2
For details 3C see. Page 8/3-3
For details 4C see. Page 8/3-4
For details 5C see. Page 8/3-5
For details 6C see. Page 8/3-6
For details 7C see. Page 8/3-7
For details 8C see. Page 8/3-8
For details 9C see. Page 8/3-10



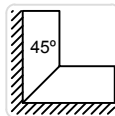
TİP C DIŞTA SABİTLİ / TYPE C OUTSIDE FIXED



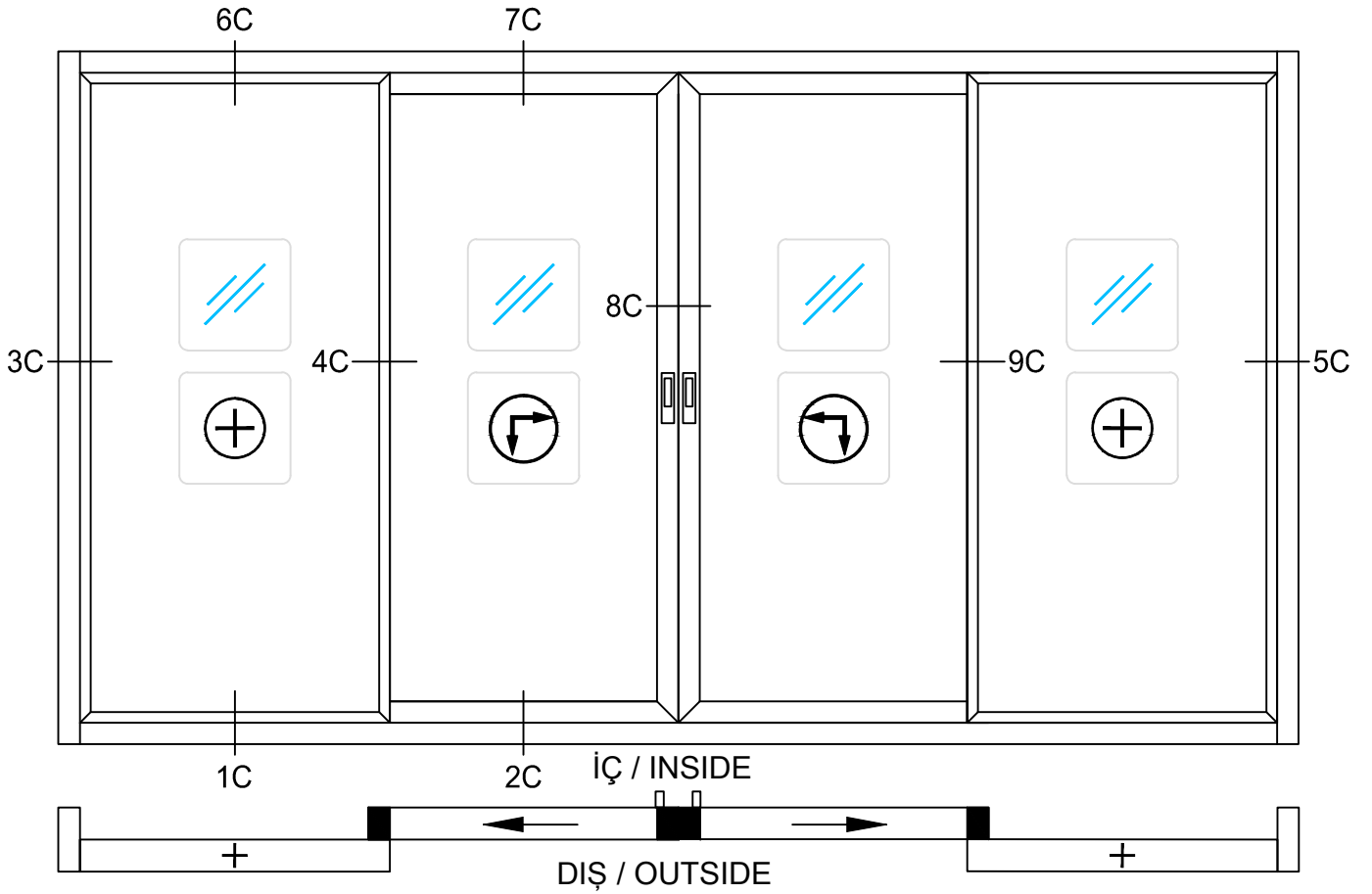
S50 Tip C Dışta sabitli kasa detayları yukarıdaki gibi numaralandırılmıştır.
S50 Type C Outside fixed frame details are numbered as above.

Detay 10C için bk. Sayfa 8/3-11
Detay 11C için bk. Sayfa 8/3-12
Detay 12C için bk. Sayfa 8/3-13
Detay 13C için bk. Sayfa 8/3-14
Detay 14C için bk. Sayfa 8/3-15
Detay 15C için bk. Sayfa 8/3-17
Detay 16C için bk. Sayfa 8/3-18

For details 10C see. Page 8/3-11
For details 11C see. Page 8/3-12
For details 12C see. Page 8/3-13
For details 13C see. Page 8/3-14
For details 14C see. Page 8/3-15
For details 15C see. Page 8/3-17
For details 16C see. Page 8/3-18



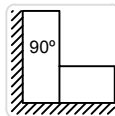
TİP C DIŞTA SABİTLİ / TYPE C OUTSIDE FIXED



S50 Tip C Dışta sabitli kasa detayları yukarıdaki gibi numaralandırılmıştır.
S50 Type C Outside fixed frame details are numbered as above.

Detay 1C için bk. Sayfa 8/3-19
Detay 2C için bk. Sayfa 8/3-20
Detay 3C için bk. Sayfa 8/3-21
Detay 5C için bk. Sayfa 8/3-22
Detay 6C için bk. Sayfa 8/3-23
Detay 7C için bk. Sayfa 8/3-24

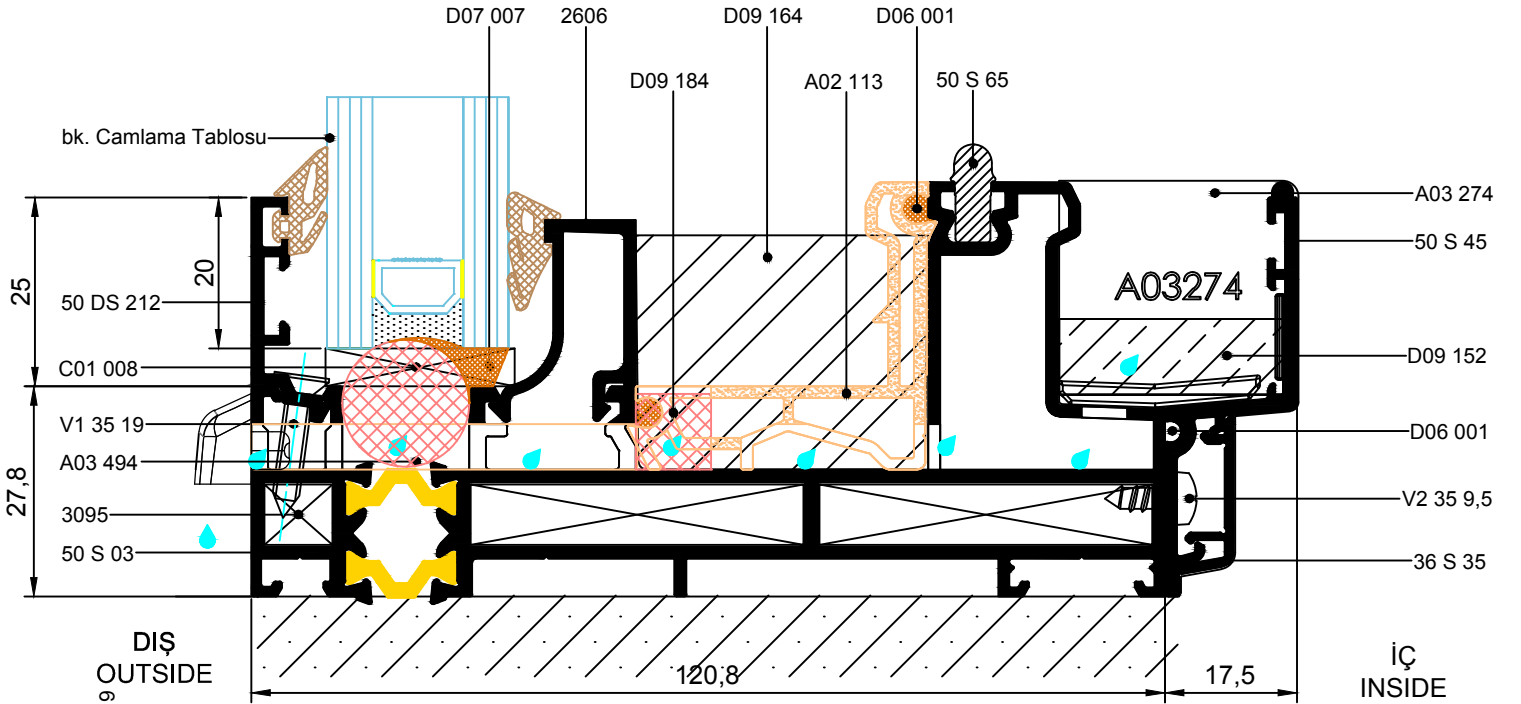
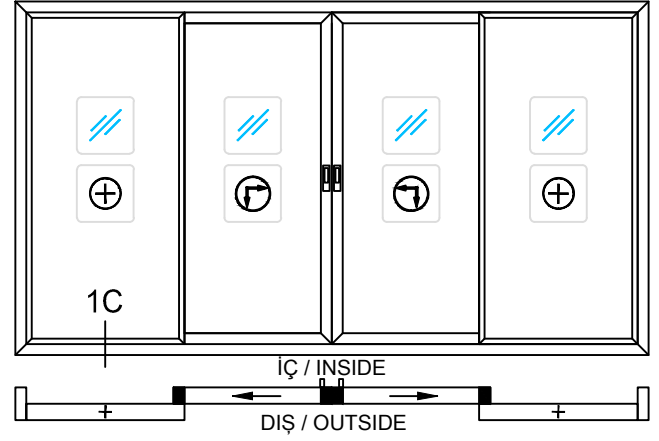
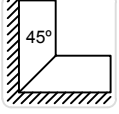
For details 1C see. Page 8/3-19
For details 2C see. Page 8/3-20
For details 3C see. Page 8/3-21
For details 5C see. Page 8/3-22
For details 6C see. Page 8/3-23
For details 7C see. Page 8/3-24



Detay Çizimleri / Detail Drawings

Uygulama Tip C Dışta Sabitli Kasa / Application Type C Outside Fixed Frame

Detay / Detail 1C



HAZİRAN / JUNE 2019

8/3-1

Ölçek Scale: 1/1

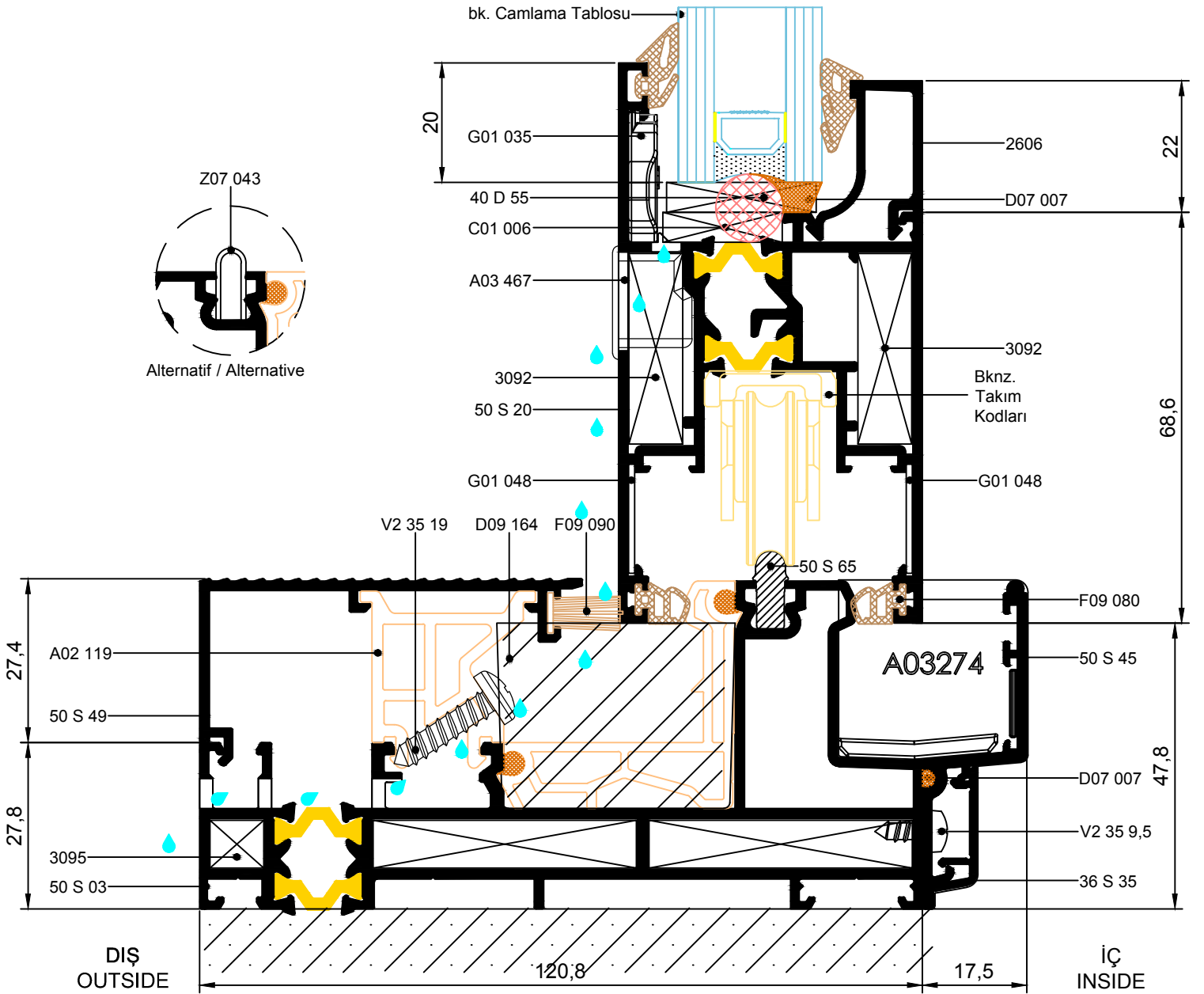
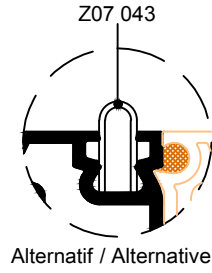
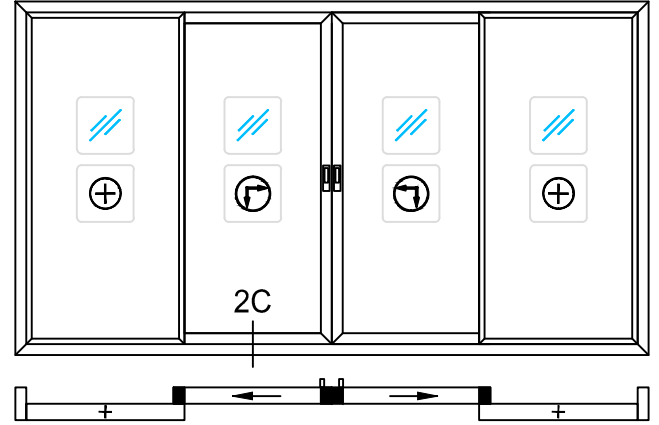
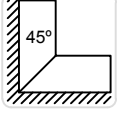
ÇUHADAROĞLU

SP.S50.00.08

Detay Çizimleri / Detail Drawings

Uygulama Tip C Dışta Sabitli Kasa / Application Type C Outside Fixed Frame

Detay / Detail 2C



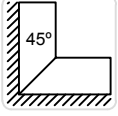
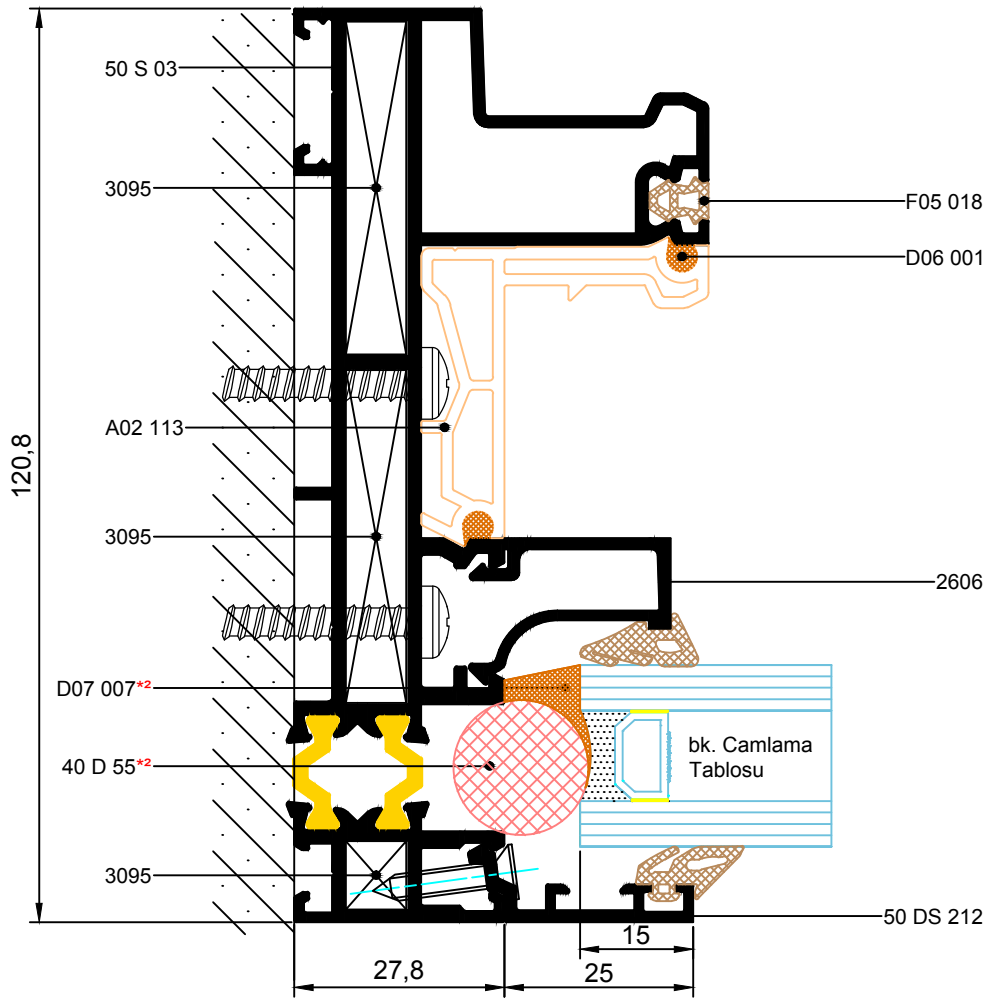
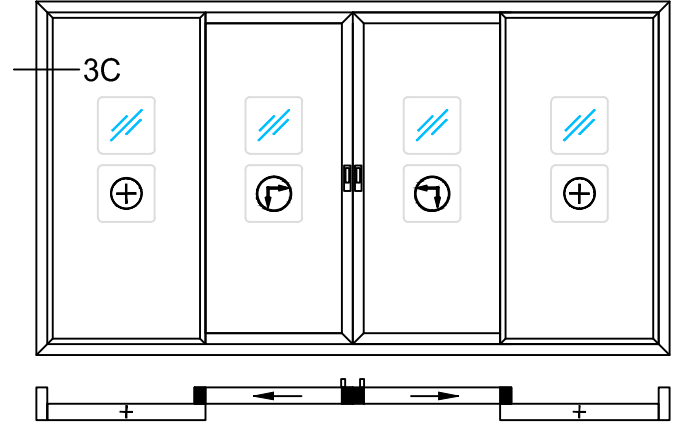
Ölçek Scale: 1/1

ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings

Uygulama Tip C Dışta Sabitli Kasa / Application Type C Outside Fixed Frame

Detay / Detail 3C

İÇ
INSIDEDİŞ
OUTSIDE

Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

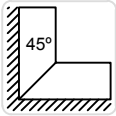
Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

Ölçek Scale: 1/1

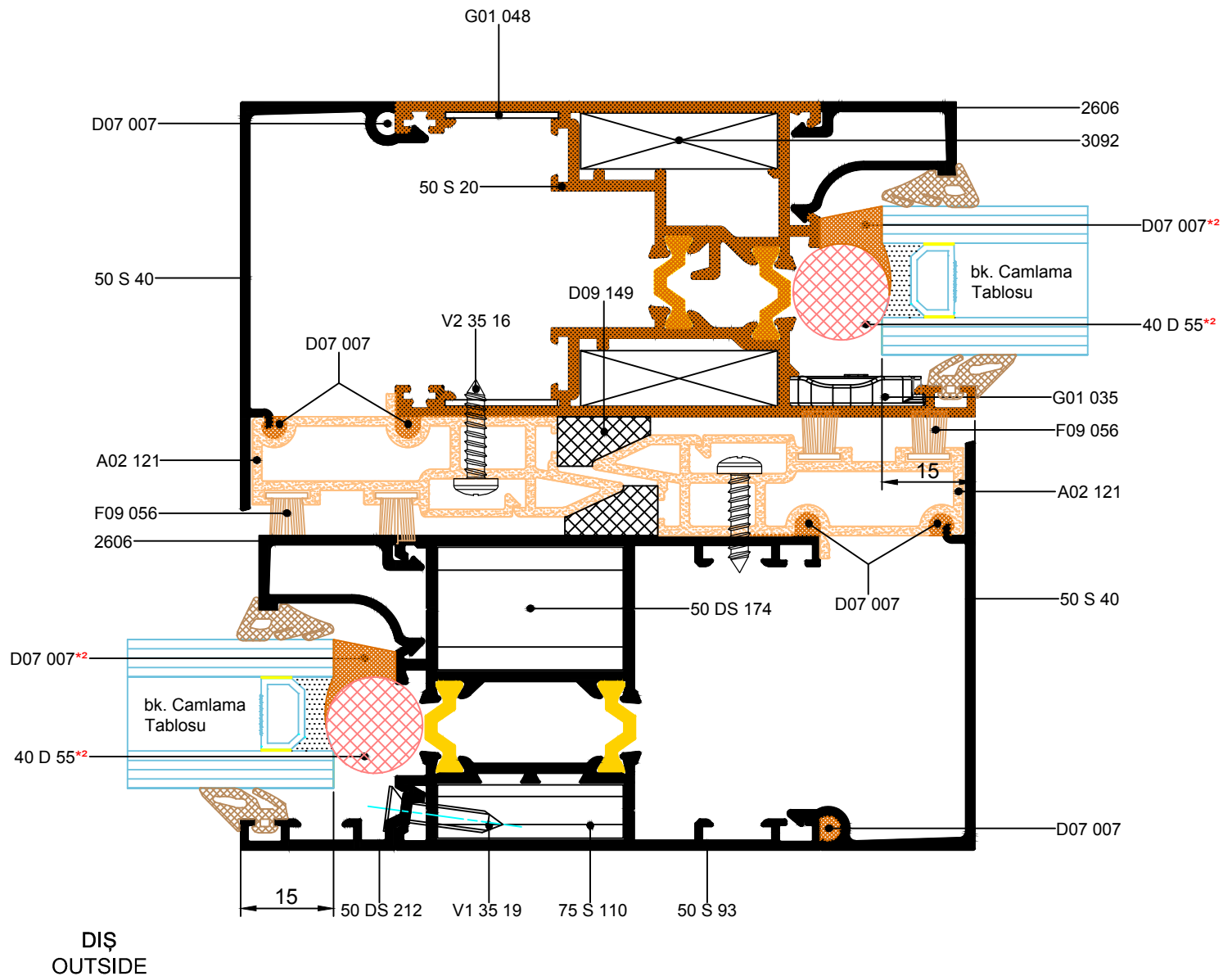
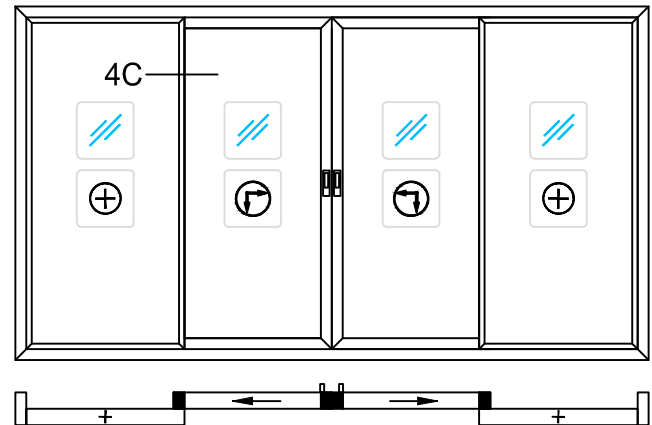
ÇUHADAROĞLU

SP.S50.00.08

Detay Çizimleri / Detail Drawings
Uygulama Tip C Dışta Sabitli Kasa / Application Type C Outside Fixed Frame
Detay / Detail 4C



İÇ
INSIDE



Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.
Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

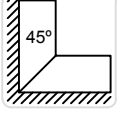
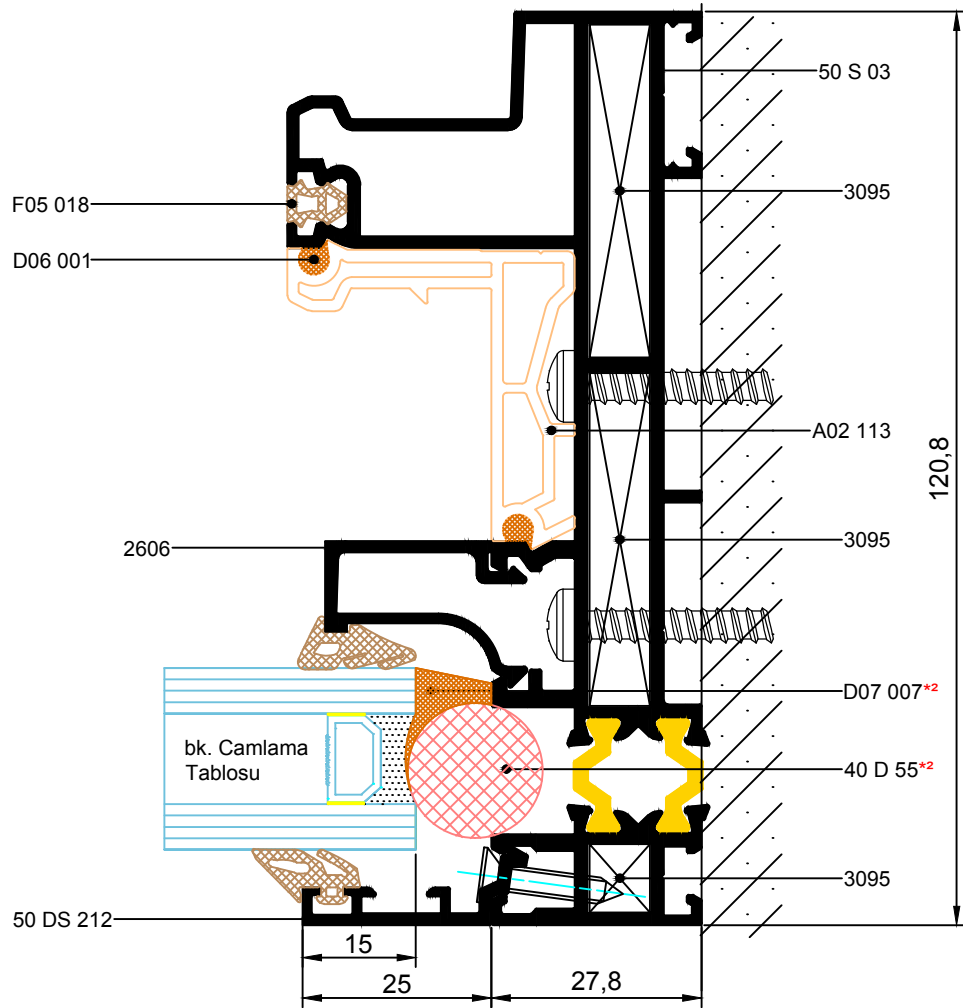
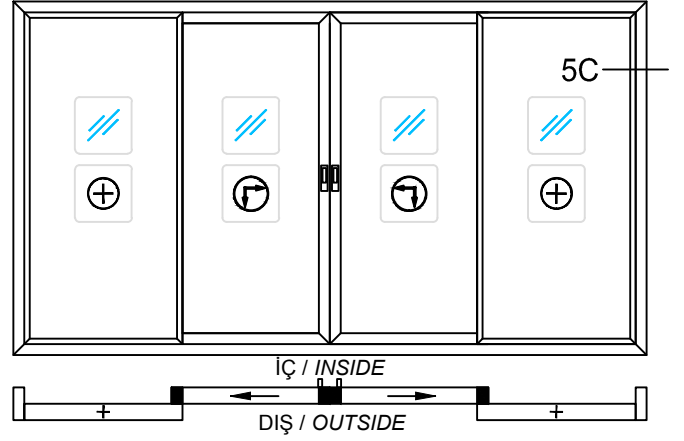
Ölçek Scale: 1/1

CUHADAROĞLU

Detay Çizimleri / Detail Drawings

Uygulama Tip C Dışta Sabitli Kasa / Application Type C Outside Fixed Frame

Detay / Detail 5C

İÇ
INSIDEDIŞ
OUTSIDE

Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

Ölçek Scale: 1/1

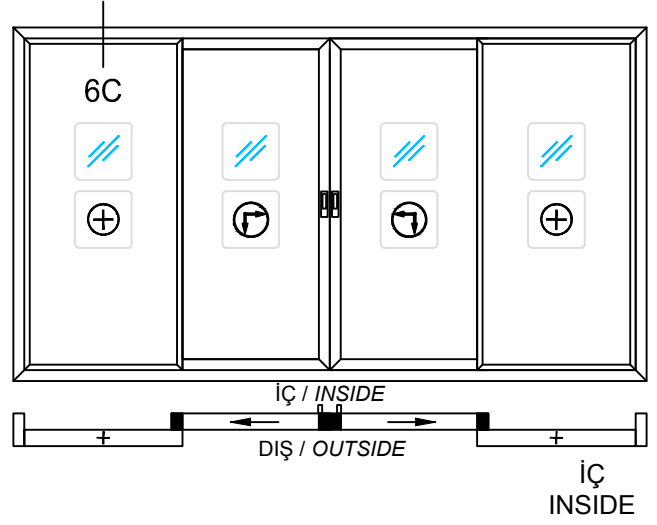
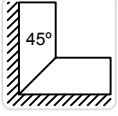
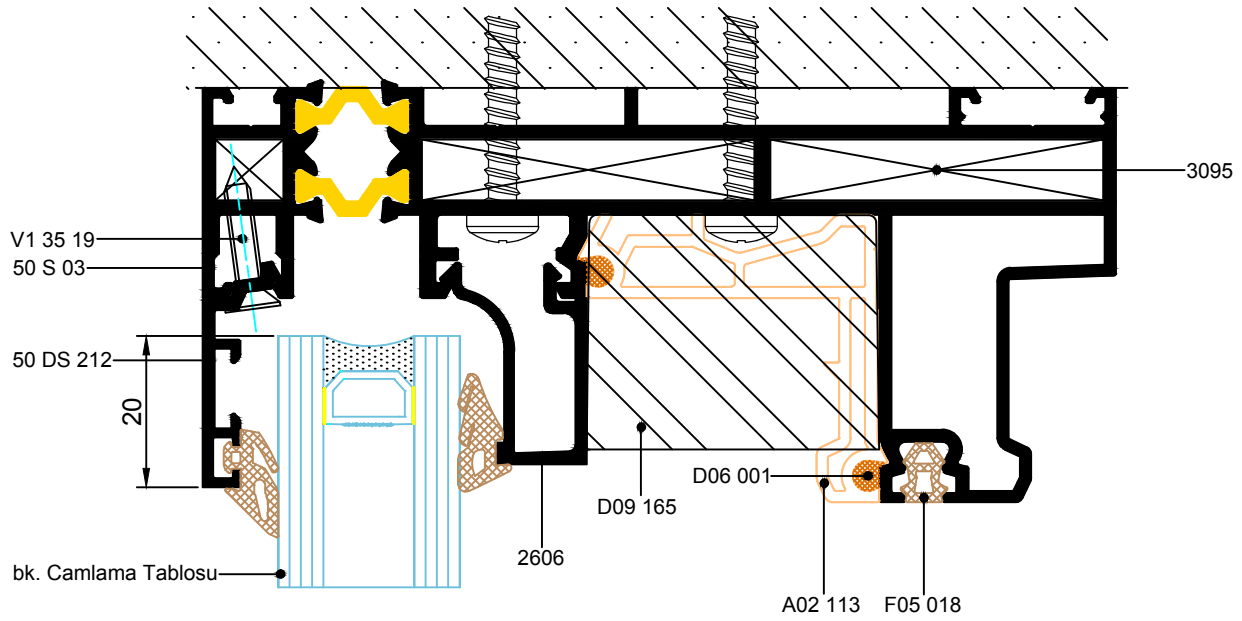
ÇUHADAROĞLU

SP.S50.00.08

Detay Çizimleri / Detail Drawings

Uygulama Tip C Dışta Sabitli Kasa / Application Type C Outside Fixed Frame

Detay / Detail 6C

DİŞ
OUTSIDEİÇ
INSIDE

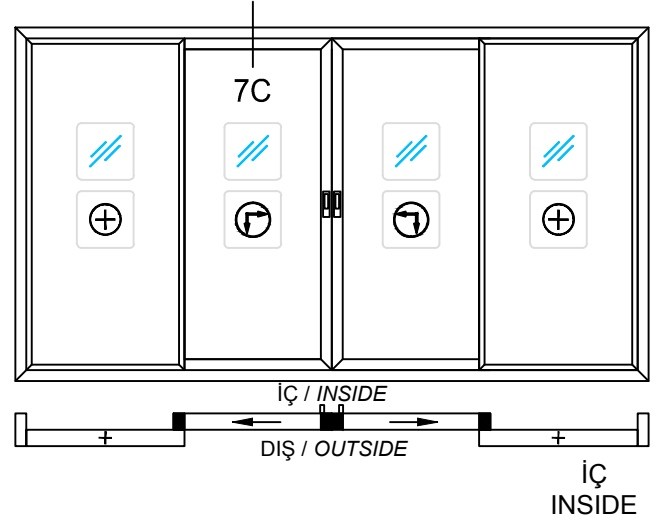
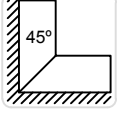
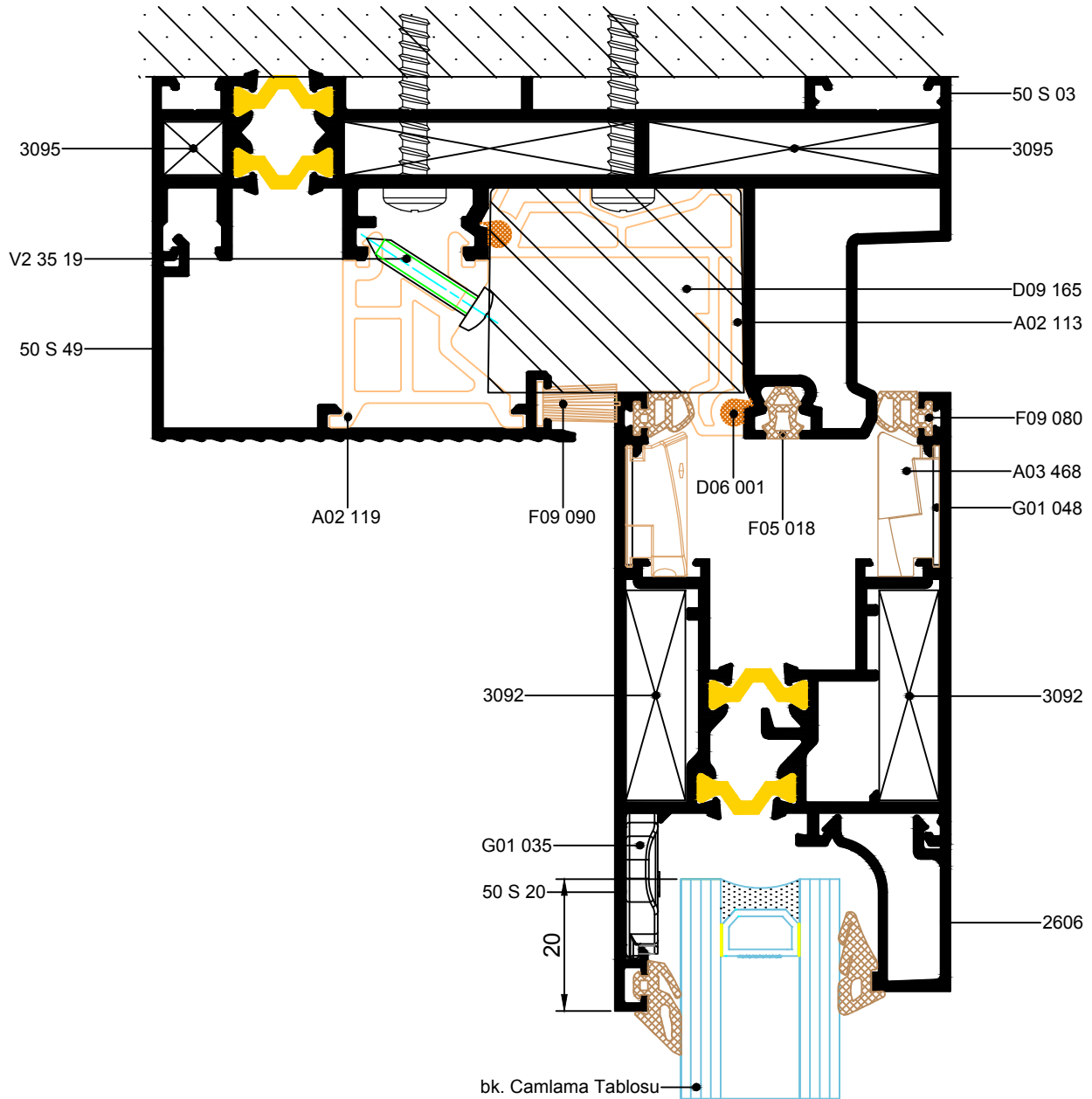
Ölçek Scale: 1/1

ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings

Uygulama Tip C Dışta Sabitli Kasa / Application Type C Outside Fixed Frame

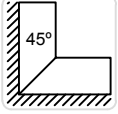
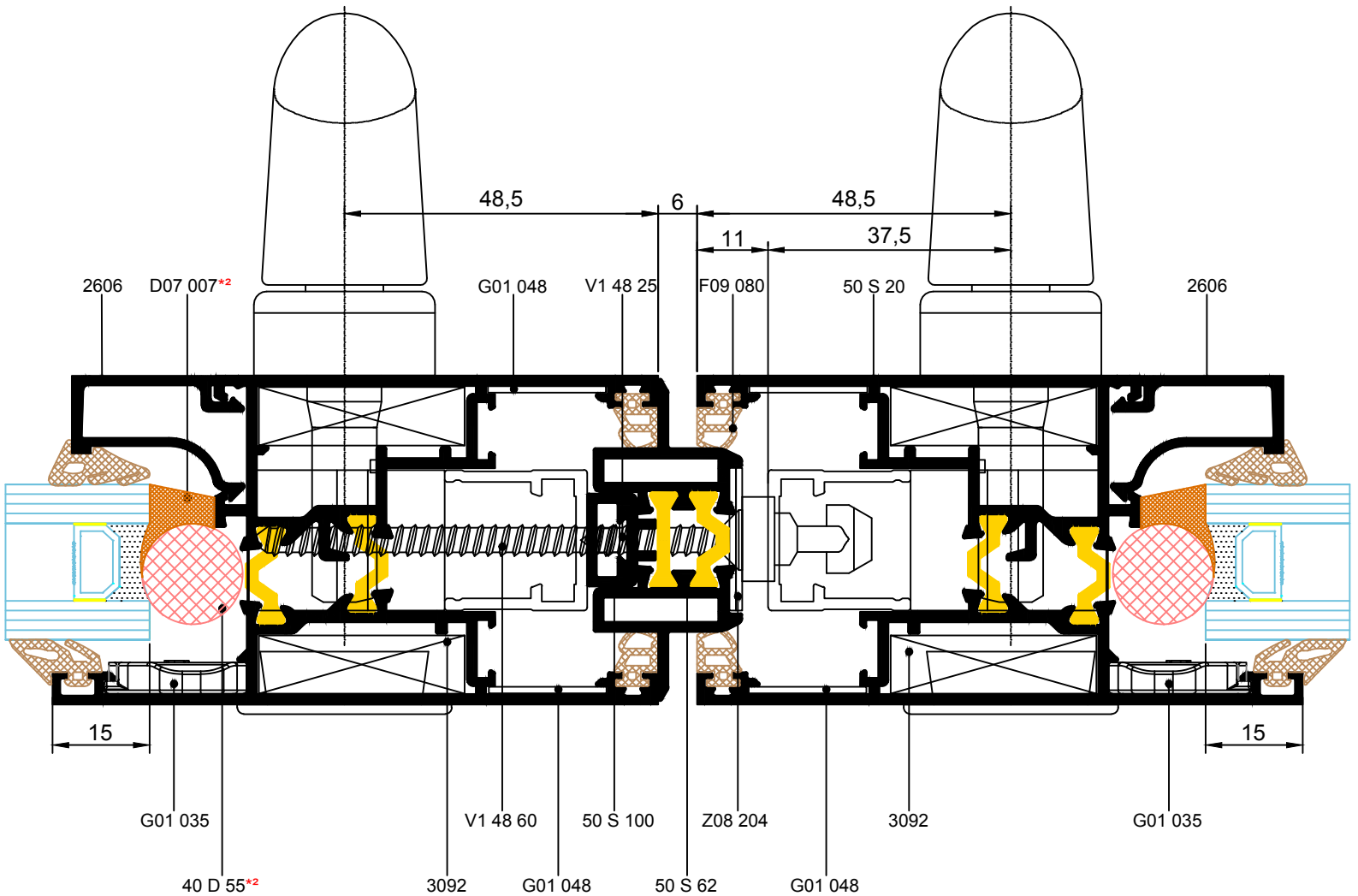
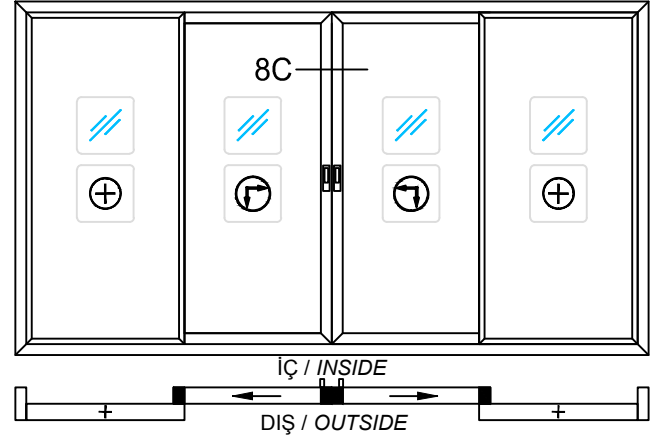
Detay / Detail 7C

DIŞ
OUTSIDEİÇ
INSIDE

Detay Çizimleri / Detail Drawings

Uygulama Tip C Dışta Sabitli Kasa / Application Type C Outside Fixed Frame

Detay / Detail 8C

İÇ
INSIDEDIŞ
OUTSIDE

Not: *1 İlgili ürünlerin temin süreleri standart temin süreleri dışında olup, temasa geçilmesi önem taşımaktadır.

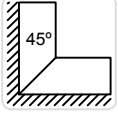
Note: *1 Supply periods of related products are out of the standard supply periods and it is important to contact the bases.

Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

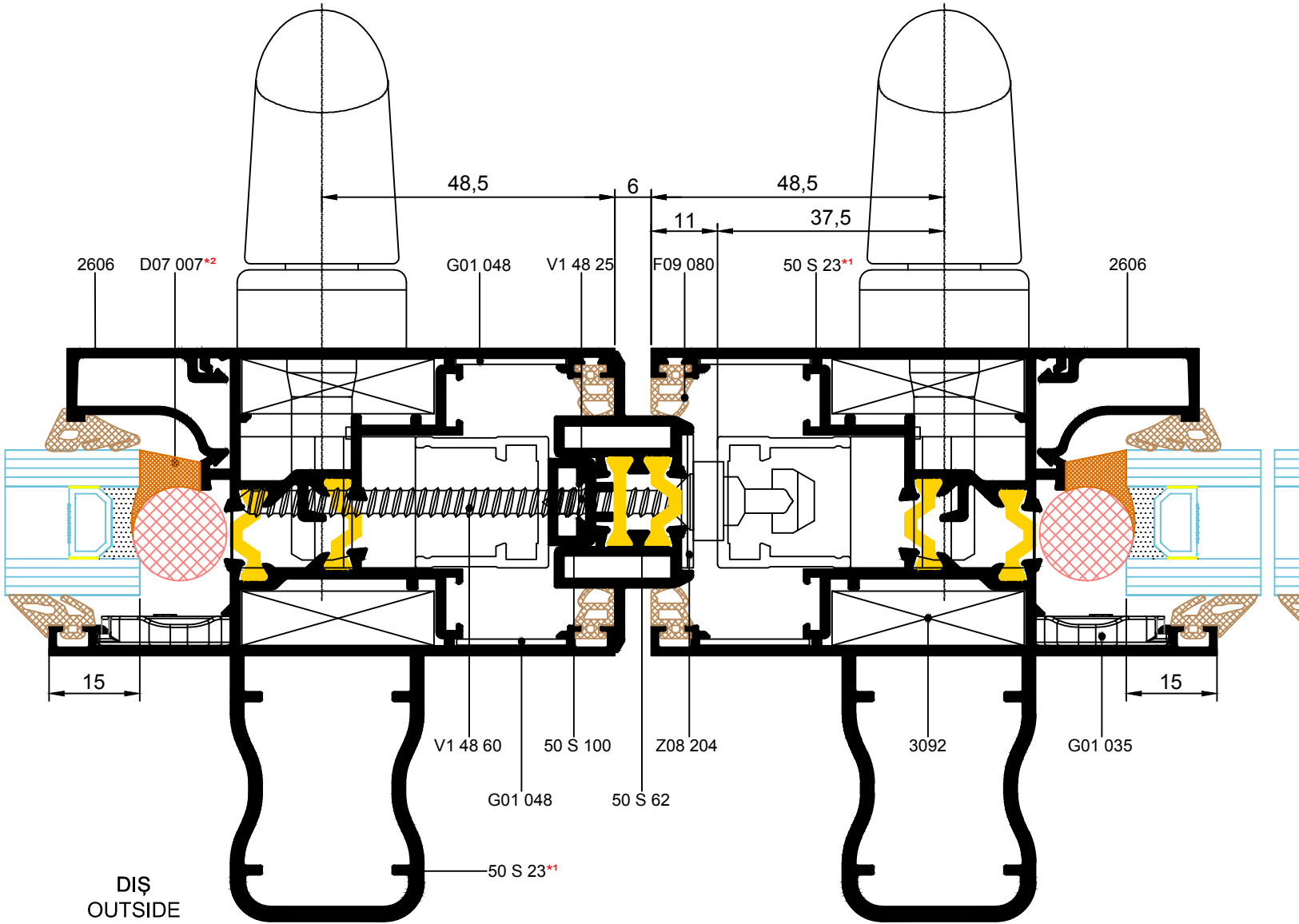
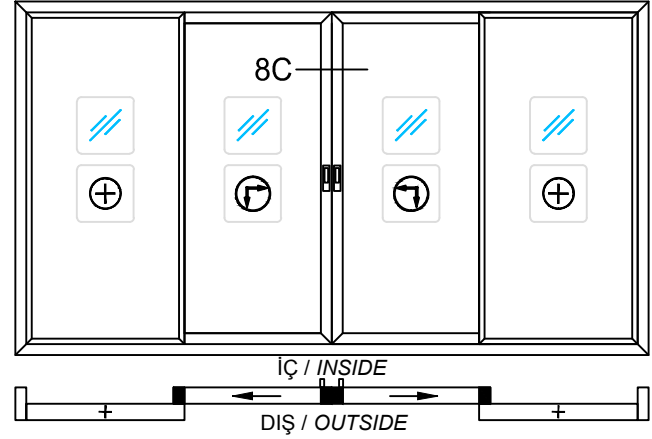
Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

Ölçek Scale: 1/1

Detay Çizimleri / Detail Drawings
Alternatif Kanat Detayı / Alternative Sash Detail
Detay / Detail 8C



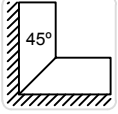
İÇ
INSIDE



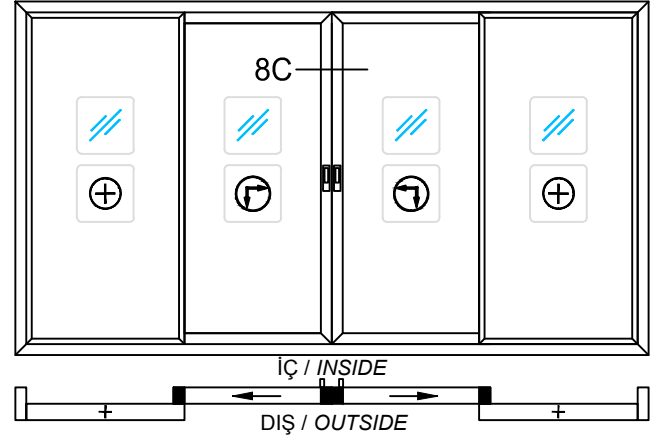
DIŞ
OUTSIDE

Not: *1 İlgili ürünlerin temin süreleri standart temin süreleri dışında olup, temasa geçilmesi önem taşımaktadır.
Note: *1 Supply periods of related products are out of the standard supply periods and it is important to contact the bases.
Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.
Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

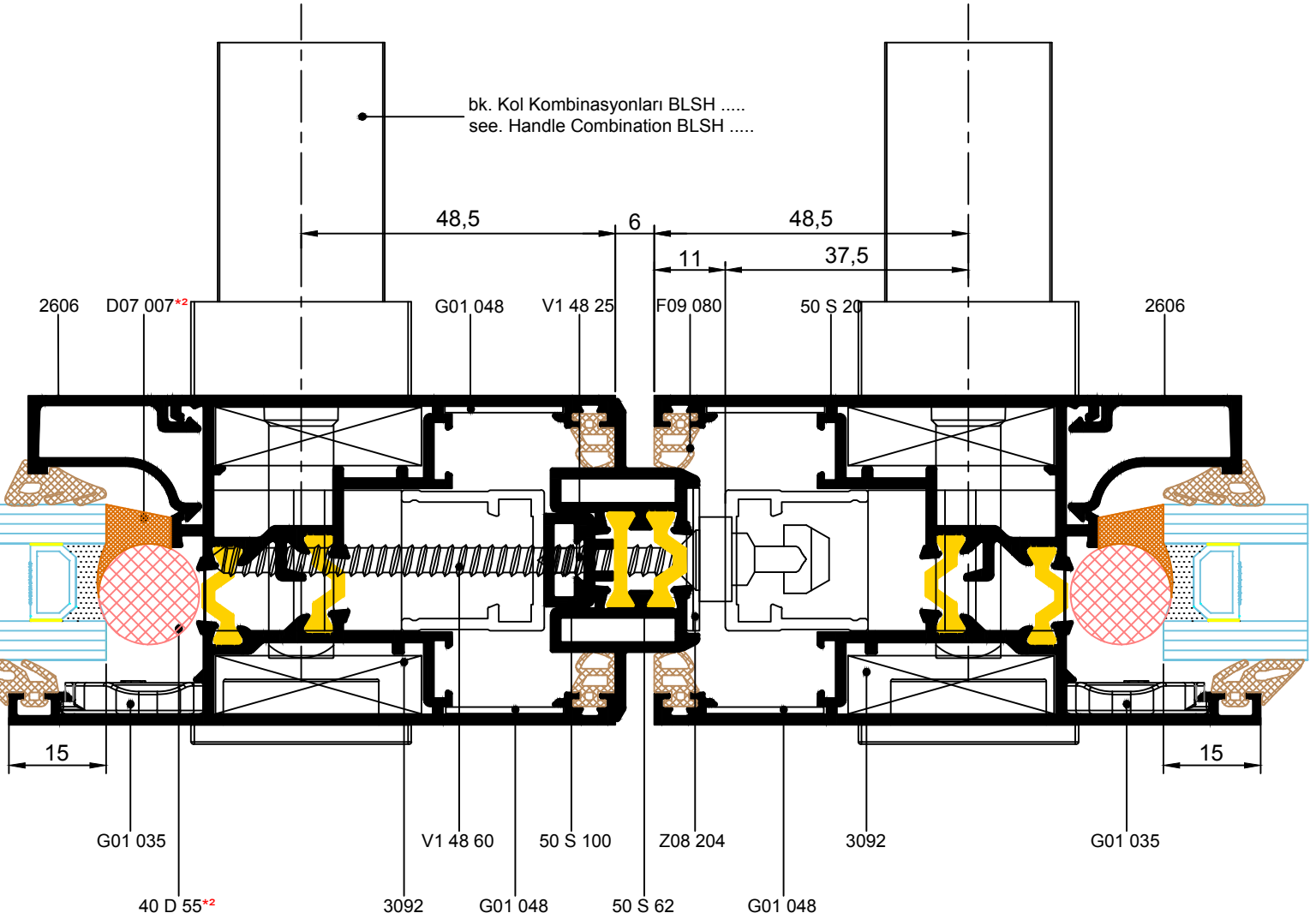
Detay Çizimleri / Detail Drawings
Alternatif Kol Detayı / Alternative Handle Detail
Detay / Detail 8C



İÇ
INSIDE



bk. Kol Kombinasyonları BLSH
see. Handle Combination BLSH



DIŞ
OUTSIDE

Not: *1 İlgili ürünlerin temin süreleri standart temin süreleri dışında olup, temasa geçilmesi önem taşımaktadır.
Note: *1 Supply periods of related products are out of the standard supply periods and it is important to contact the bases.
Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.
Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

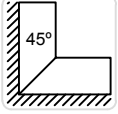
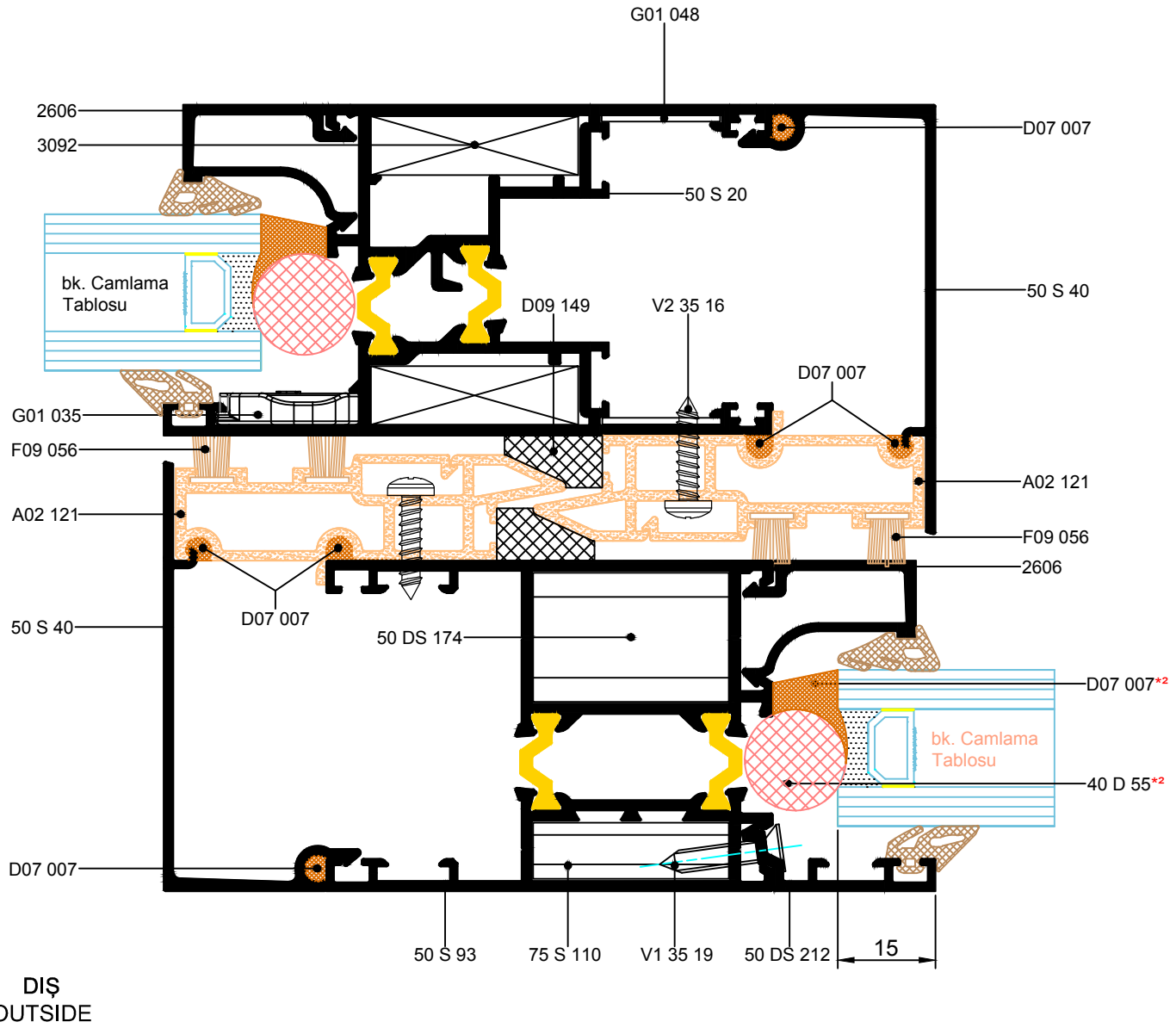
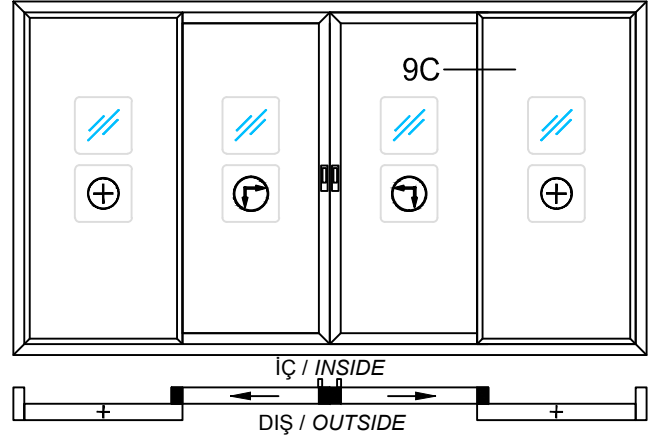
Ölçek Scale: 1/1

ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings

Uygulama Tip C Dışta Sabitli Kasa / Application Type C Outside Fixed Frame

Detay / Detail 9C

İÇ
INSIDEDIŞ
OUTSIDE

Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

Ölçek Scale: 1/1

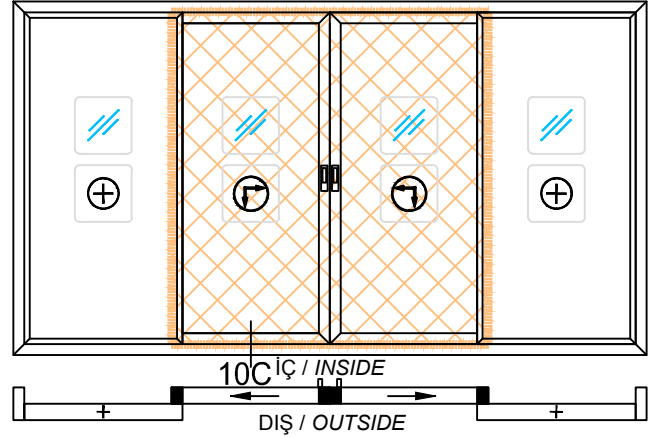
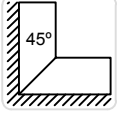
ÇUHADAROĞLU

SP.S50.00.08

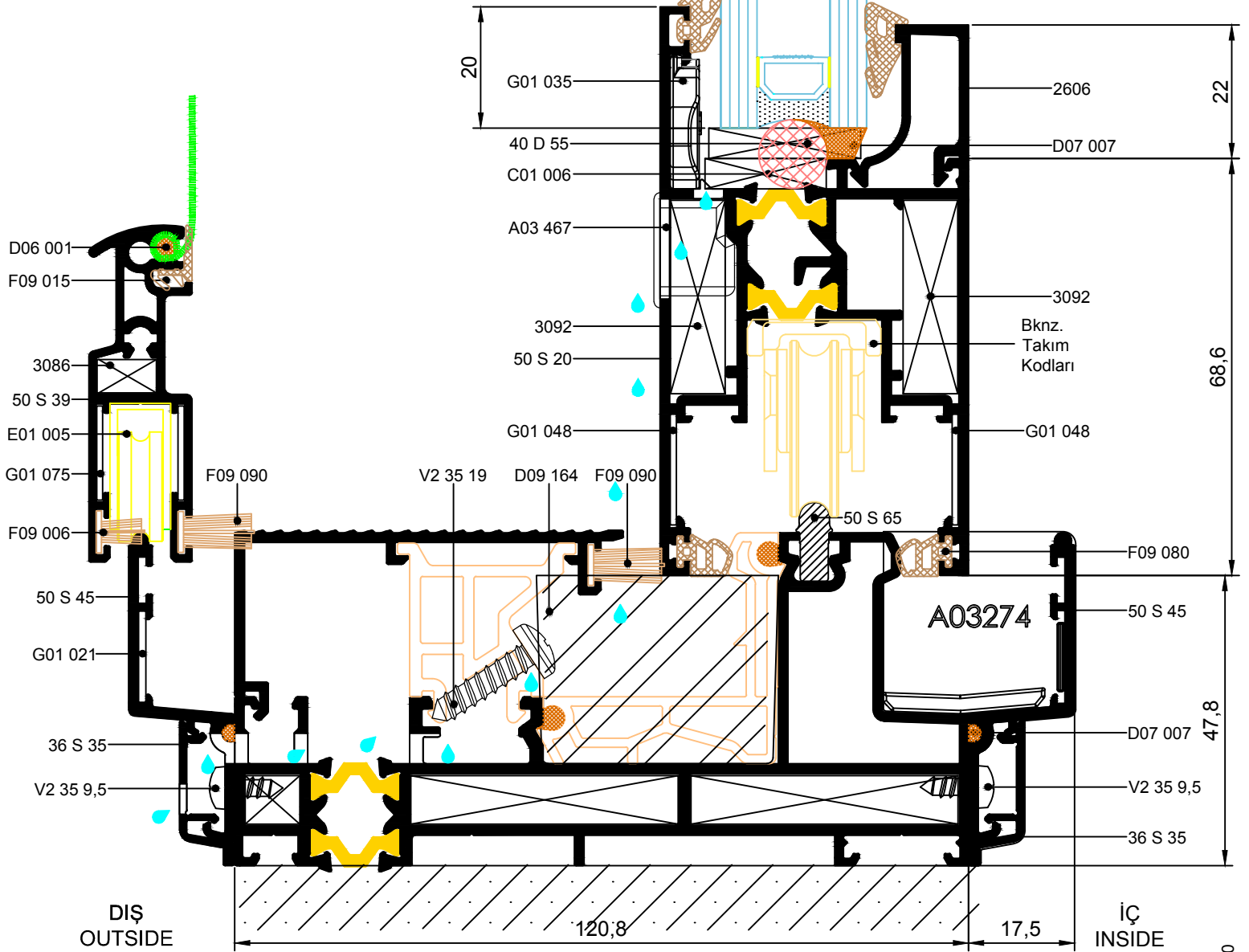
Detay Çizimleri / Detail Drawings

Uygulama Tip C Dışta Sabitli Kasa / Application Type C Outside Fixed Frame

Detay / Detail 10C



bk. Camlama Tablosu



Ölçek Scale: 1/1

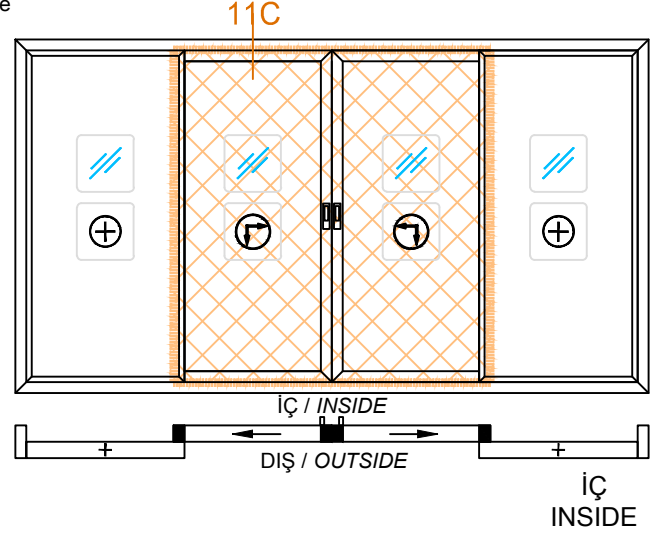
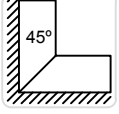
ÇUHADAROĞLU

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TEMMUZ / JULY 2020

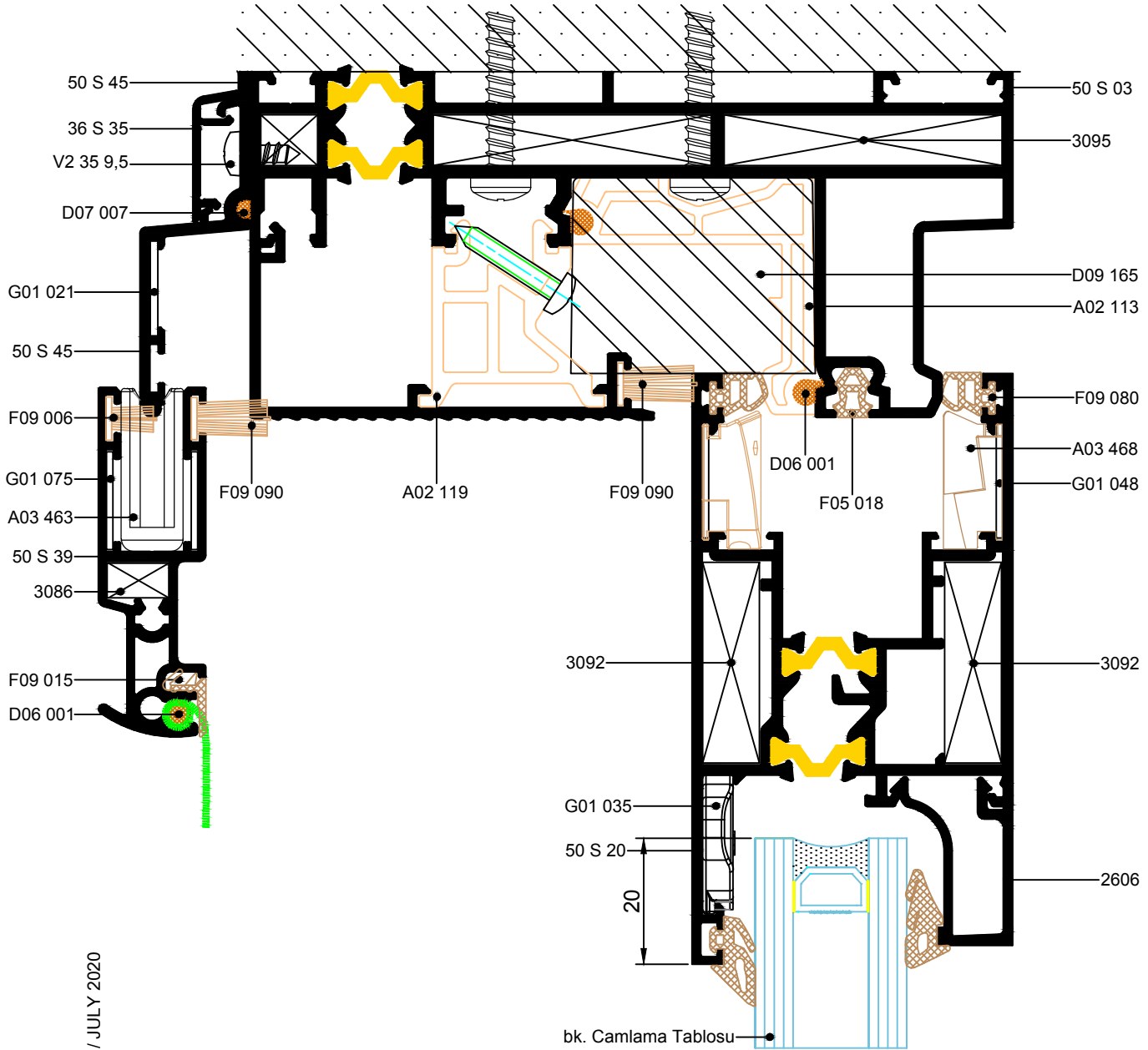
8/3-12

Detay Çizimleri / Detail Drawings
Uygulama Tip C Dışta Sabitli Kasa / Application Type C Outside Fixed Frame
Detay / Detail 11C



DIŞ
OUTSIDE

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INSIDE



TEMMUZ / JULY 2020

8/3-13

Ölçek Scale: 1/1

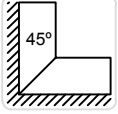
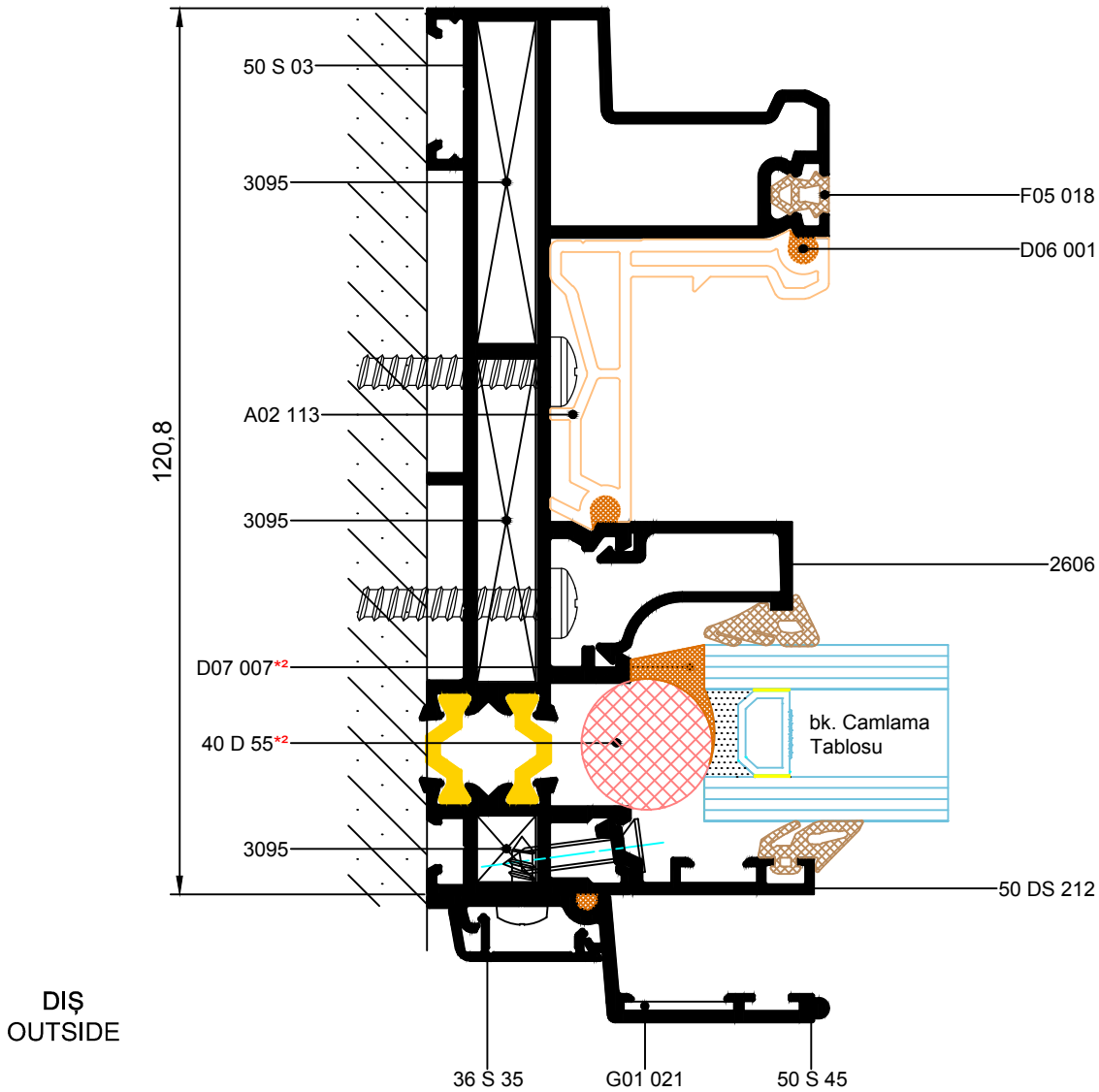
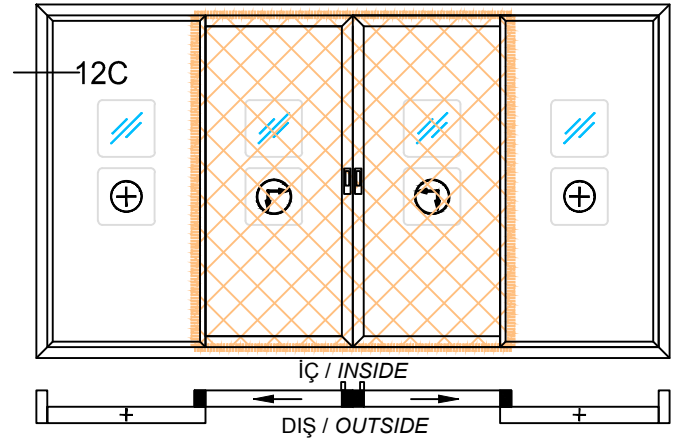
ÇUHADAROĞLU

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Detay Çizimleri / Detail Drawings

Uygulama Tip C Dışta Sabitli Kasa / Application Type C Outside Fixed Frame

Detay / Detail 12C

İÇ
INSIDE

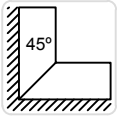
Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

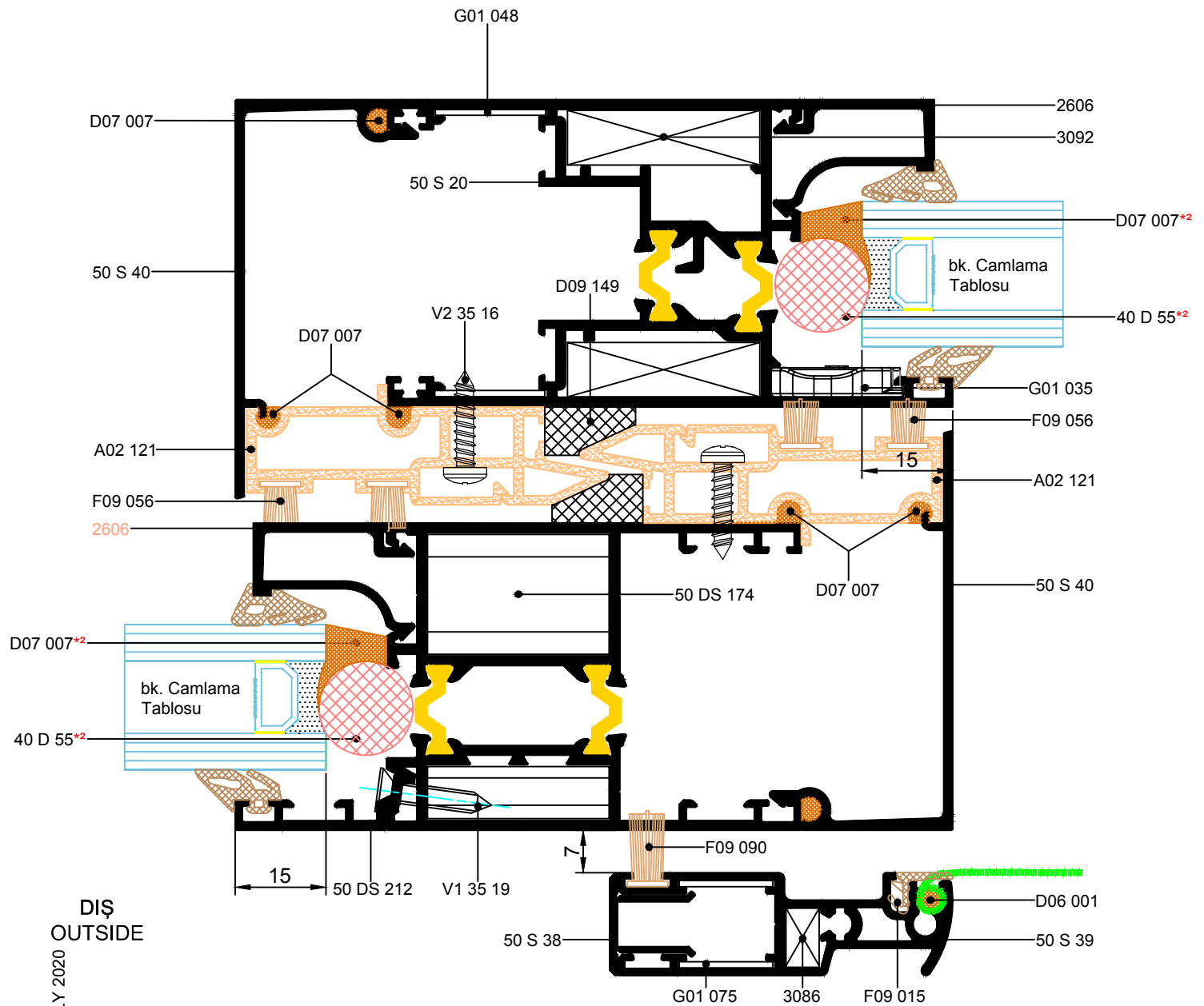
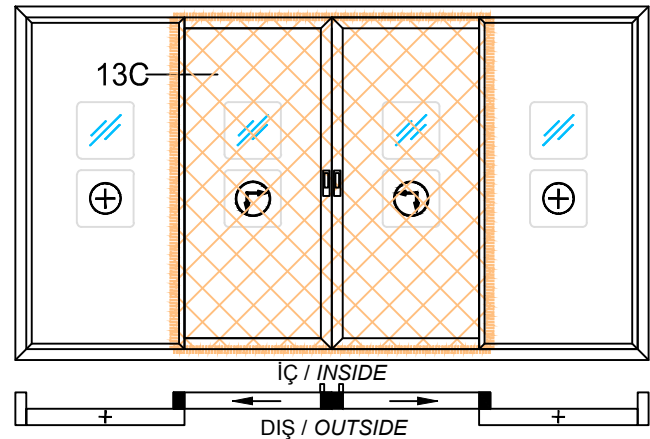
Ölçek Scale: 1/1

ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings
Uygulama Tip C Dışta Sabitli Kasa / Application Type C Outside Fixed Frame
Detay / Detail 13C



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INSIDE



Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.
Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

Ölçek Scale: 1/1

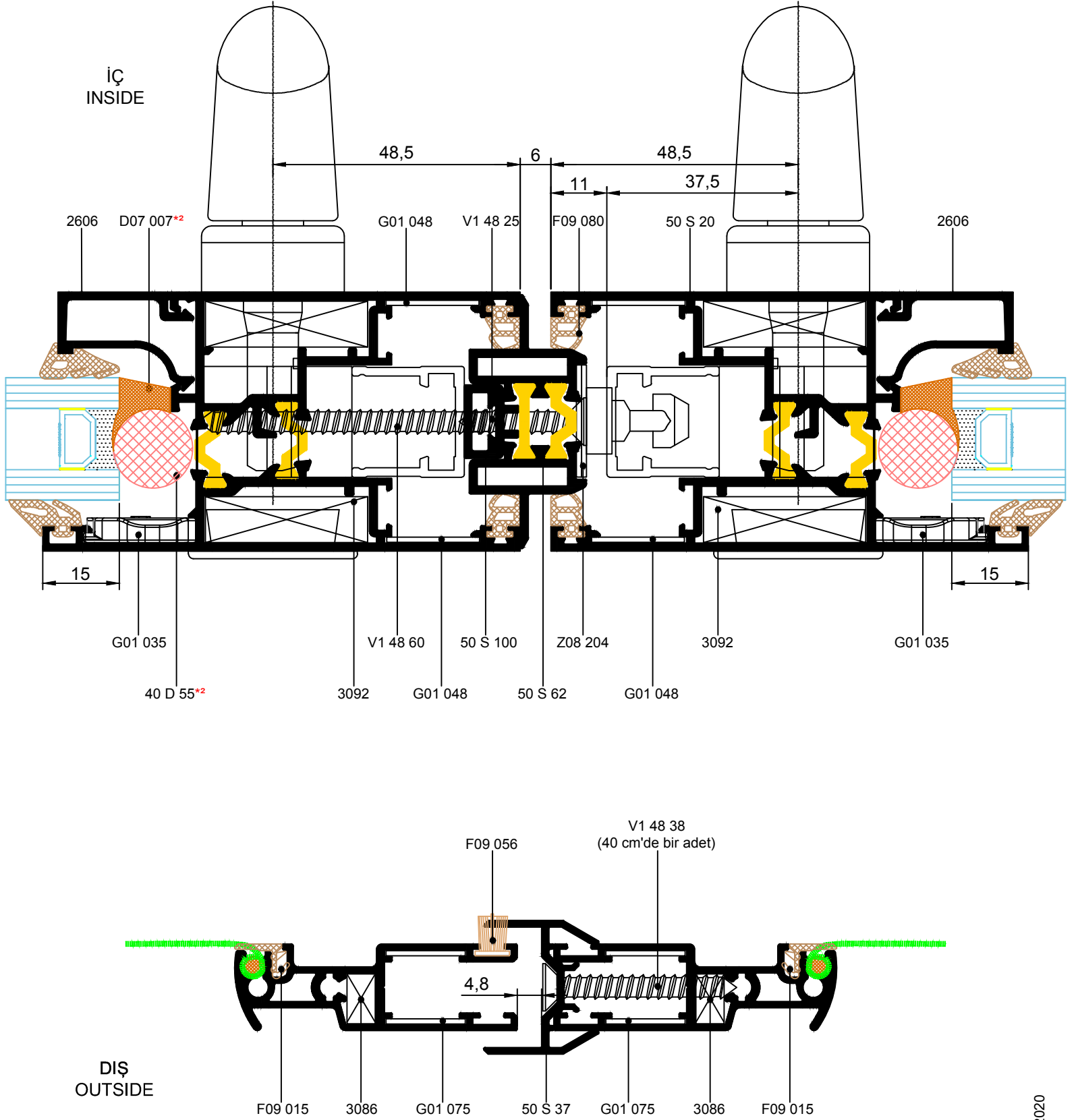
CUHADAROĞLU

SP.S50.00.08

Detay Çizimleri / Detail Drawings

Uygulama Tip C Dışta Sabitli Kasa / Application Type C Outside Fixed Frame

Detay / Detail 14C

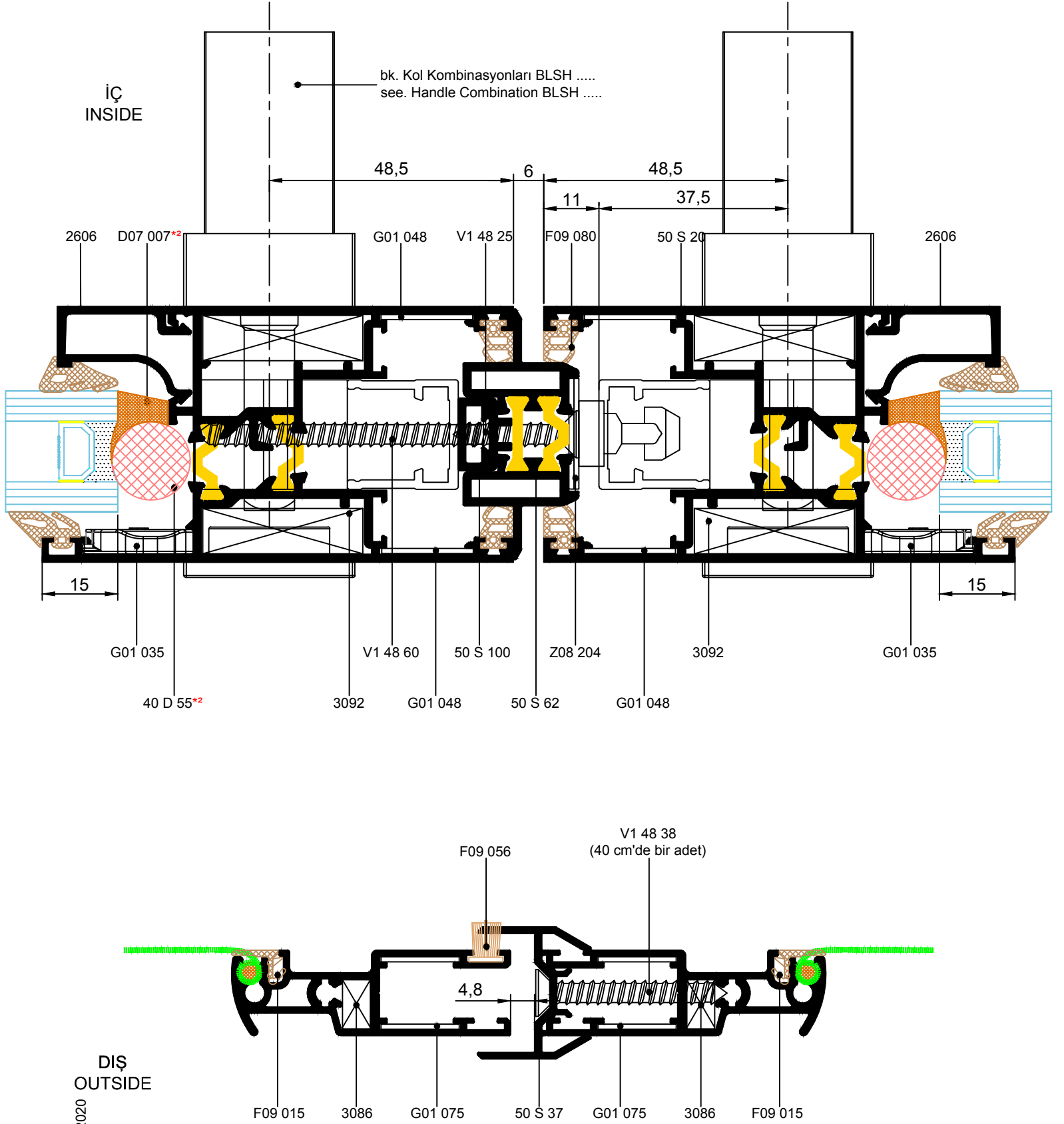


Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

Ölçek Scale: 1/1

Detay Çizimleri / Detail Drawings
Alternatif Kol Detayı / Alternative Handle Detail
Detay / Detail 14C



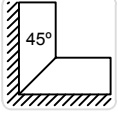
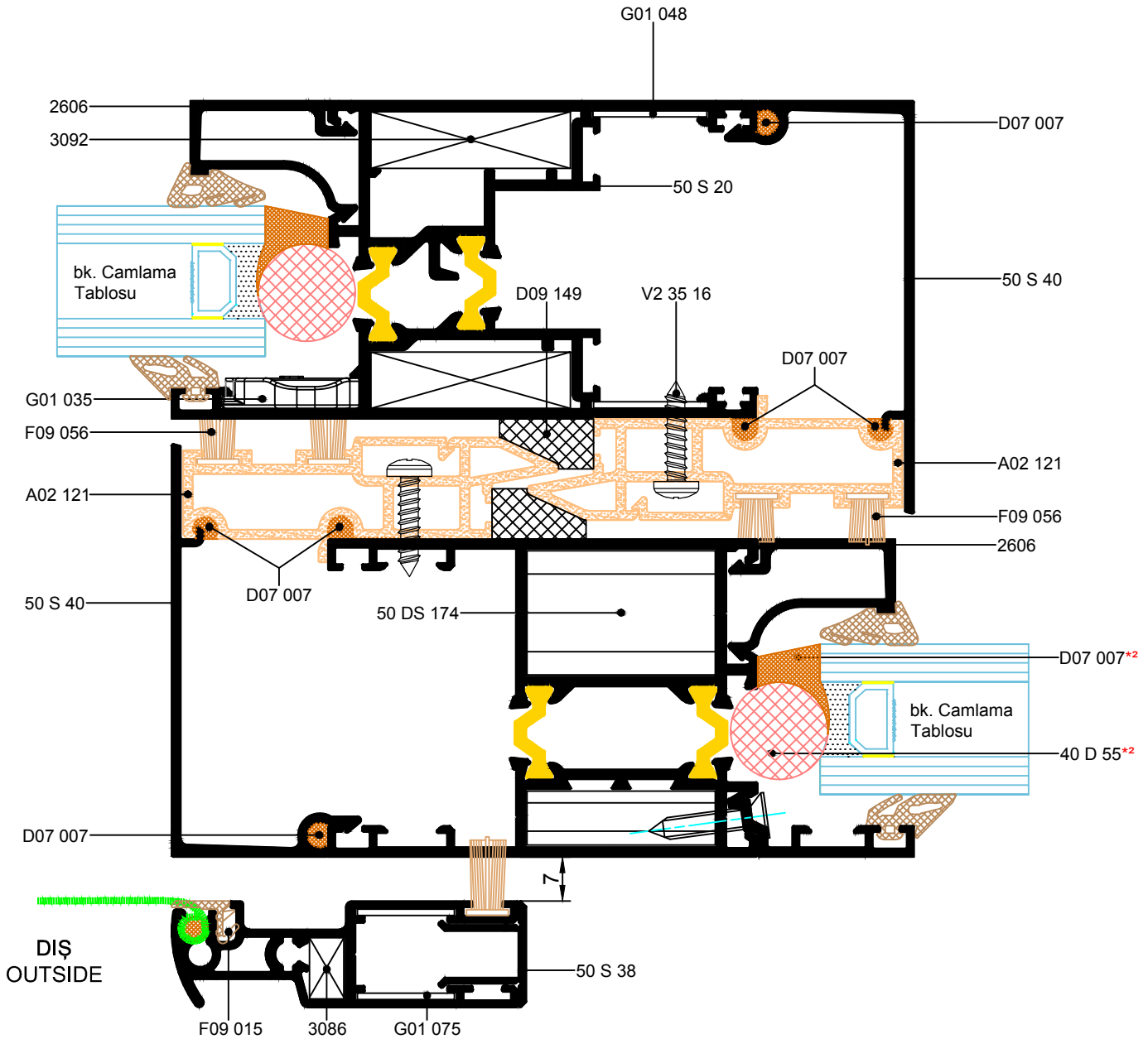
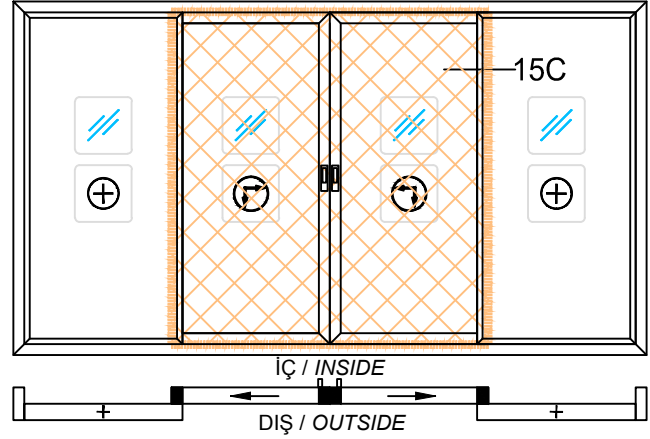
Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.
Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

Ölçek Scale: 1/1

Detay Çizimleri / Detail Drawings

Uygulama Tip C Dışta Sabitli Kasa / Application Type C Outside Fixed Frame

Detay / Detail 15C

İÇ
INSIDE

Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

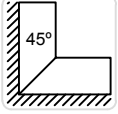
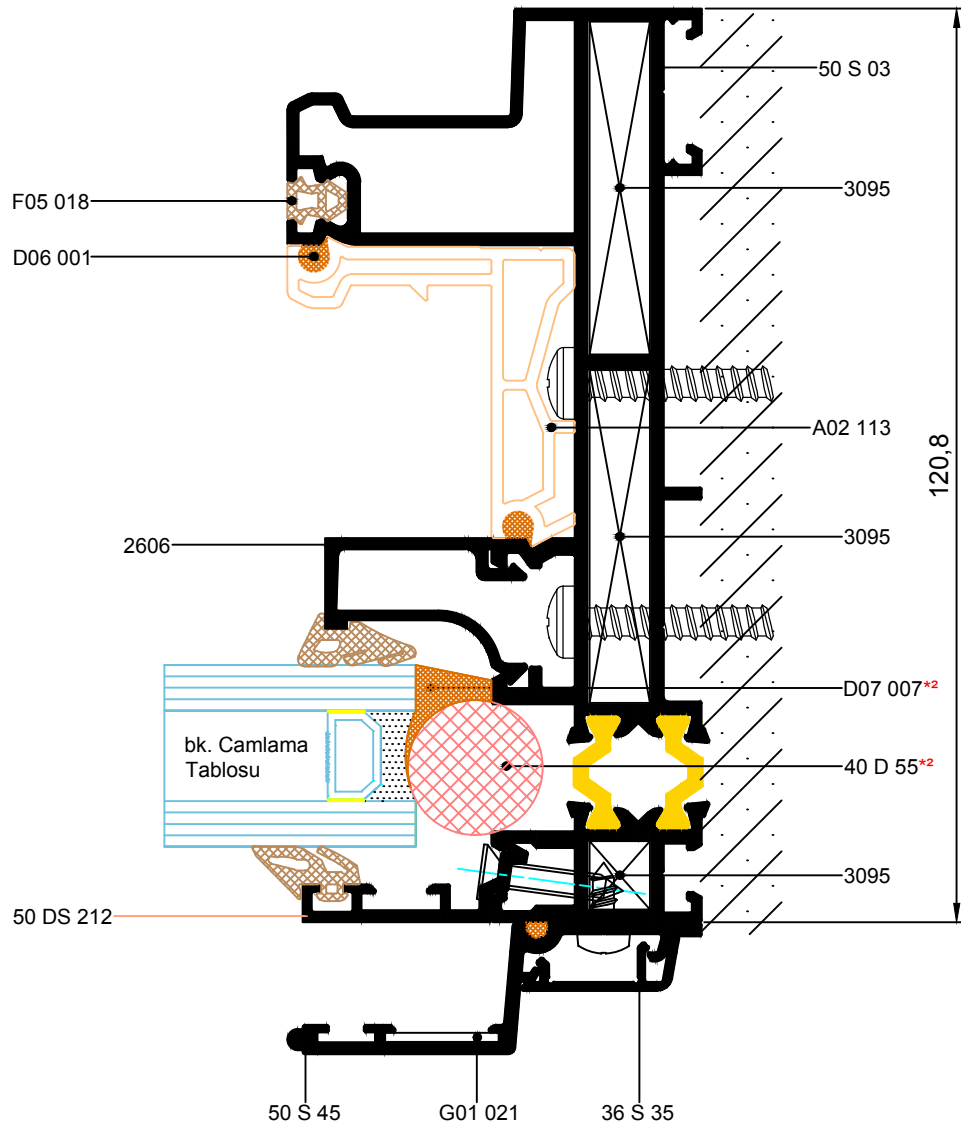
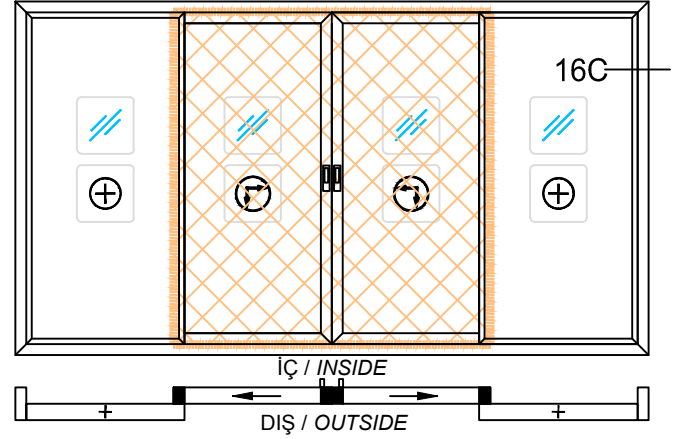
Ölçek Scale: 1/1

ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings

Uygulama Tip C Dışta Sabitli Kasa / Application Type C Outside Fixed Frame

Detay / Detail 16C

İÇ
INSIDEDİŞ
OUTSIDE

Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

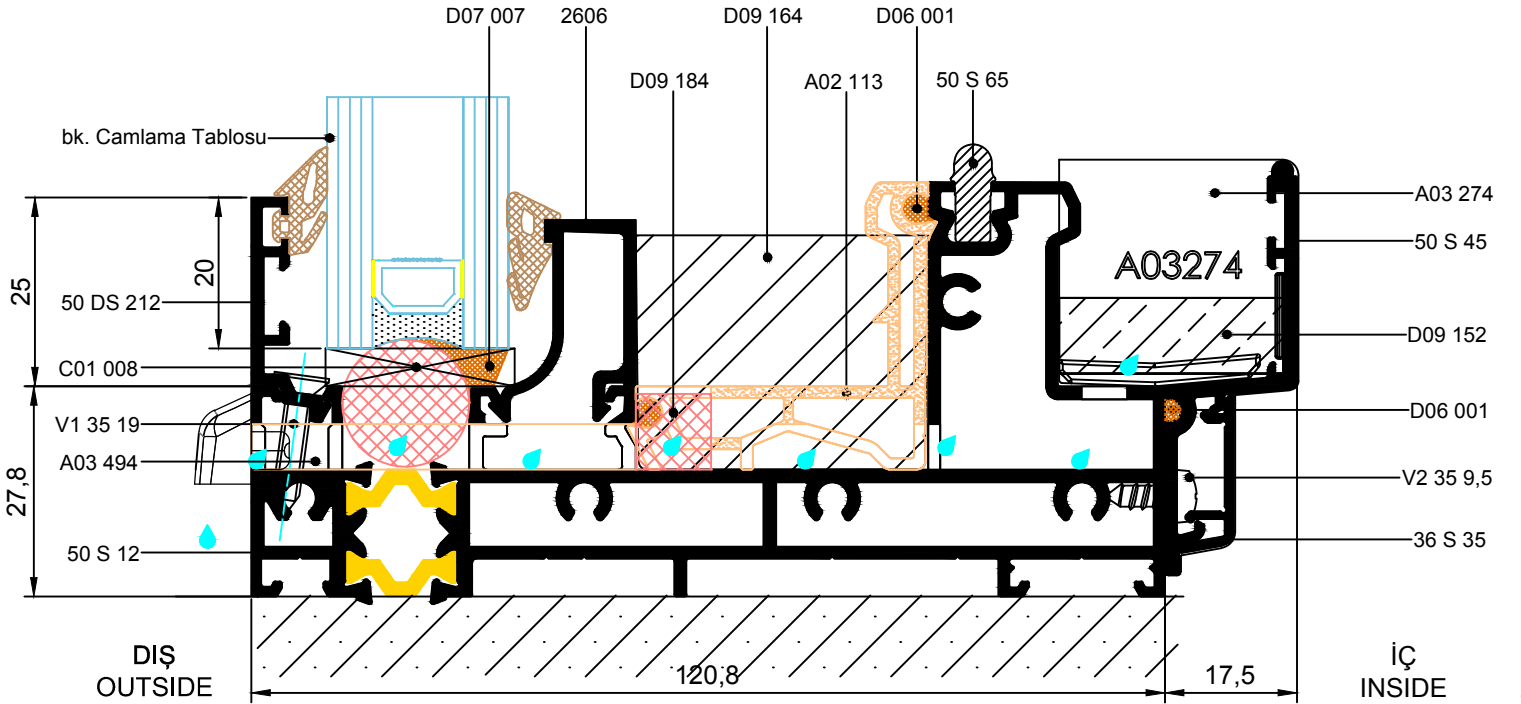
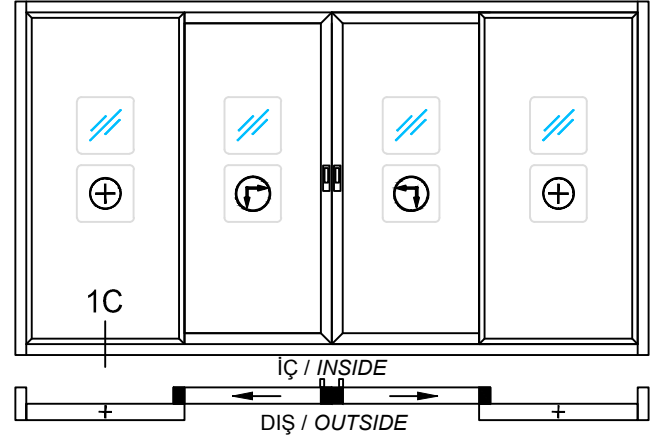
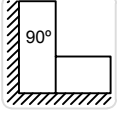
Ölçek Scale: 1/1

ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings

Uygulama Tip C Dışta Sabitli Kasa / Application Type C Outside Fixed Frame

Alternatif 90 Kasa Birleşim Detayı / Alternative 90 Frame Connection Detail 1C

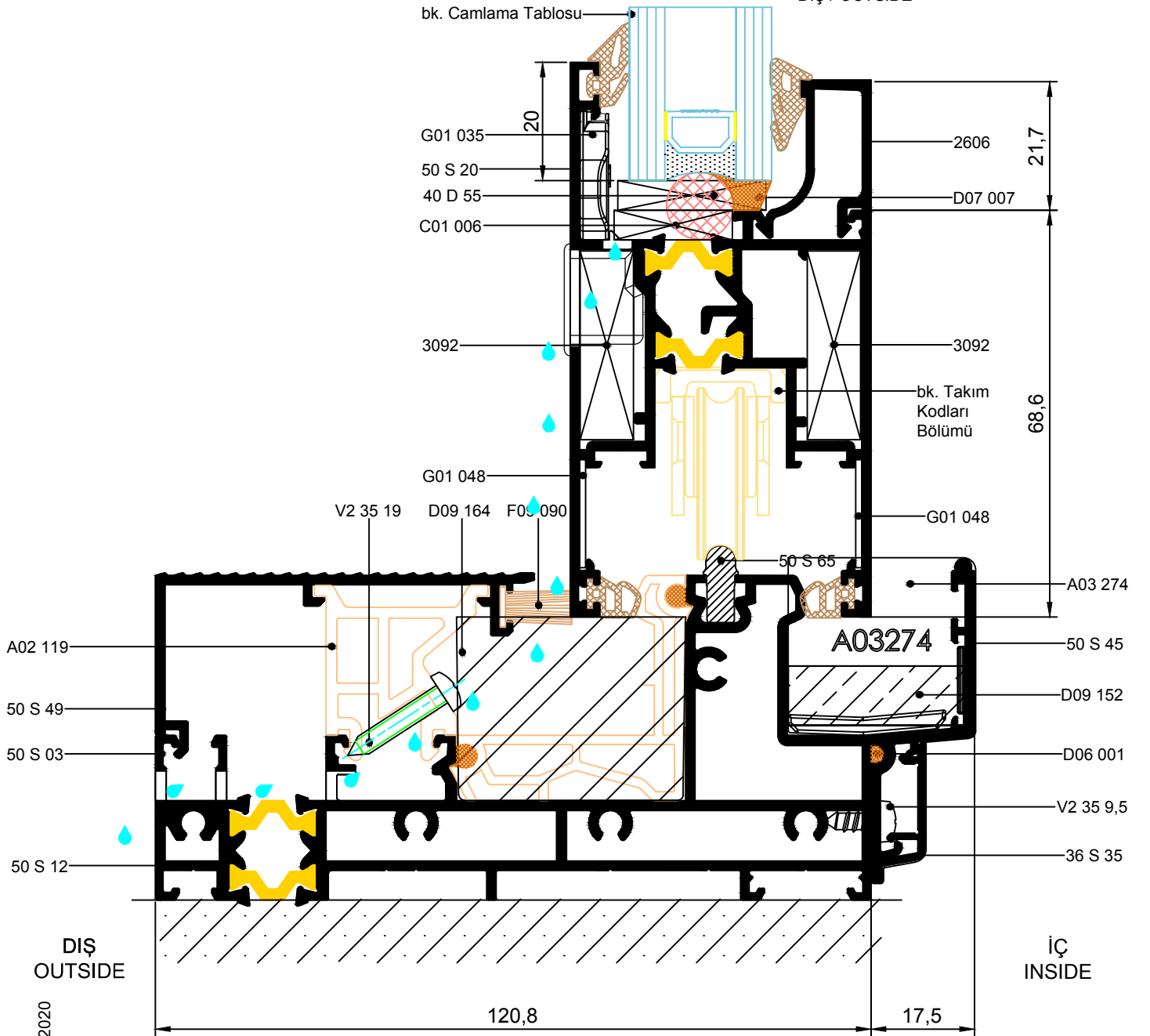
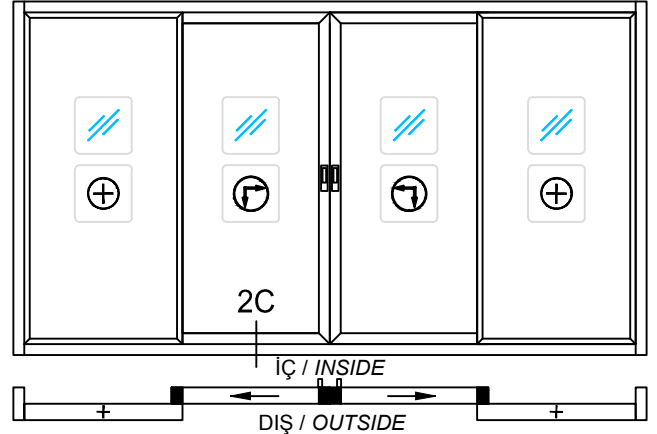
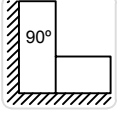


Ölçek Scale: 1/1

Detay Çizimleri / Detail Drawings

Uygulama Tip C Dışta Sabitli Kasa / Application Type C Outside Fixed Frame

Alternatif 90 Kasa Birleşim Detayı / Alternative 90 Frame Connection Detail 2C



MAYIS / MAY 2020

8/3-21

Ölçek Scale: 1/1

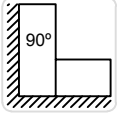
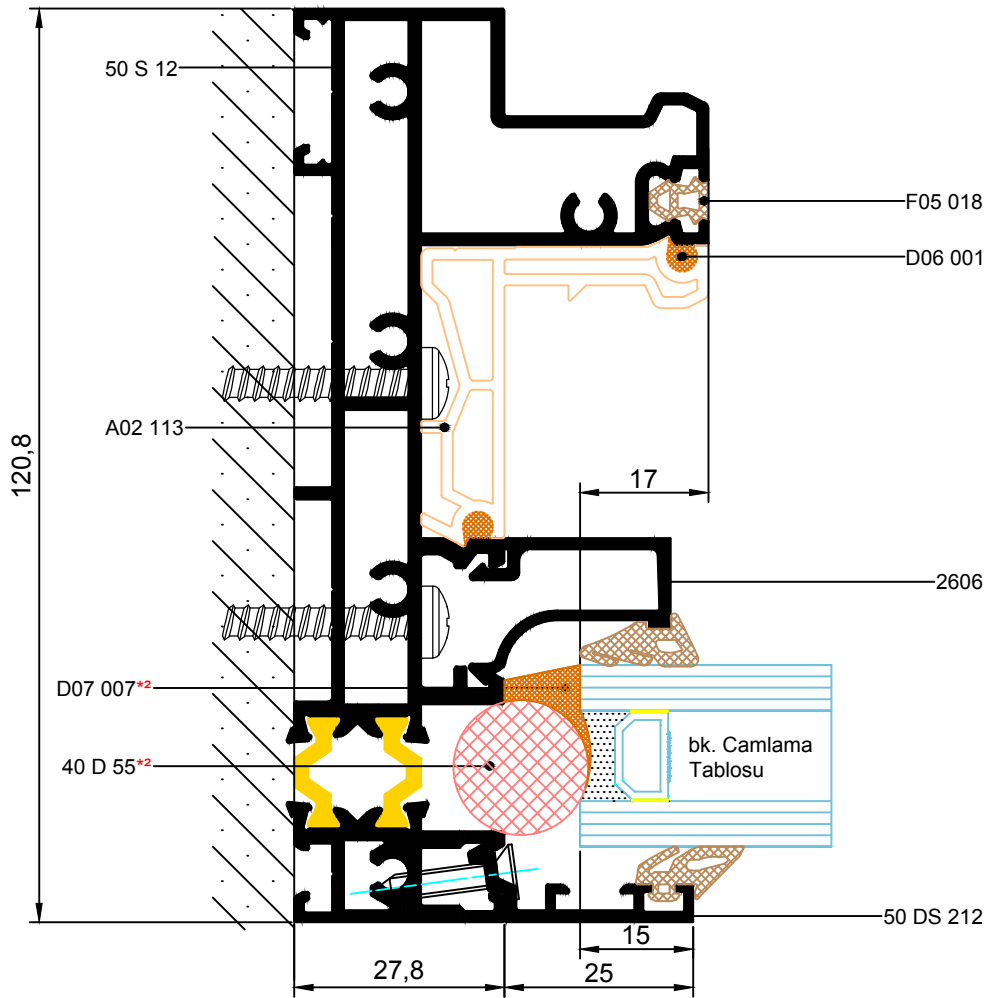
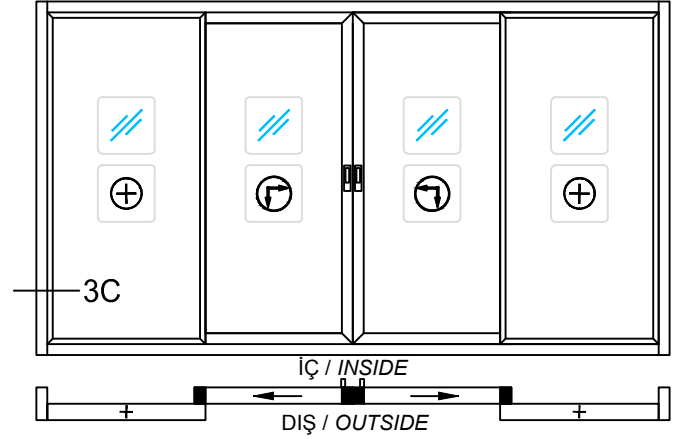
ÇUHADAROĞLU

SP.S50.00.08

Detay Çizimleri / Detail Drawings

Uygulama Tip C Dışta Sabitli Kasa / Application Type C Outside Fixed Frame

Alternatif 90 Kasa Birleşim Detayı / Alternative 90 Frame Connection Detail 3C

İÇ
INSIDEDIŞ
OUTSIDE

Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

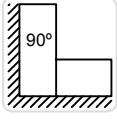
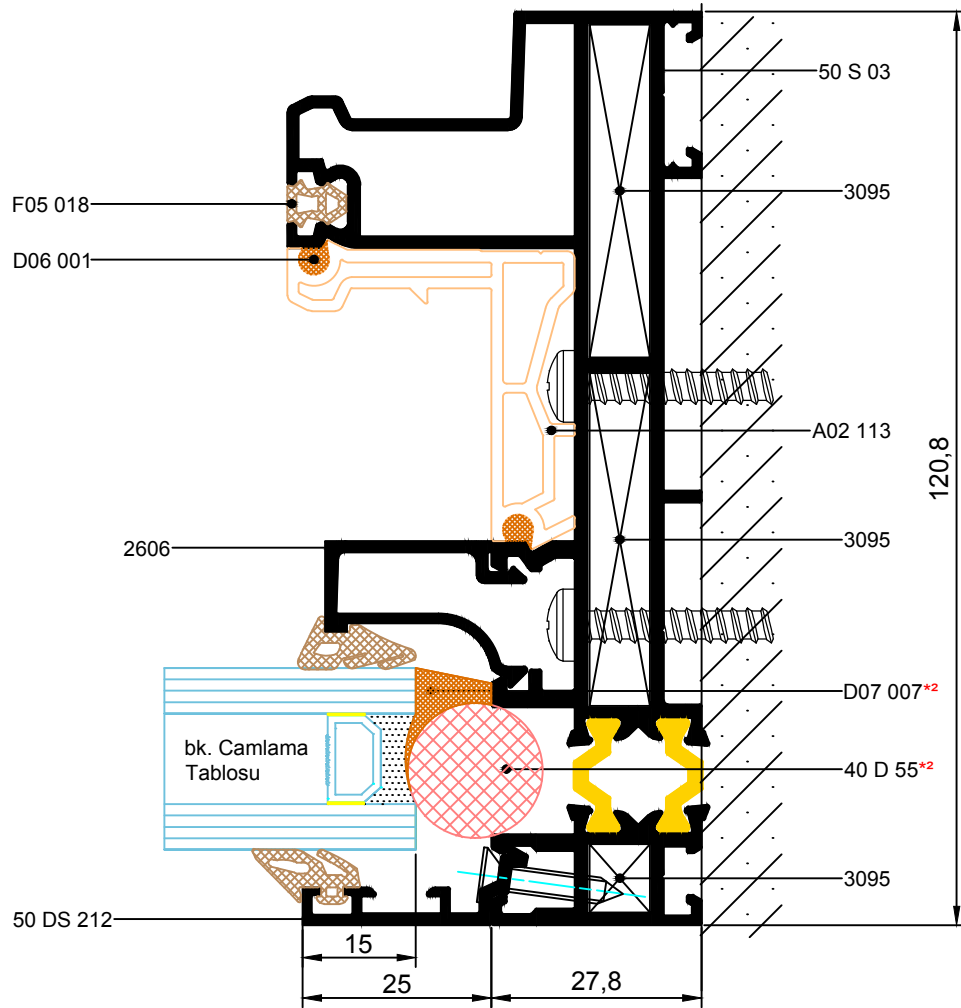
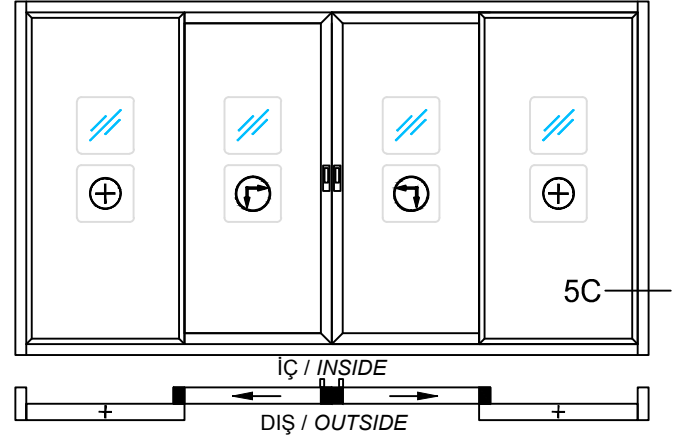
Ölçek Scale: 1/1

ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings

Uygulama Tip C Dışta Sabitli Kasa / Application Type C Outside Fixed Frame

Alternatif 90 Kasa Birleşim Detayı / Alternative 90 Frame Connection Detail 5C

İÇ
INSIDEDIŞ
OUTSIDE

Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

Ölçek Scale: 1/1

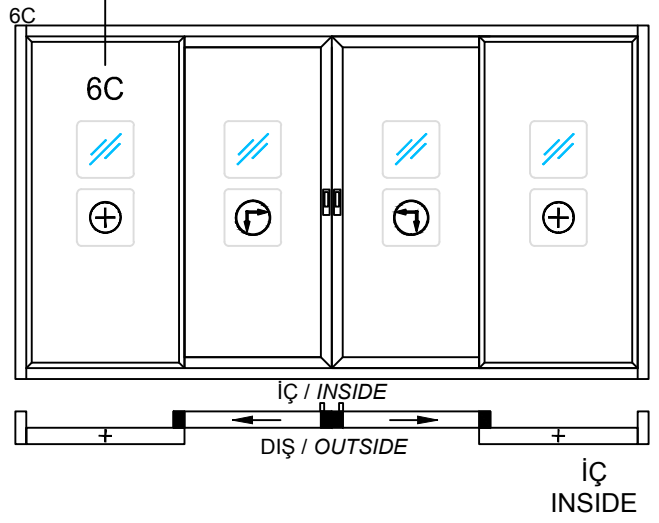
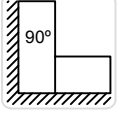
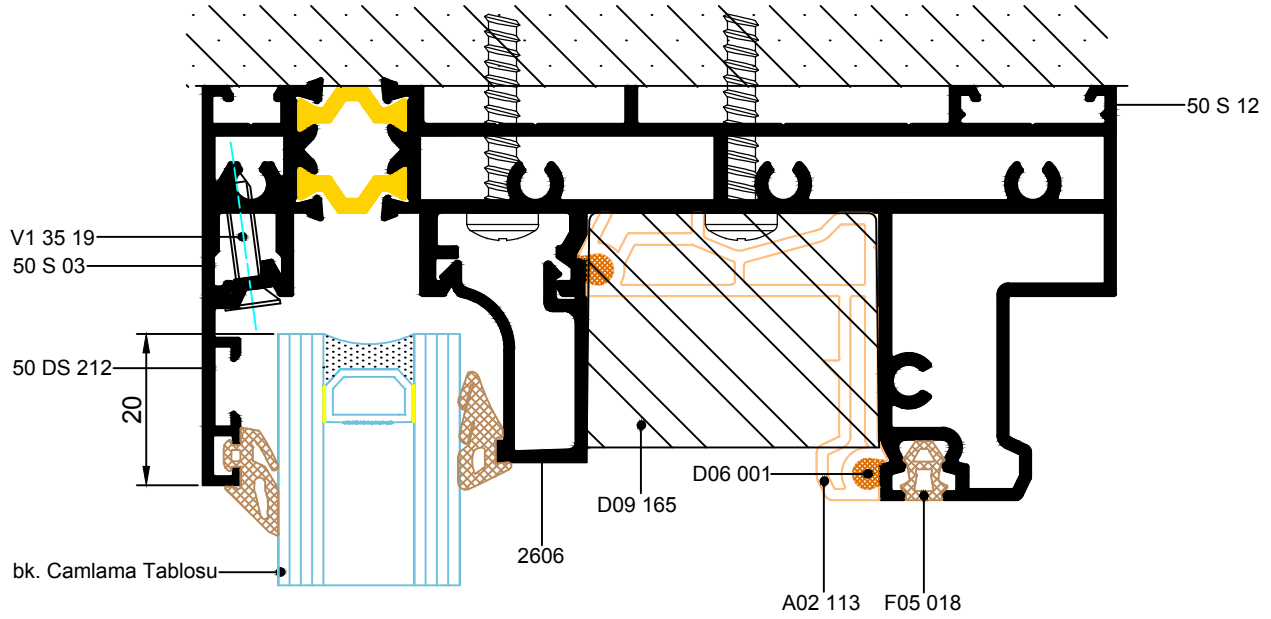
ÇUHADAROĞLU

SP.S50.00.08

Detay Çizimleri / Detail Drawings

Uygulama Tip C Dışta Sabitli Kasa / Application Type C Outside Fixed Frame

Alternatif 90 Kasa Birleşim Detayı / Alternative 90 Frame Connection Detail

DIŞ
OUTSIDEİÇ
INSIDE

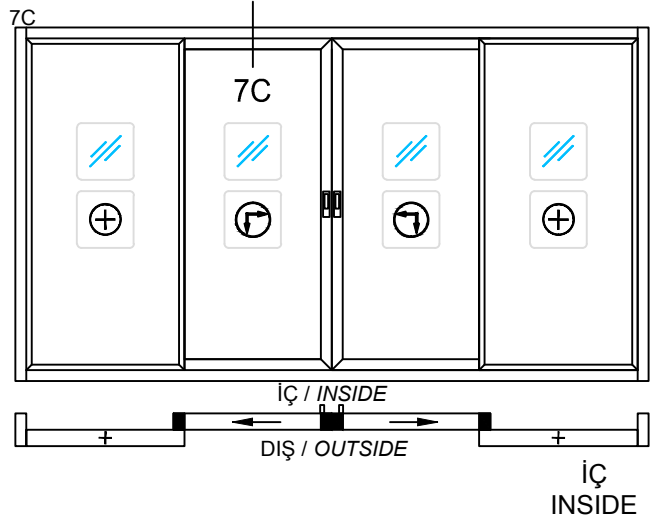
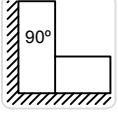
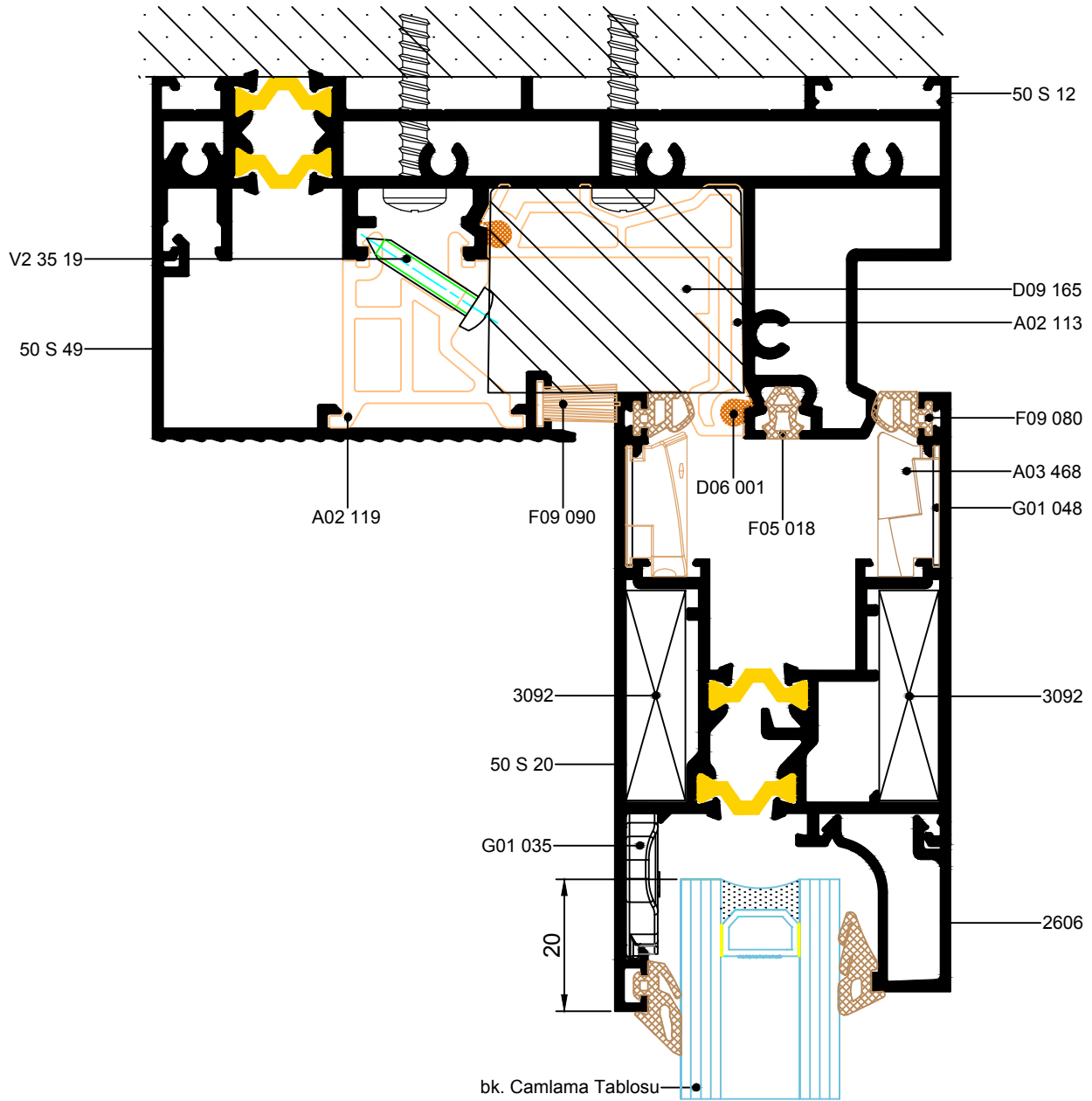
Ölçek Scale: 1/1

ÇUHADAROĞLU

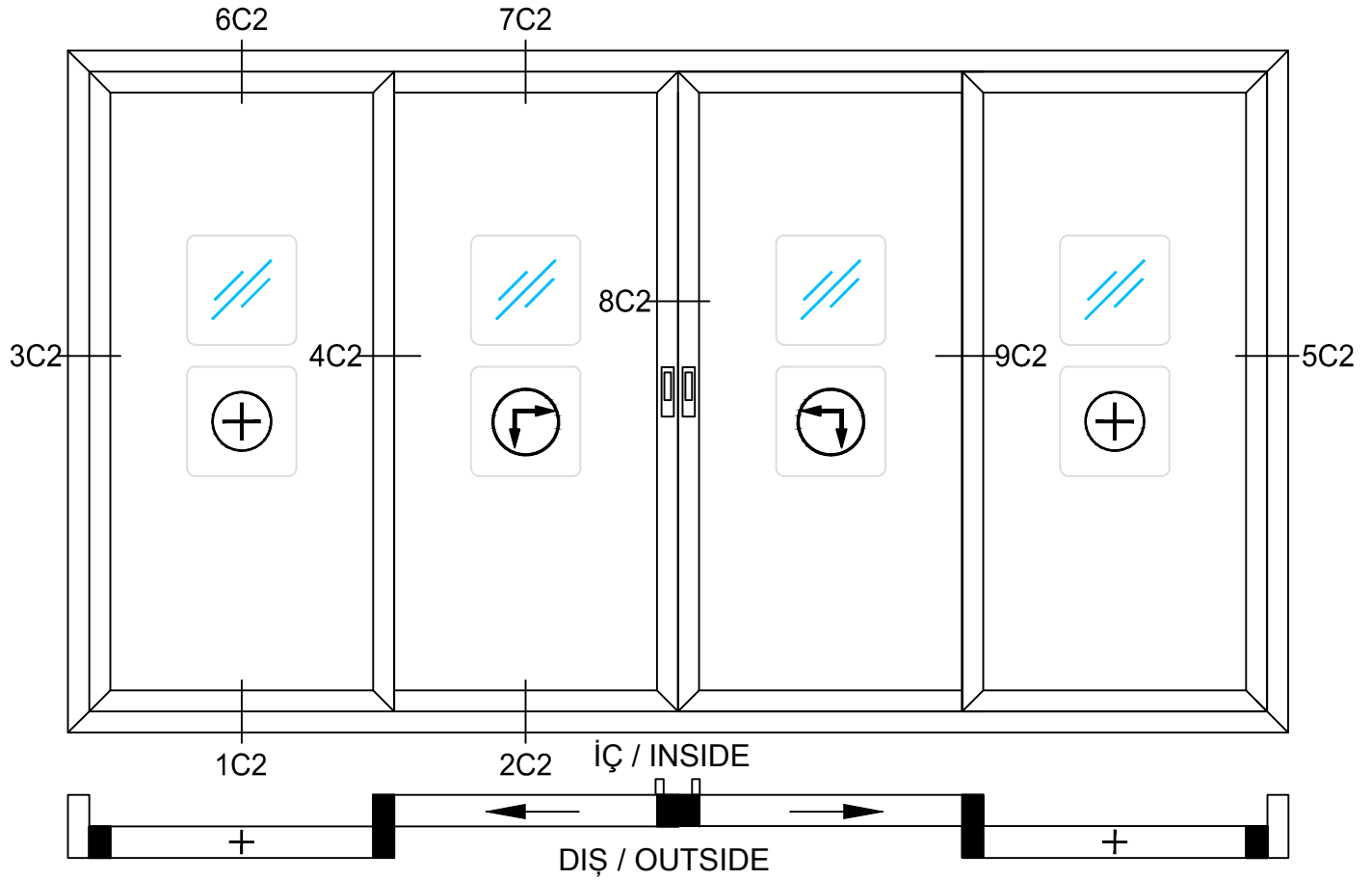
Detay Çizimleri / Detail Drawings

Uygulama Tip C Dışta Sabitli Kasa / Application Type C Outside Fixed Frame

Alternatif 90 Kasa Birleşim Detayı / Alternative 90 Frame Connection Detail 7C

DIŞ
OUTSIDEİÇ
INSIDE

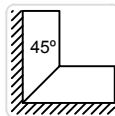
TİP C2 KANATTAN SABİT / TYPE C2 FIXED SASH



S50 Tip C2 Sabitli kanat detayları yukarıdaki gibi numaralandırılmıştır.
S50 Type C2 Fixed sash details are numbered as above.

Detay 1C2 için bk. Sayfa 8/4-1
Detay 2C2 için bk. Sayfa 8/4-2
Detay 3C2 için bk. Sayfa 8/4-3
Detay 4C2 için bk. Sayfa 8/4-4
Detay 5C2 için bk. Sayfa 8/4-5
Detay 6C2 için bk. Sayfa 8/4-6
Detay 7C2 için bk. Sayfa 8/4-7
Detay 8C2 için bk. Sayfa 8/4-8
Detay 9C2 için bk. Sayfa 8/4-10

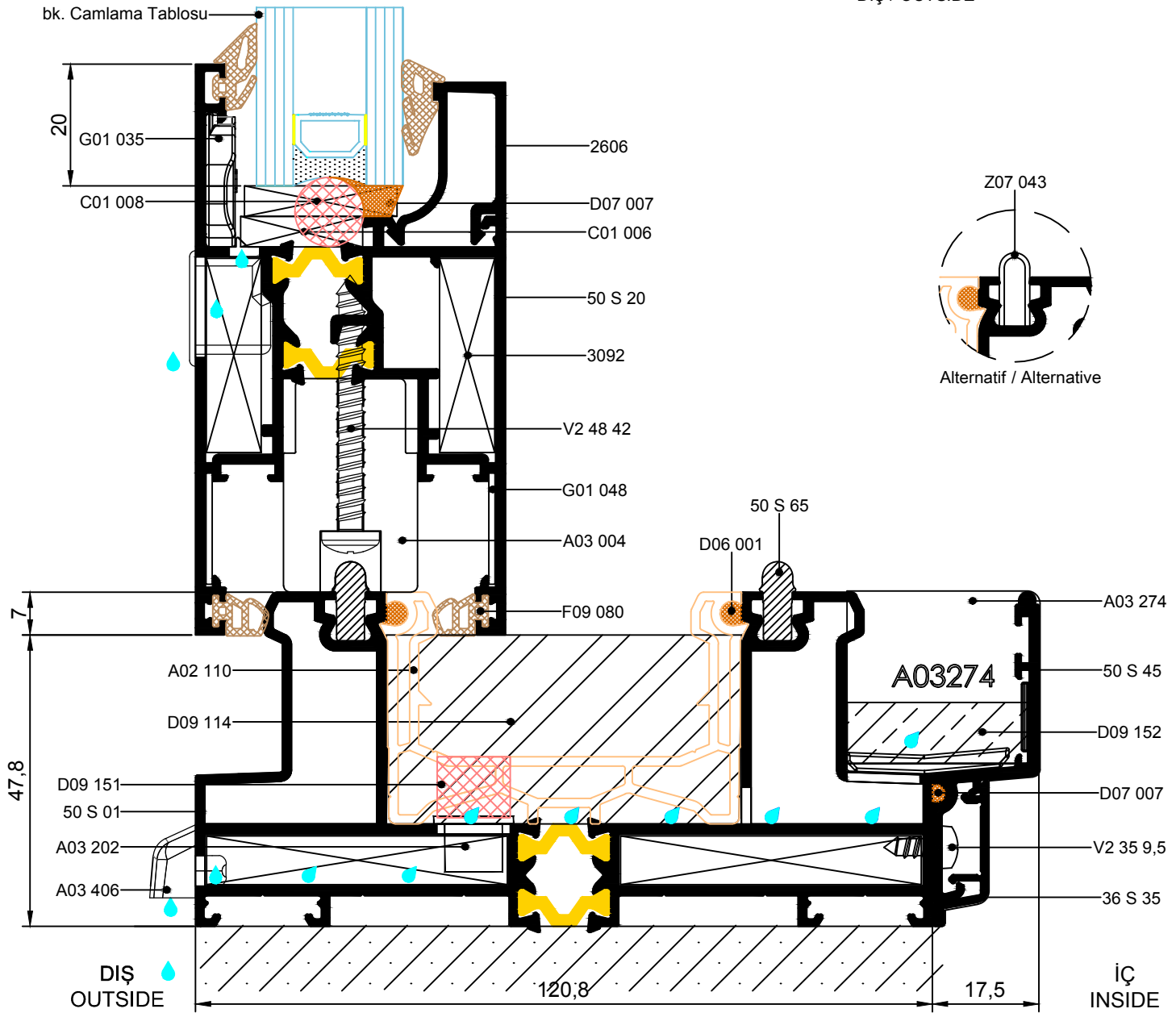
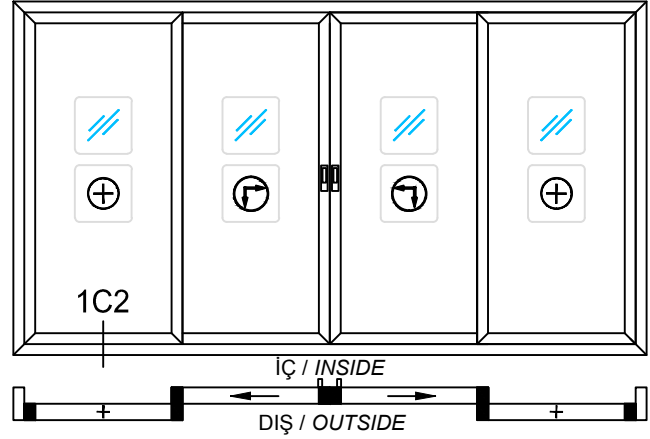
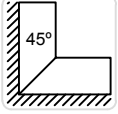
For details 1C2 see. Page 8/4-1
For details 2C2 see. Page 8/4-2
For details 3C2 see. Page 8/4-3
For details 4C2 see. Page 8/4-4
For details 5C2 see. Page 8/4-5
For details 6C2 see. Page 8/4-6
For details 7C2 see. Page 8/4-7
For details 8C2 see. Page 8/4-8
For details 9C2 see. Page 8/4-10



Detay Çizimleri / Detail Drawings

Uygulama Tip C2 Kanattan Sabit / Application Type C2 Fixed Sash

Detay / Detail 1C2



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8/4-1

Ölçek Scale: 1/1

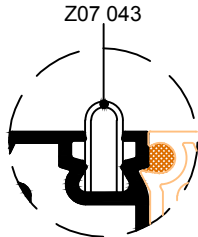
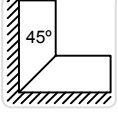
ÇUHADAROĞLU

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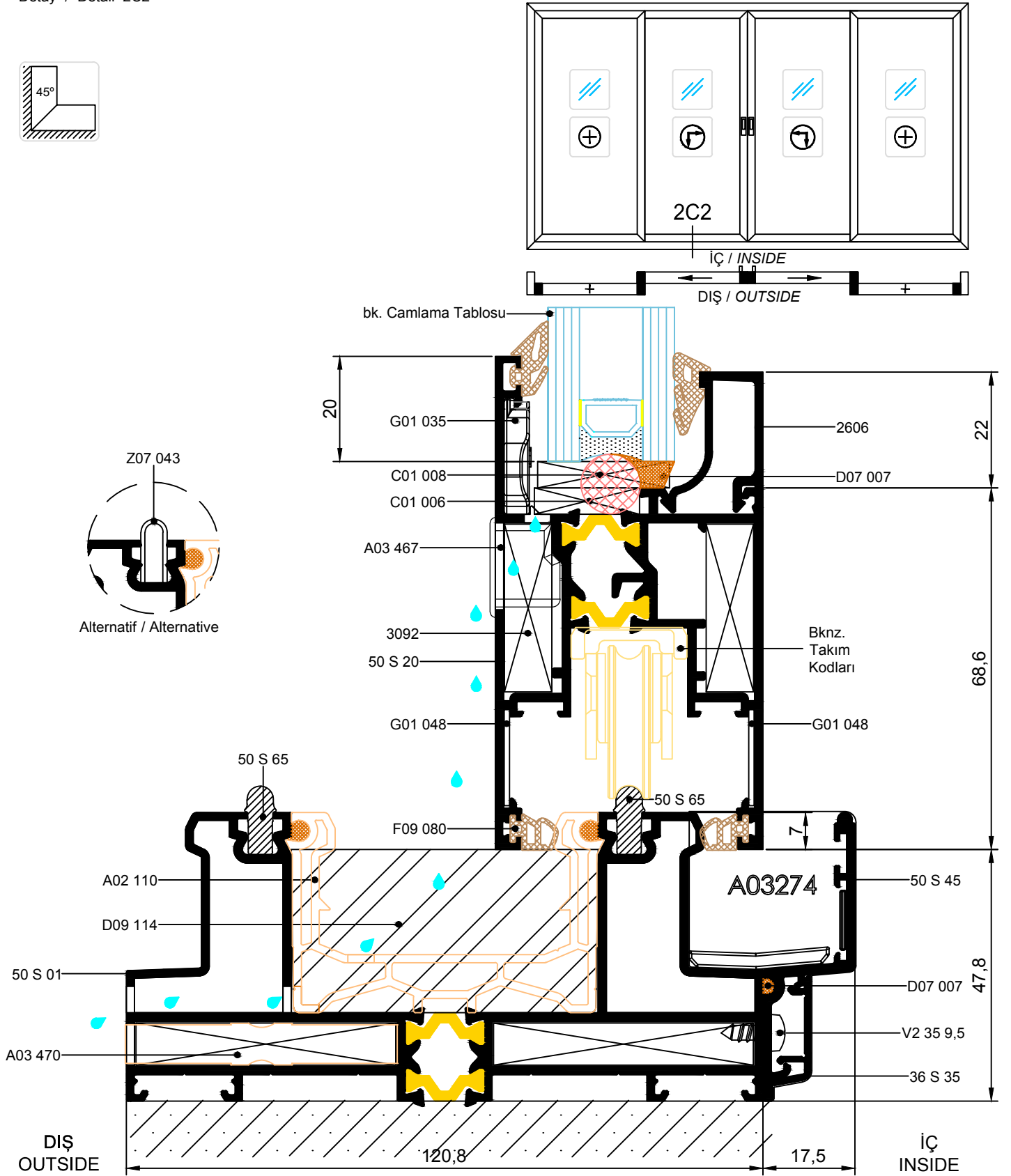
Detay Çizimleri / Detail Drawings

Uygulama Tip C2 Kanattan Sabit / Application Type C2 Fixed Sash

Detay / Detail 2C2



Alternatif / Alternative



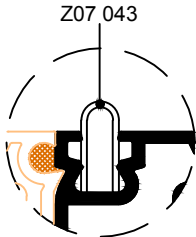
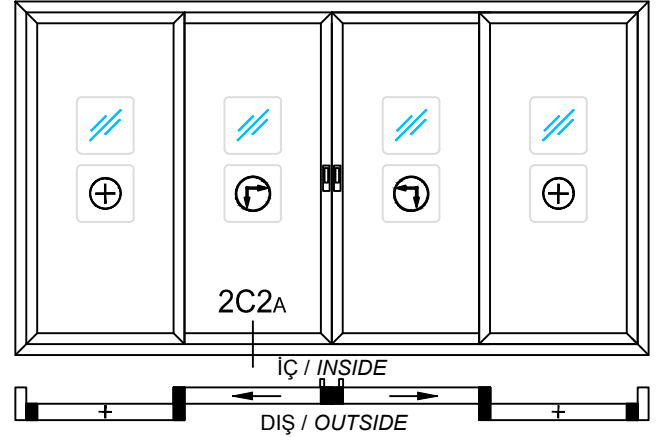
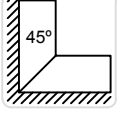
Ölçek Scale: 1/1

ÇUHADAROĞLU

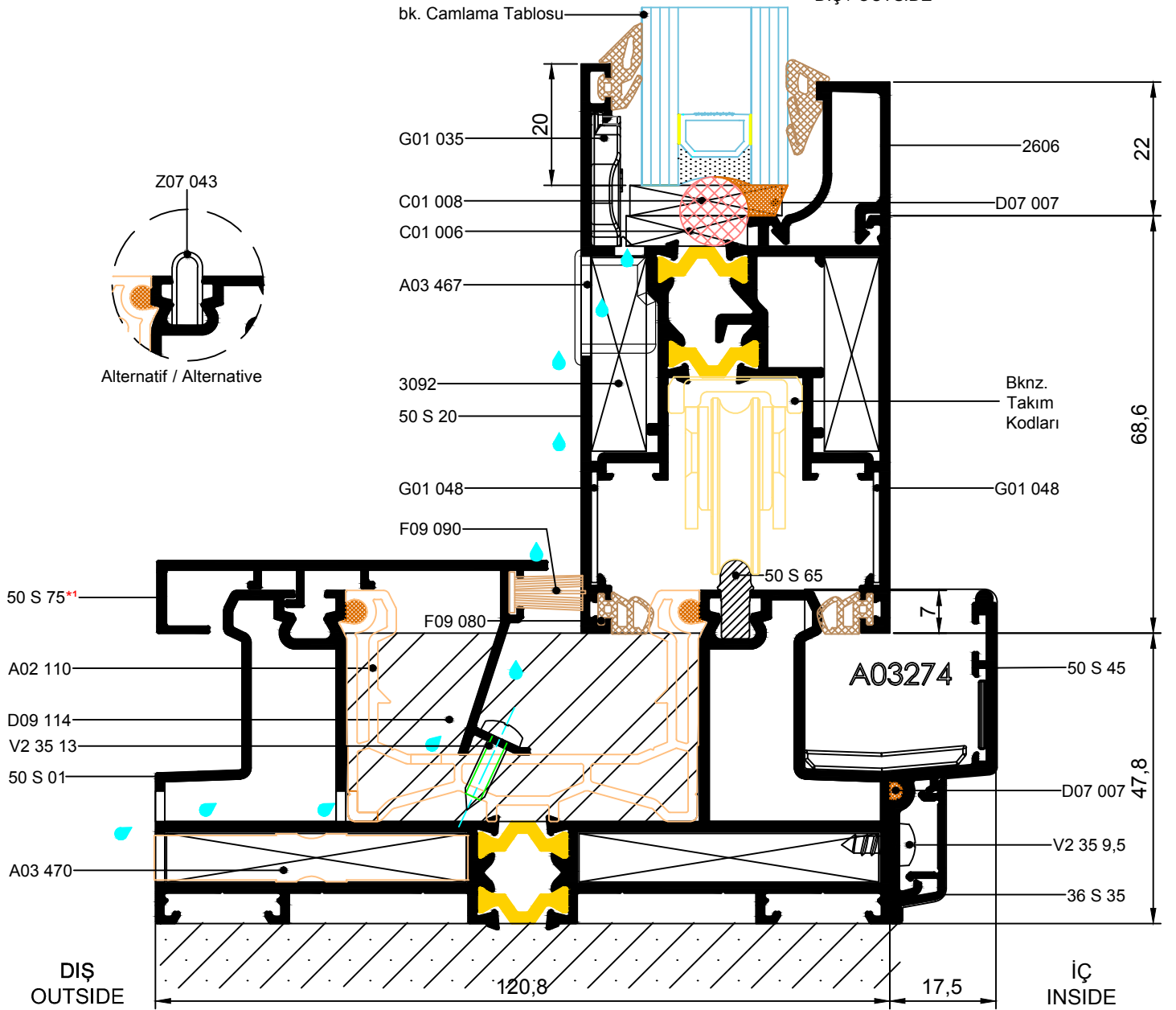
Detay Çizimleri / Detail Drawings

Uygulama Tip C2 Kanattan Sabit / Application Type C2 Fixed Sash

Detay / Detail 2C2A



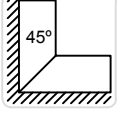
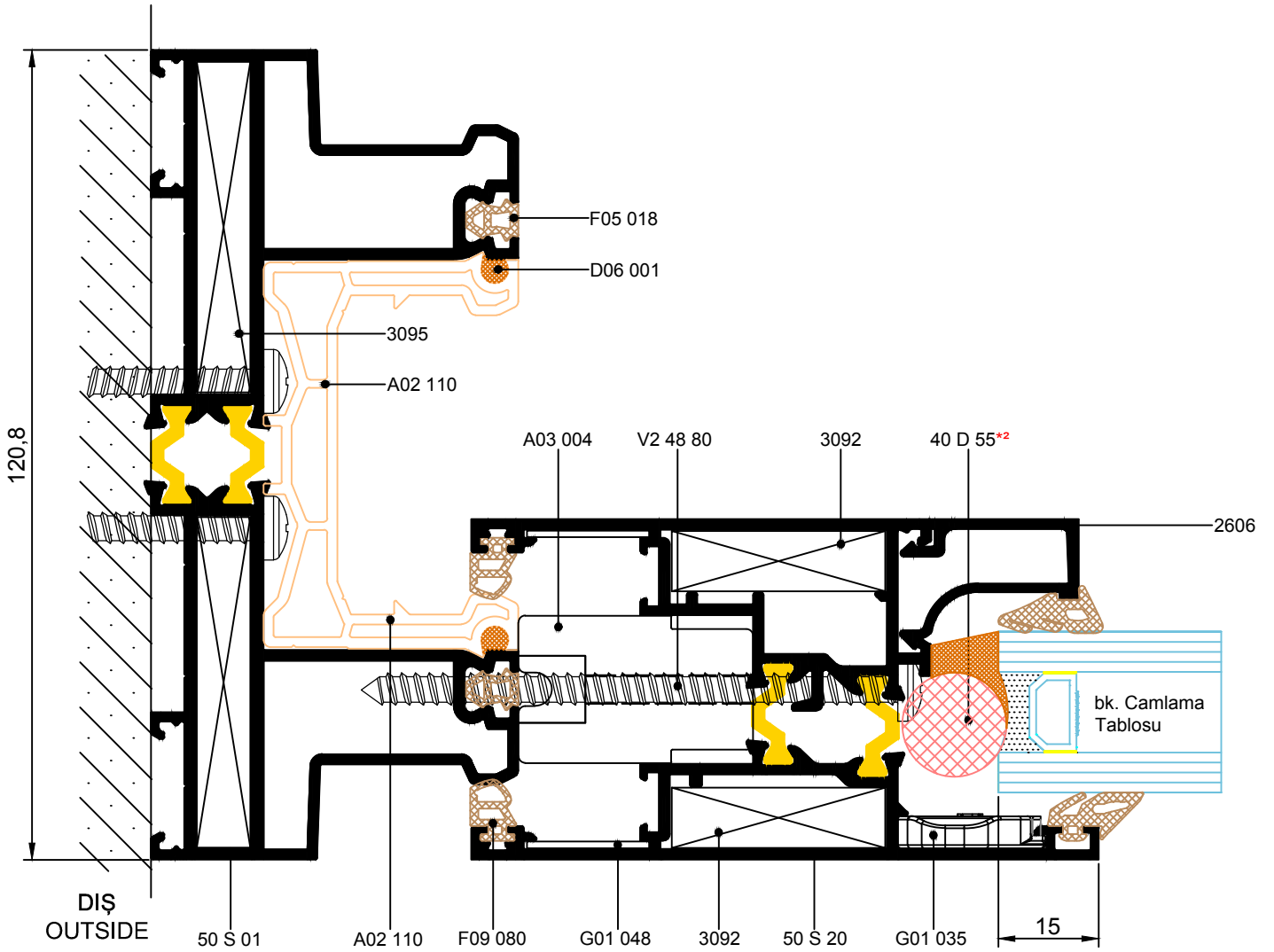
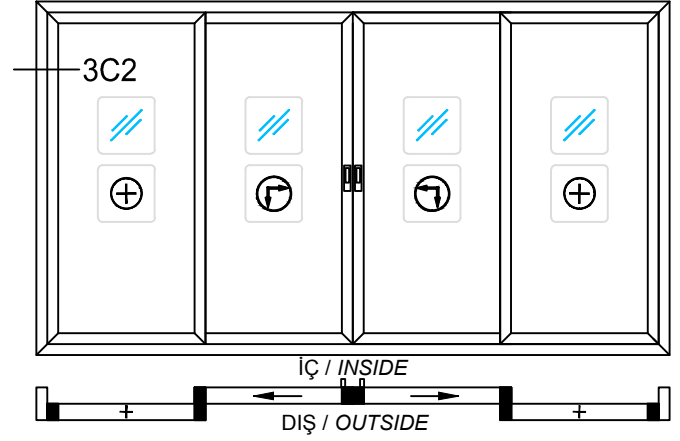
Alternatif / Alternative



Detay Çizimleri / Detail Drawings

Uygulama Tip C2 Kanattan Sabit / Application Type C2 Fixed Sash

Detay / Detail 3C2

İÇ
INSIDE

Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

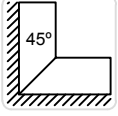
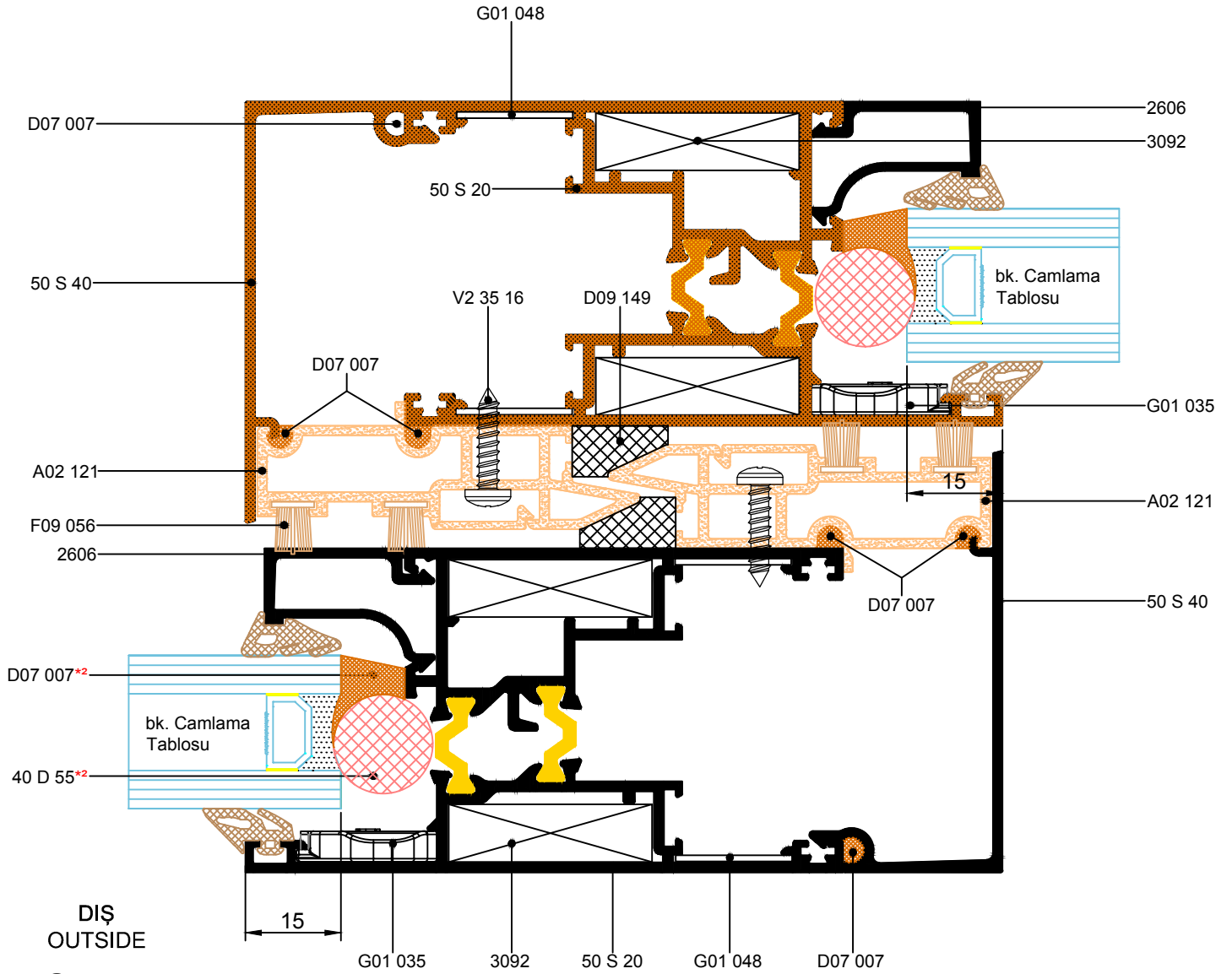
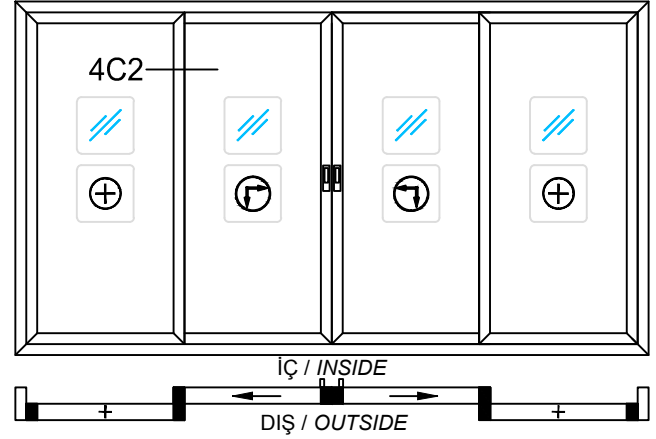
Ölçek Scale: 1/1

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Detay Çizimleri / Detail Drawings

Uygulama Tip C2 Kanattan Sabit / Application Type C2 Fixed Sash

Detay / Detail 4C2

İÇ
INSIDE

Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

Ölçek Scale: 1/1

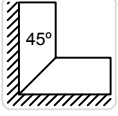
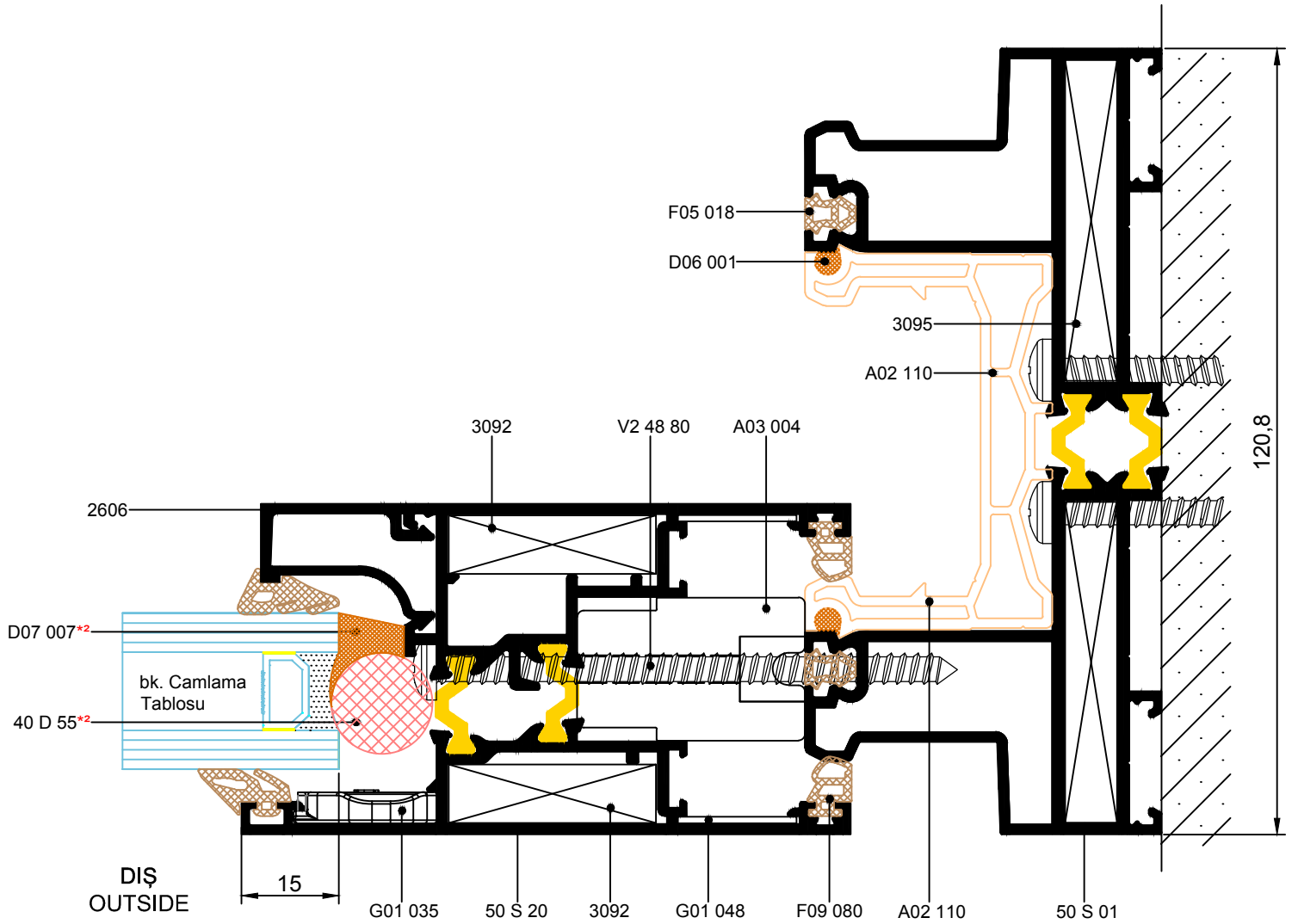
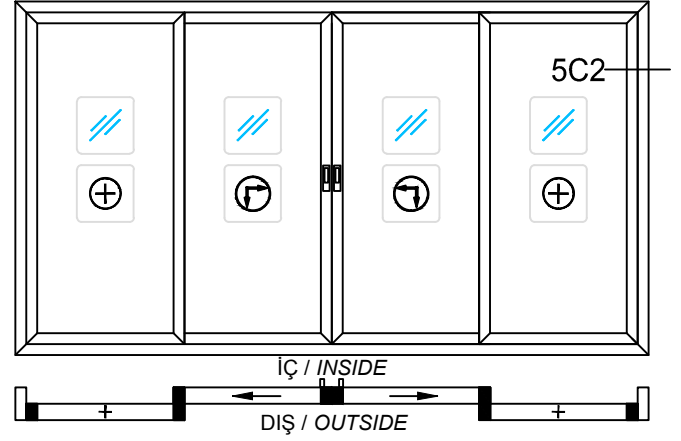
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Detay Çizimleri / Detail Drawings

Uygulama Tip C2 Kanattan Sabit / Application Type C2 Fixed Sash

Detay / Detail 5C2

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INSIDE

Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

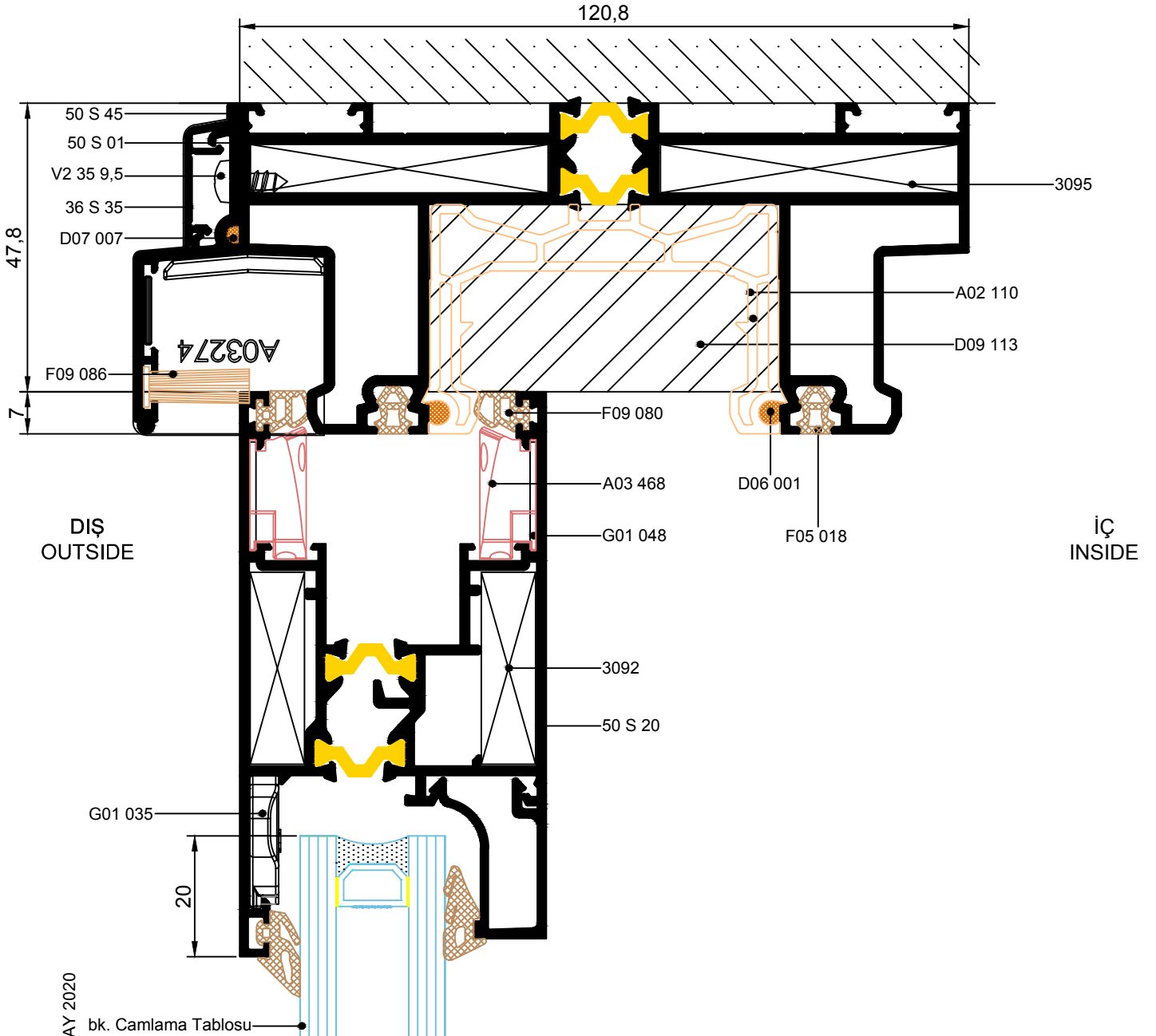
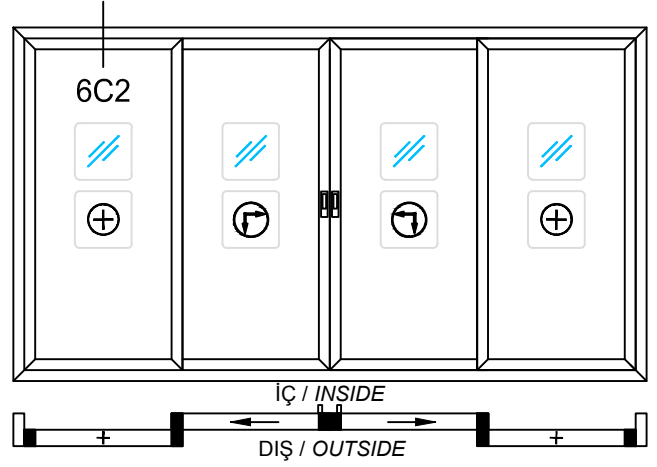
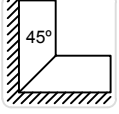
Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

Ölçek Scale: 1/1

Detay Çizimleri / Detail Drawings

Uygulama Tip C2 Kanattan Sabit / Application Type C2 Fixed Sash

Detay / Detail 6C2



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8/4-7

Ölçek Scale: 1/1

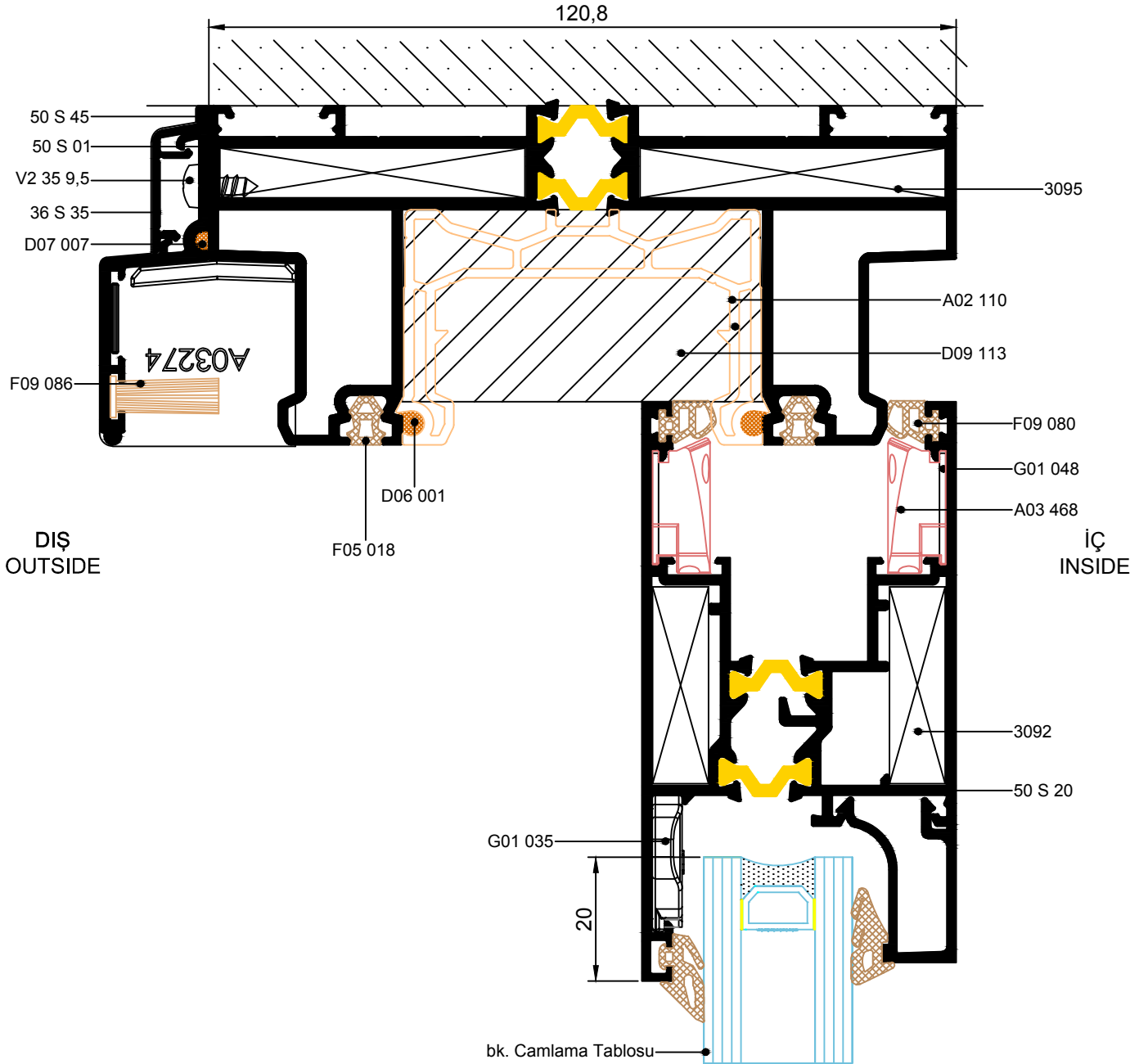
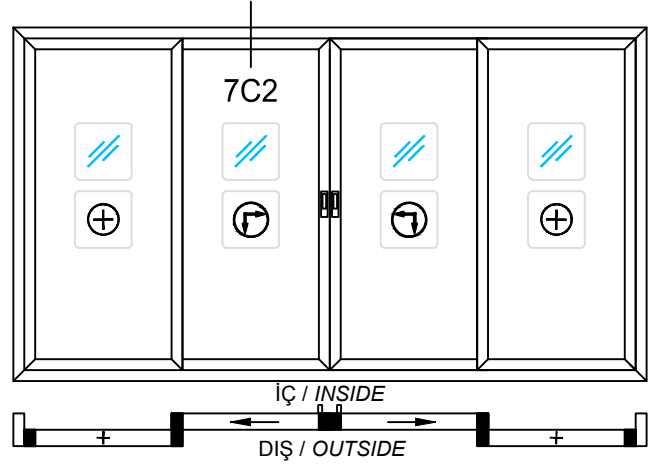
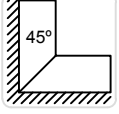
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Detay Çizimleri / Detail Drawings

Uygulama Tip C2 Kanattan Sabit / Application Type C2 Fixed Sash

Detay / Detail 7C2



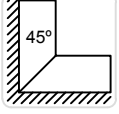
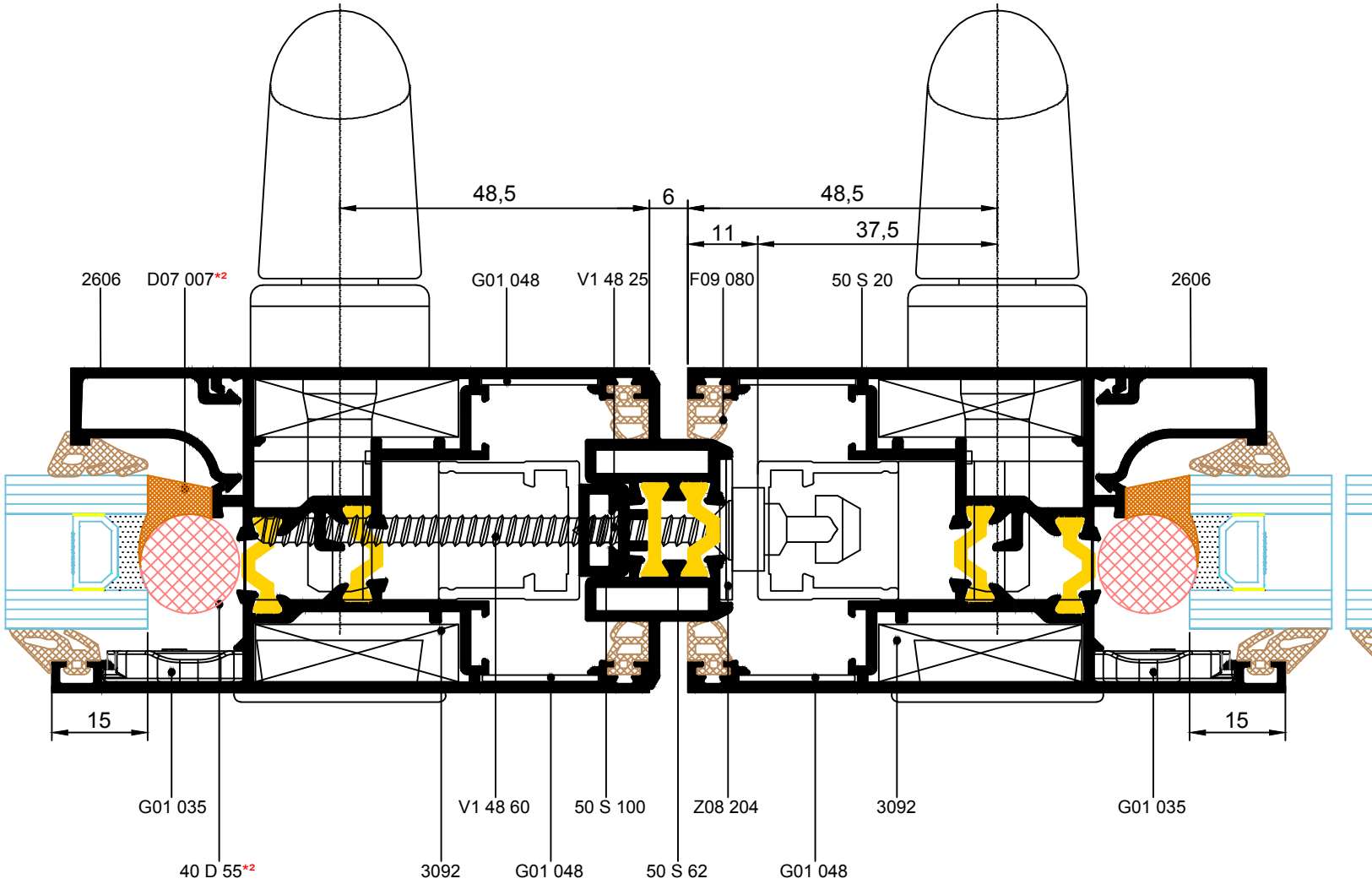
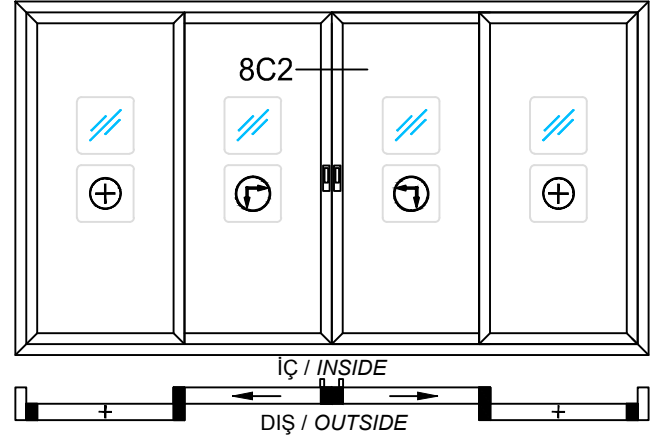
Ölçek Scale: 1/1

ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings

Uygulama Tip C2 Kanattan Sabit / Application Type C2 Fixed Sash

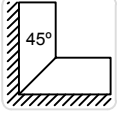
Detay / Detail 8C2

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INSIDEDIŞ
OUTSIDE

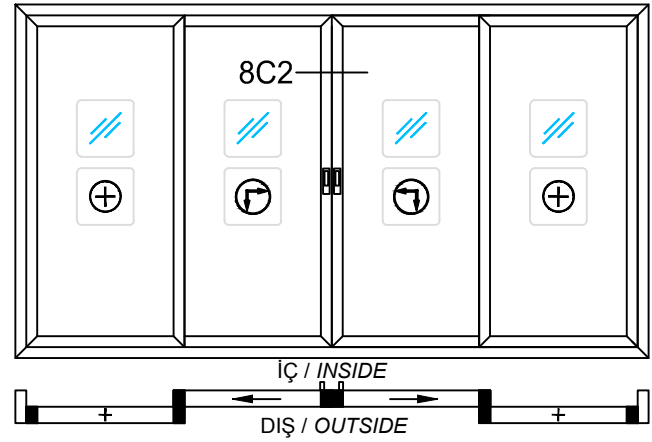
Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

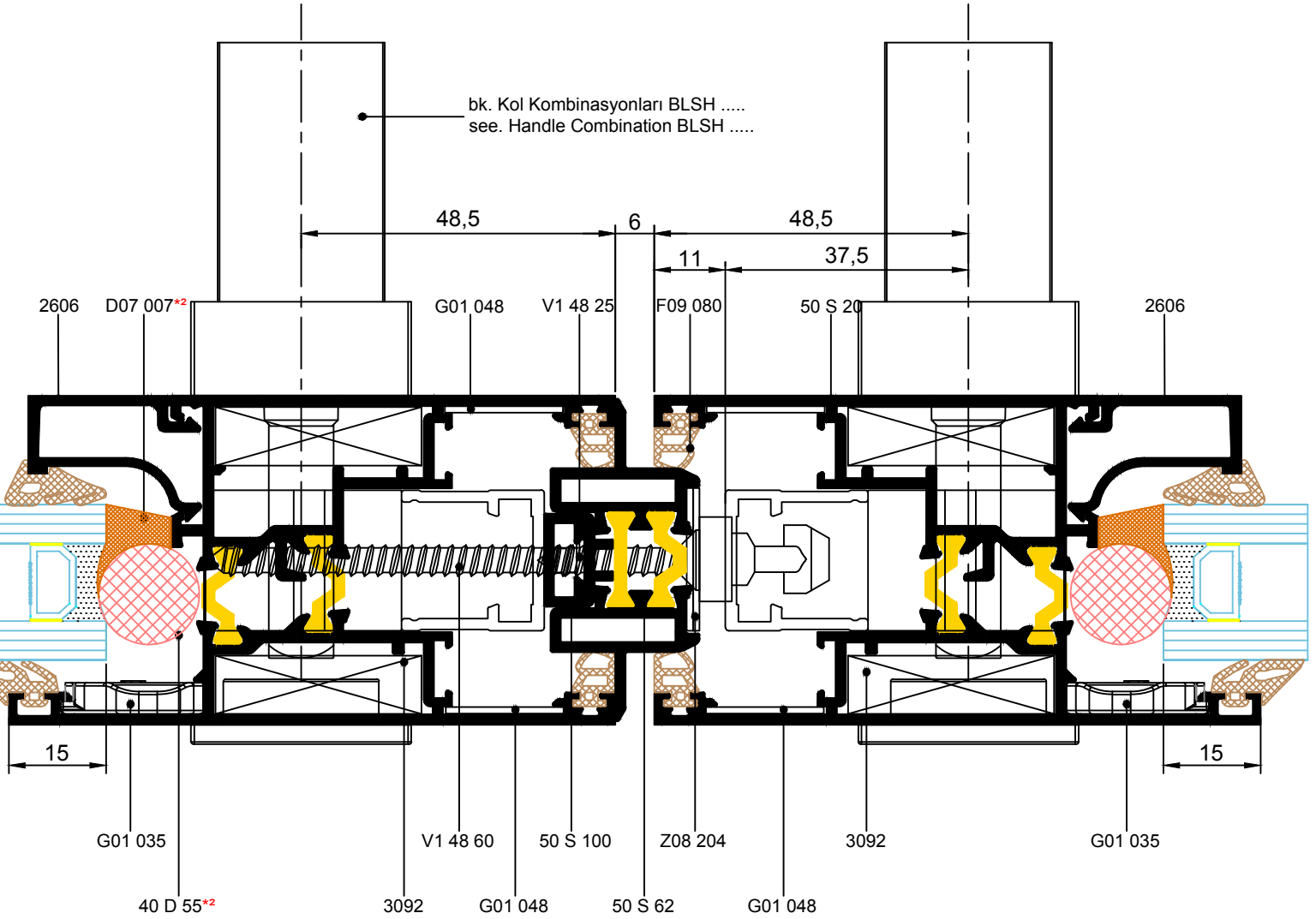
Detay Çizimleri / Detail Drawings
Alternatif Kol Detayı / Alternative Handle Detail
Detay / Detail 8C2



İÇ
INSIDE



bk. Kol Kombinasyonları BLSH
see. Handle Combination BLSH



DIŞ
OUTSIDE

Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.
Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

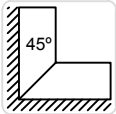
Ölçek Scale: 1/1

ÇUHADAROĞLU

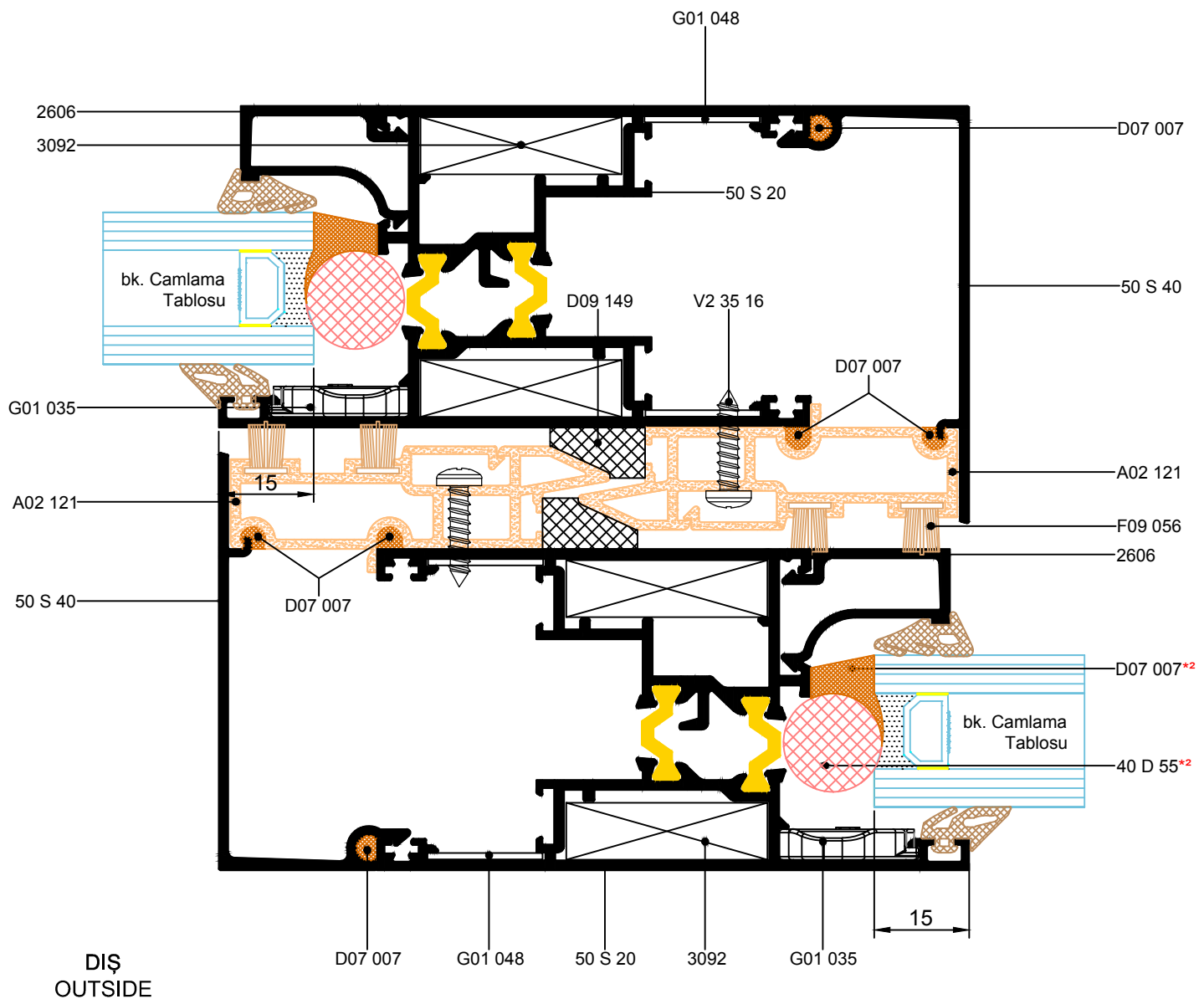
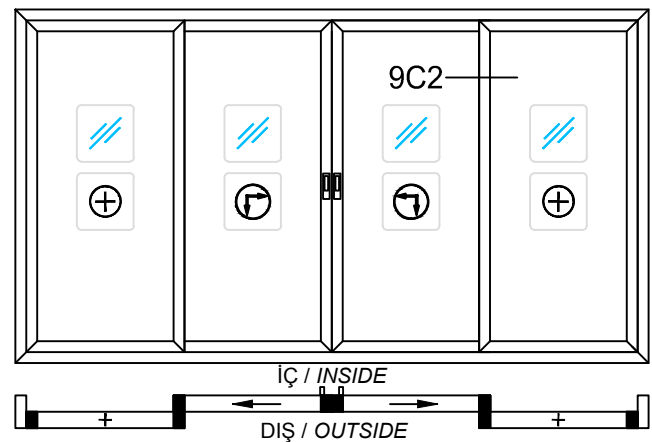
Detay Çizimleri / Detail Drawings

Uygulama Tip C2 Kanattan Sabit / Application Type C2 Fixed Sash

Detay / Detail 9C2



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INSIDE



Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

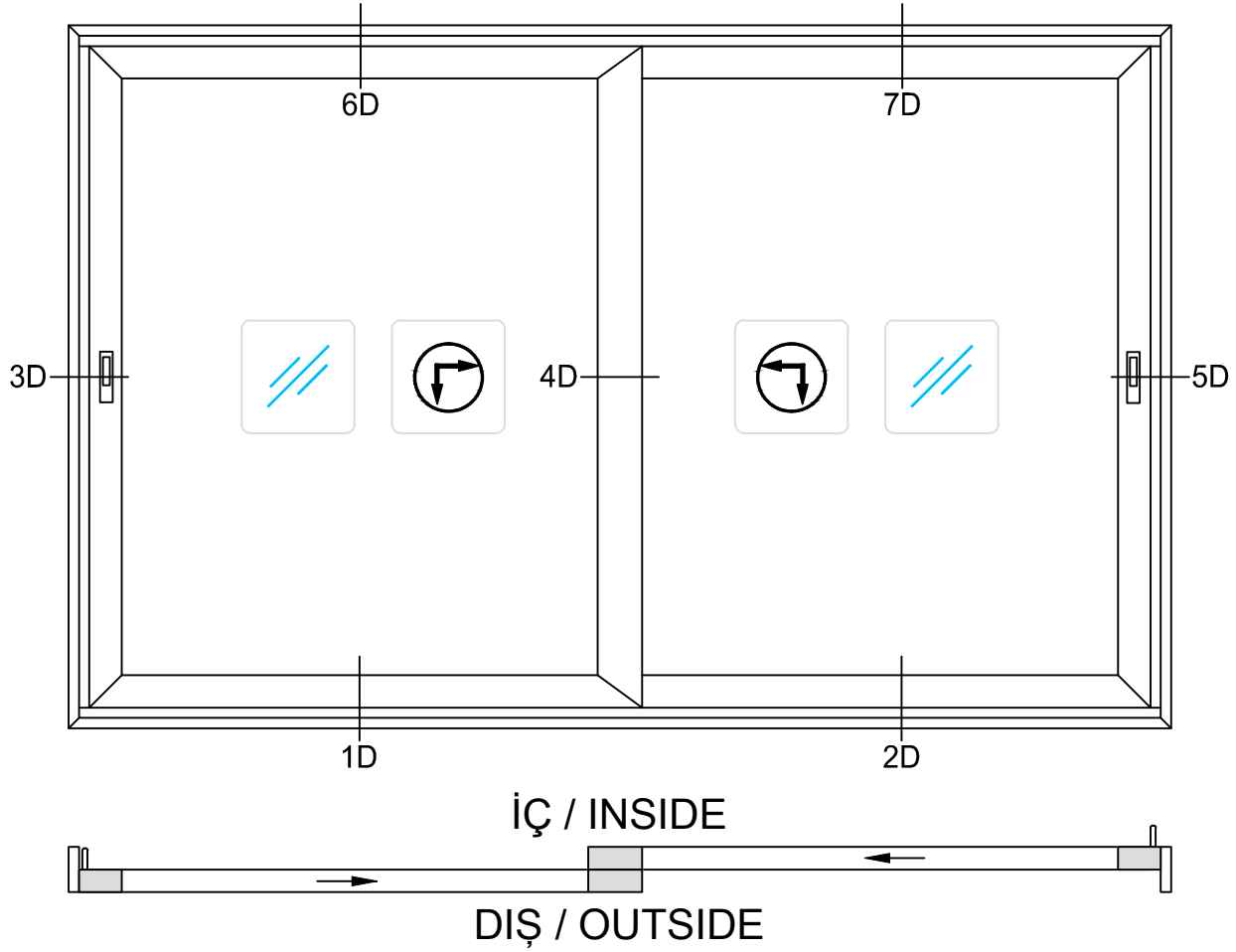
Note: ^{*2} Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

Ölçek Scale: 1/1

ÇUHADAROĞLU

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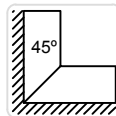
TİP D ÇİFT KANAT HAREKETLİ / TYPE D TWO OPENABLE SASH



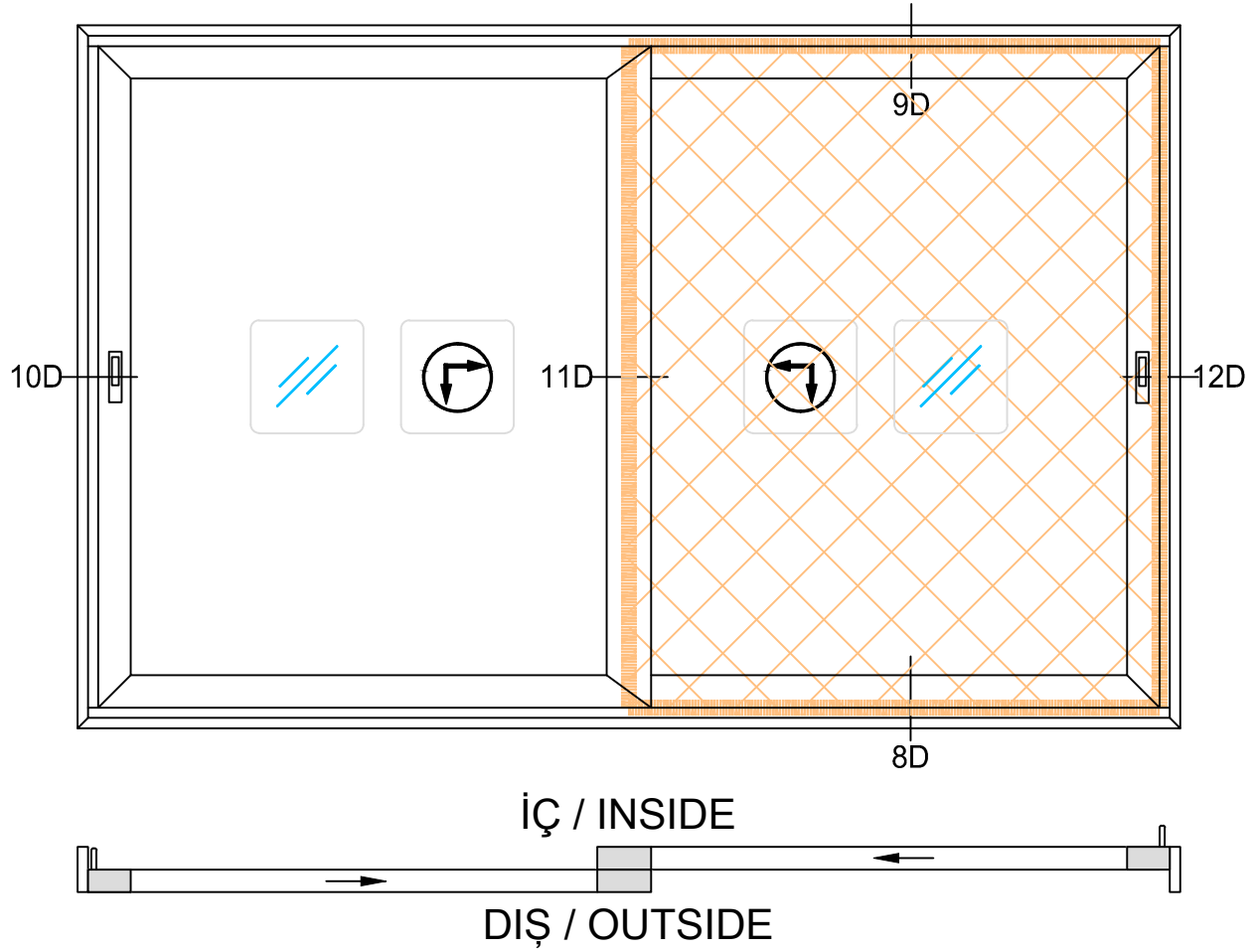
S50 Tip D Çift kanat hareketli detayları yukarıdaki gibi numaralandırılmıştır.
S50 Type D two openable sash details are numbered as above.

Detay 1D için bk. Sayfa 8/5-1
Detay 2D için bk. Sayfa 8/5-2
Detay 3D için bk. Sayfa 8/5-3
Detay 4D için bk. Sayfa 8/5-5
Detay 5D için bk. Sayfa 8/5-7
Detay 6D için bk. Sayfa 8/5-9
Detay 7D için bk. Sayfa 8/5-10

For details 1D see. Page 8/5-1
For details 2D see. Page 8/5-2
For details 3D see. Page 8/5-3
For details 4D see. Page 8/5-5
For details 5D see. Page 8/5-7
For details 6D see. Page 8/5-9
For details 7D see. Page 8/5-10



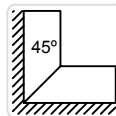
TİP D ÇİFT KANAT HAREKETLİ / TYPE D TWO OPENABLE SASH



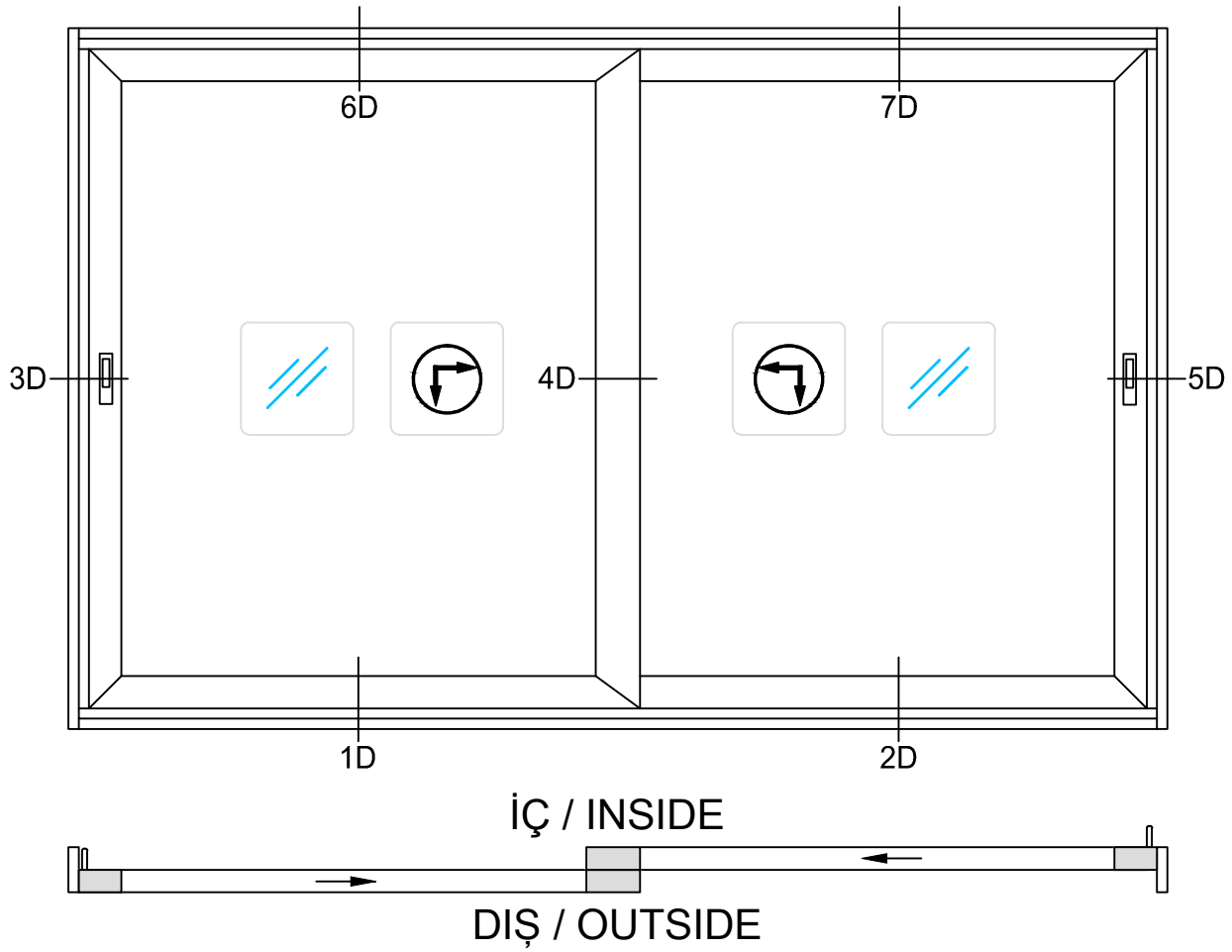
S50 Tip D Çift kanat hareketli detayları yukarıdaki gibi numaralandırılmıştır.
S50 Type D two openable sash details are numbered as above.

Detay 8D için bk. Sayfa 8/5-11
Detay 9D için bk. Sayfa 8/5-12
Detay 10D için bk. Sayfa 8/5-13
Detay 11D için bk. Sayfa 8/5-15
Detay 12D için bk. Sayfa 8/5-16

For details 8D see. Page 8/5-11
For details 9D see. Page 8/5-12
For details 10D see. Page 8/5-13
For details 11D see. Page 8/5-15
For details 12D see. Page 8/5-16



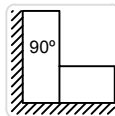
TİP D ÇİFT KANAT HAREKETLİ / TYPE D TWO OPENABLE SASH



S50 Tip D Çift kanat hareketli detayları yukarıdaki gibi numaralandırılmıştır.
S50 Type D two openable sash details are numbered as above.

Detay 1D için bk. Sayfa 8/5-18
Detay 2D için bk. Sayfa 8/5-19
Detay 3D için bk. Sayfa 8/5-20
Detay 4D için bk. Sayfa 8/5-4
Detay 5D için bk. Sayfa 8/5-22
Detay 6D için bk. Sayfa 8/5-24
Detay 7D için bk. Sayfa 8/5-25

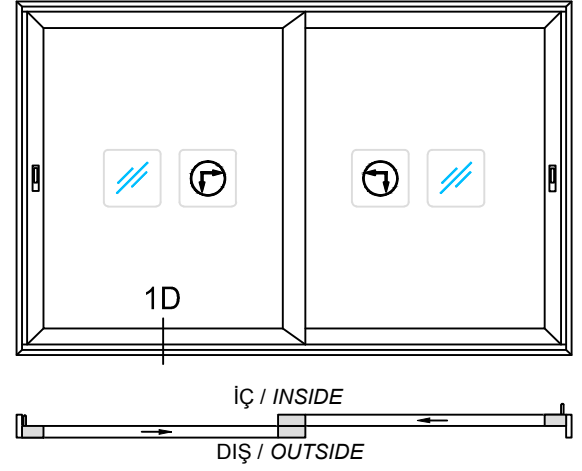
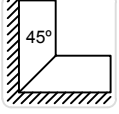
For details 1D see. Page 8/5-18
For details 2D see. Page 8/5-19
For details 3D see. Page 8/5-20
For details 4D see. Page 8/5-4
For details 5D see. Page 8/5-22
For details 6D see. Page 8/5-24
For details 7D see. Page 8/5-25



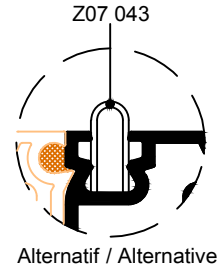
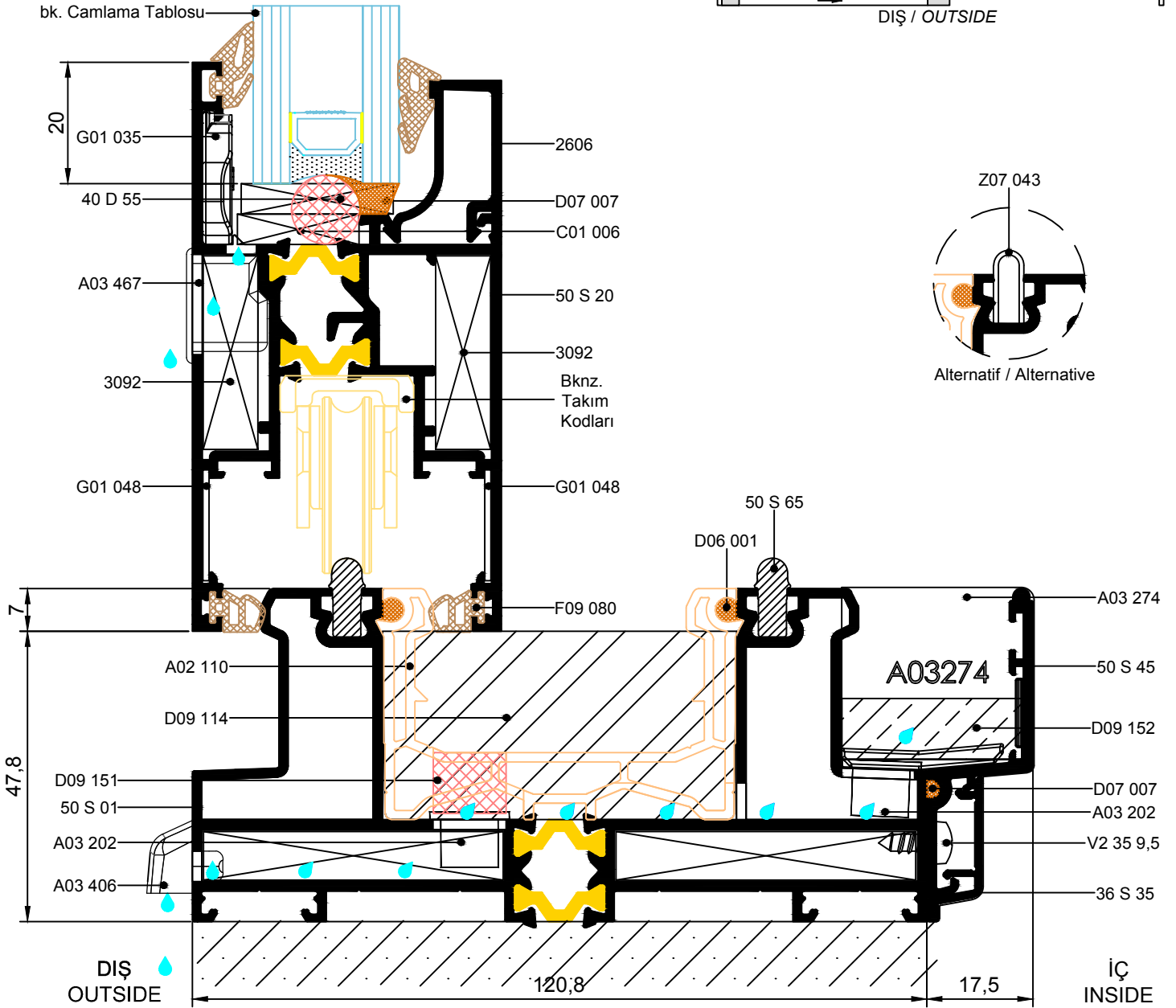
Detay Çizimleri / Detail Drawings

Uygulama Tip D Çift Kanat Hareketli / Application Type D Two Openable Sash

Detay / Detail 1D



bk. Camlama Tablosu



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8/5-1

Ölçek Scale: 1/1

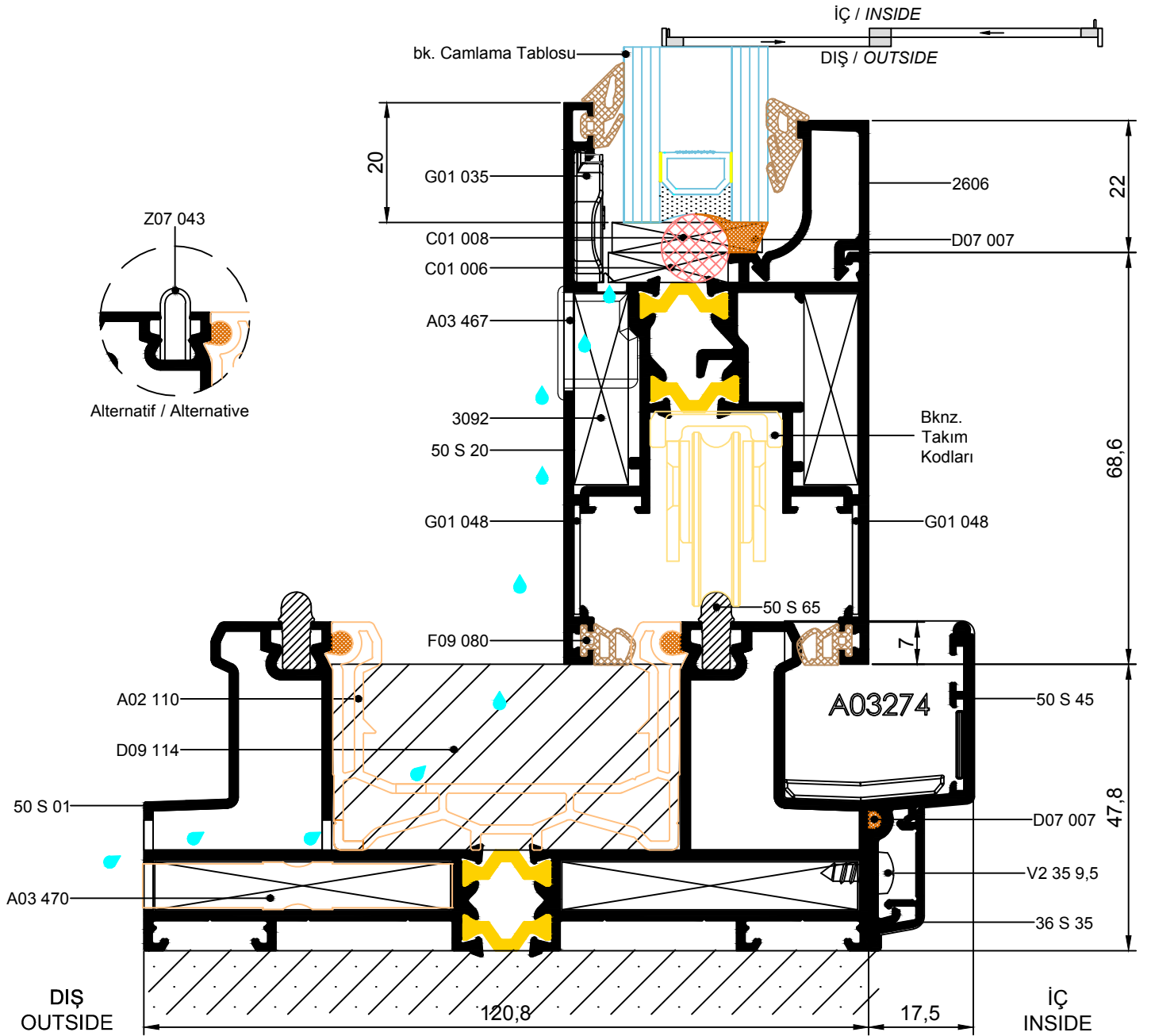
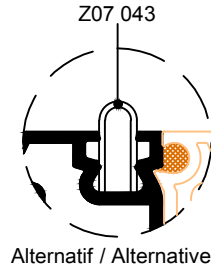
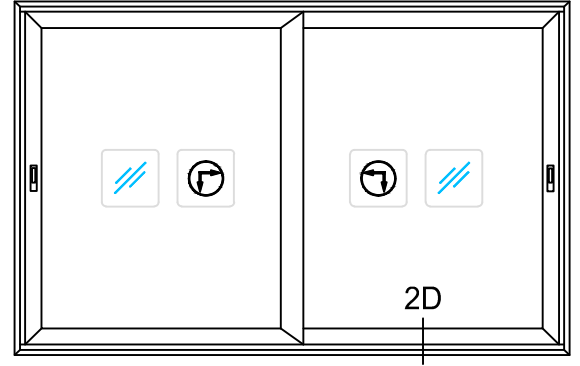
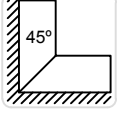
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Detay Çizimleri / Detail Drawings

Uygulama Tip D Çift Kanat Hareketli / Application Type D Two Openable Sash

Detay / Detail 2D



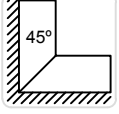
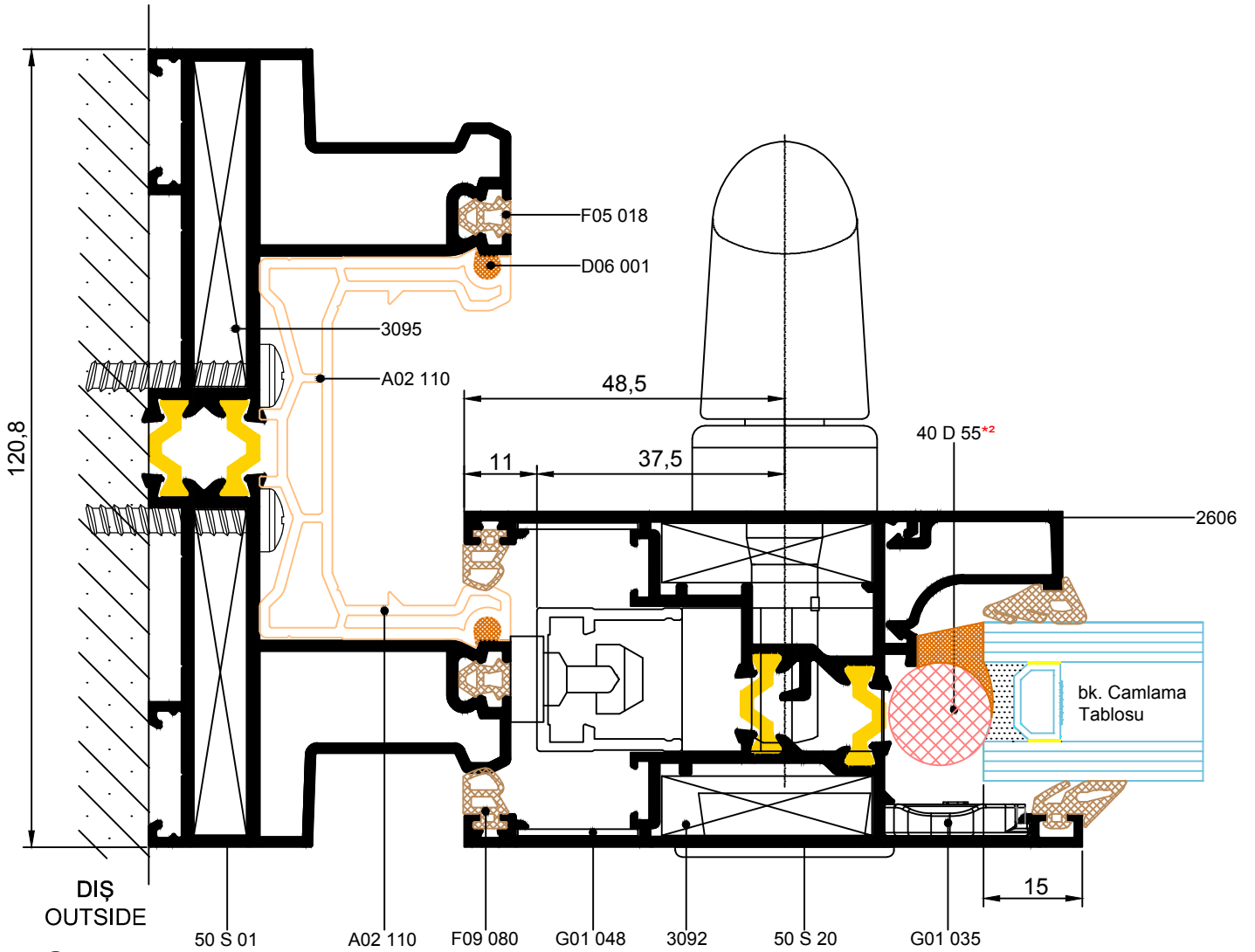
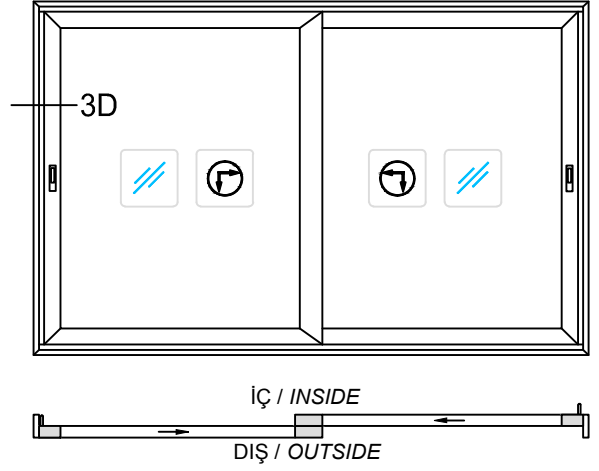
Ölçek Scale: 1/1

ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings

Uygulama Tip D Çift Kanat Hareketli / Application Type D Two Openable Sash

Detay / Detail 3D

İÇ
INSIDE

Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

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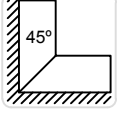
8/5-3

Ölçek Scale: 1/1

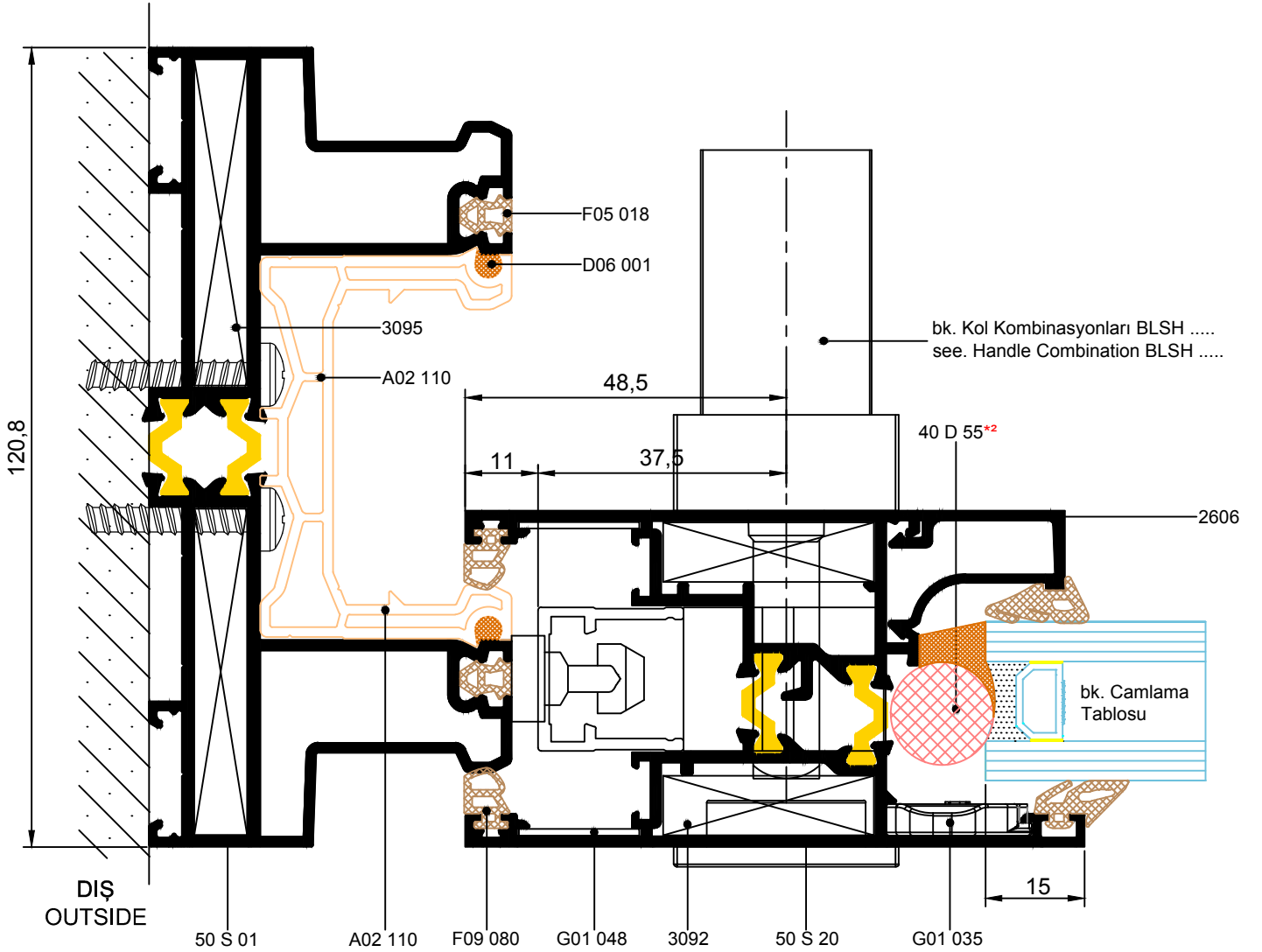
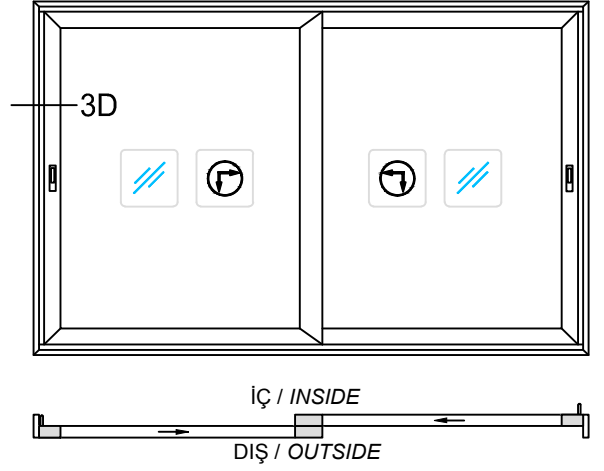
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Detay Çizimleri / Detail Drawings
Alternatif Kol Detayı / Alternative Handle Detail
Detay / Detail 3D



İÇ
INSIDE



Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.
Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

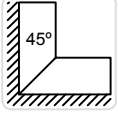
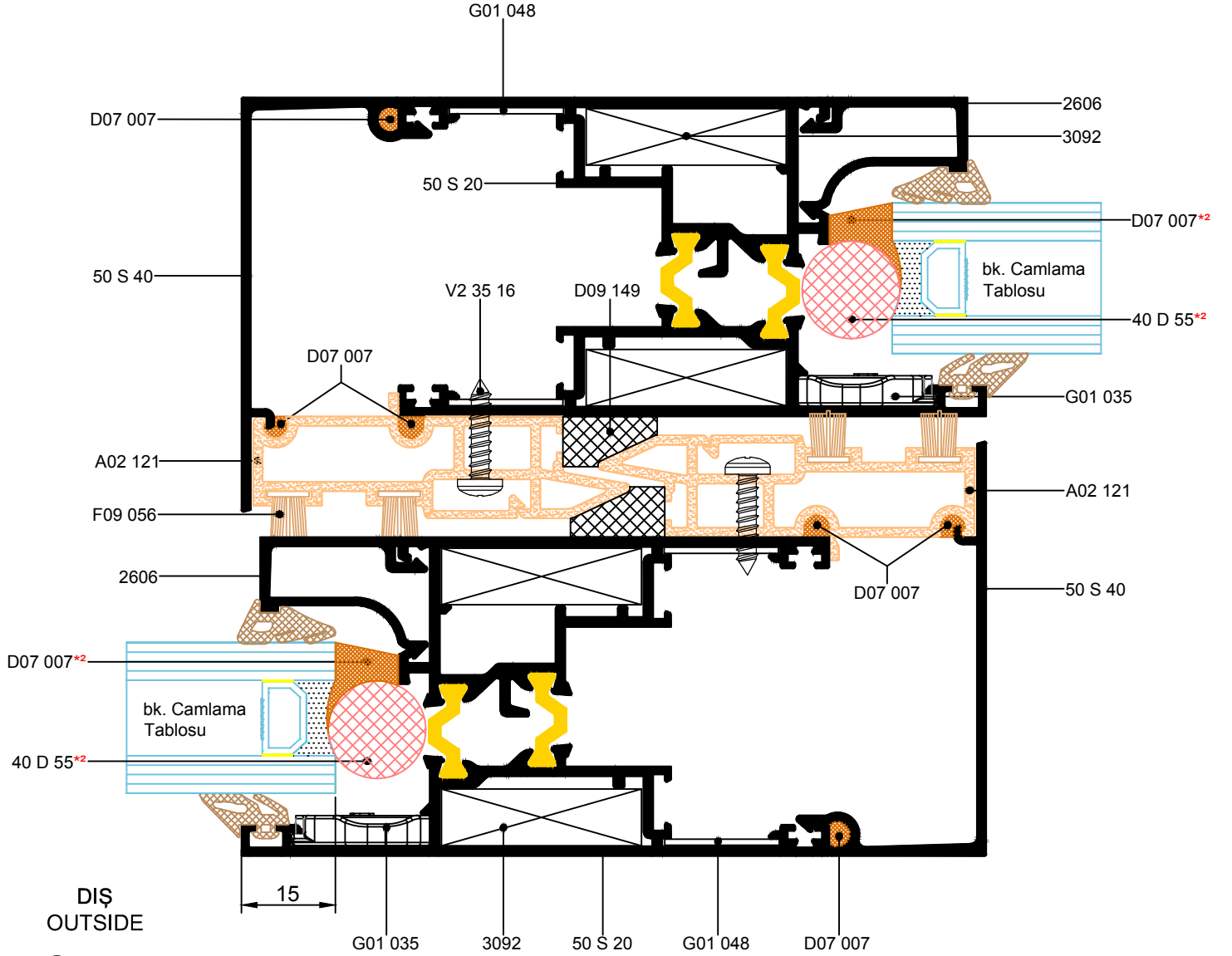
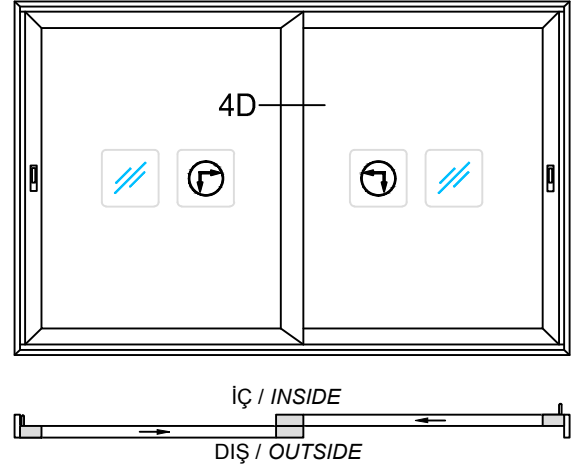
Ölçek Scale: 1/1

ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings

Uygulama Tip D Çift Kanat Hareketli / Application Type D Two Openable Sash

Detay / Detail 4D

İÇ
INSIDE

Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

Ölçek Scale: 1/1

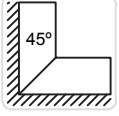
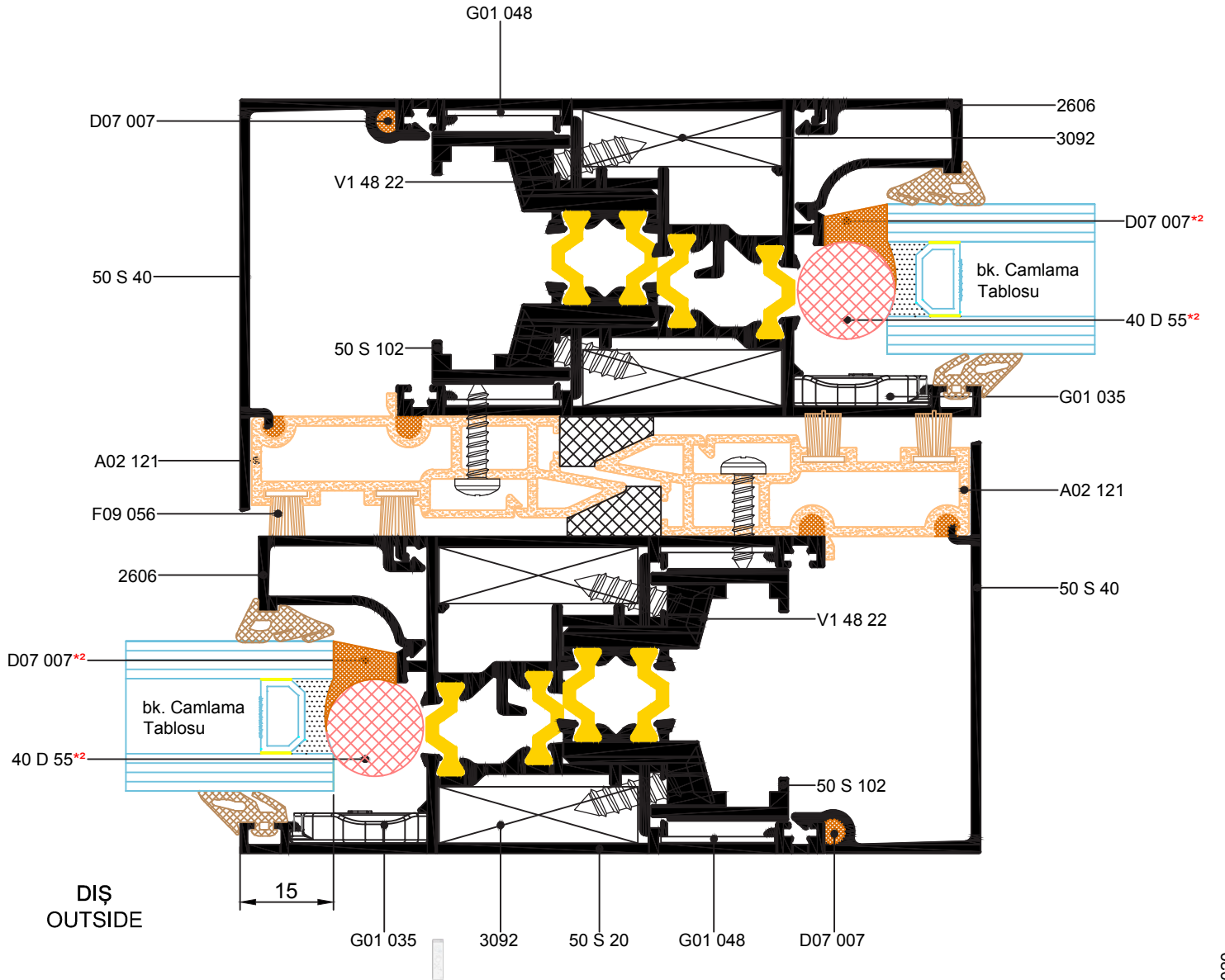
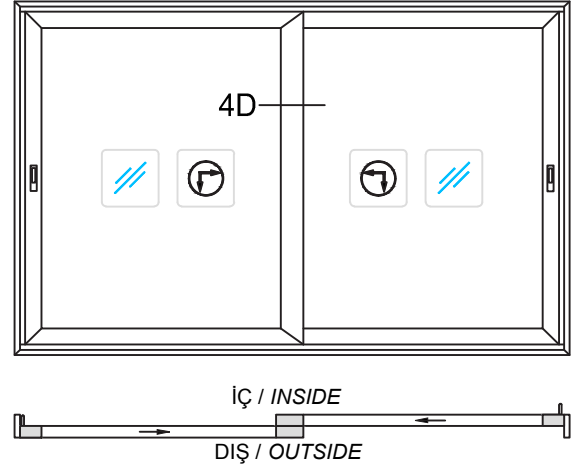
ÇUHADAROĞLU

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Detay Çizimleri / Detail Drawings

Uygulama Tip D Çift Kanat Hareketli / Application Type D Two Openable Sash

Alternatif Detay / Alternative Detail 4D

İÇ
INSIDE

Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

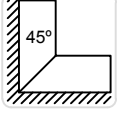
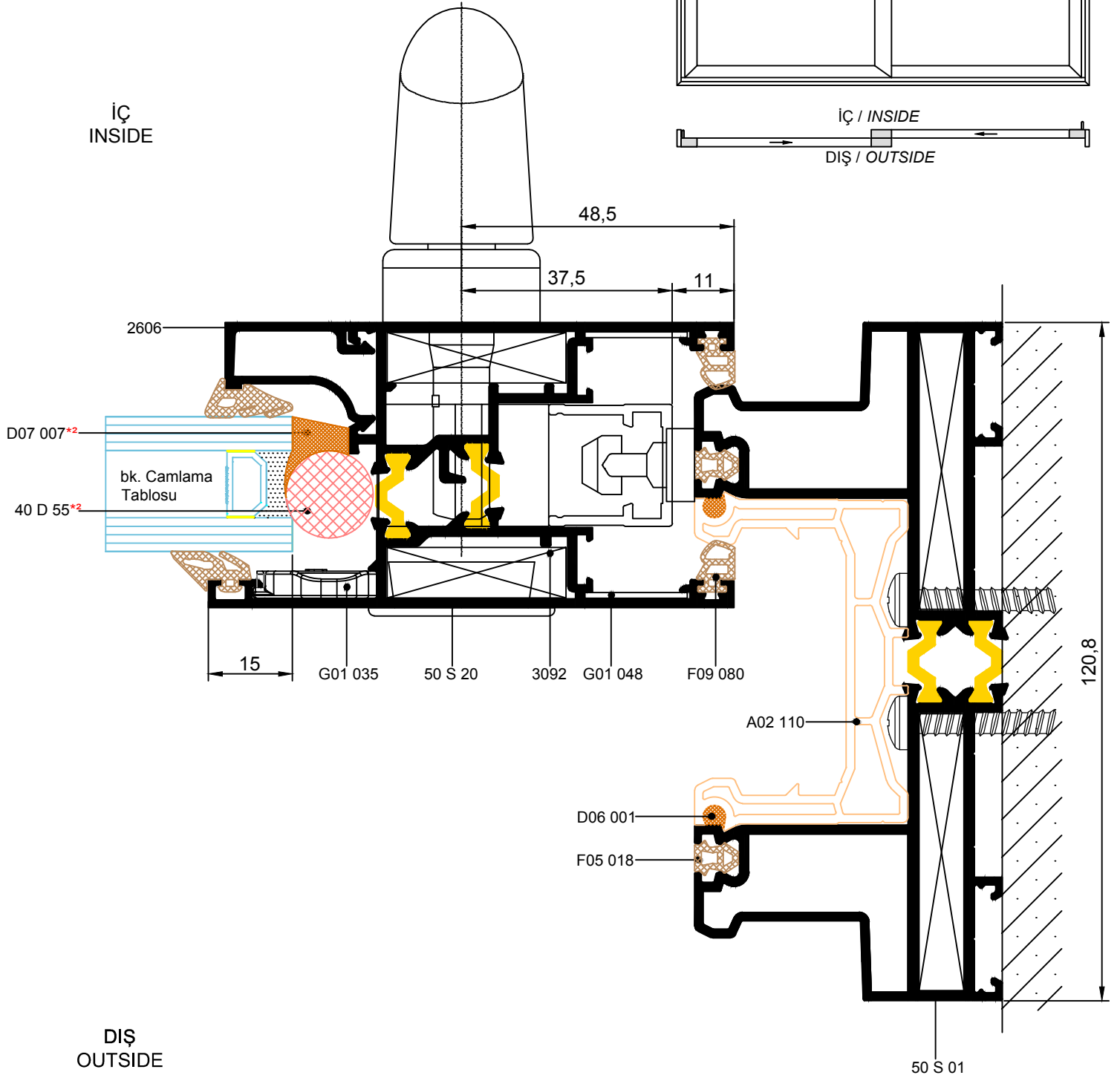
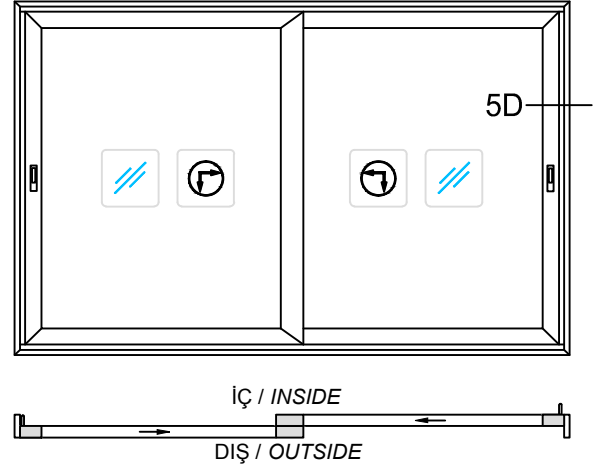
Ölçek Scale: 1/1

ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings

Uygulama Tip D Çift Kanat Hareketli / Application Type D Two Openable Sash

Detay / Detail 5D

İÇ
INSIDEDIŞ
OUTSIDE

Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

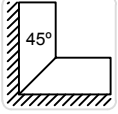
Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

Ölçek Scale: 1/1

ÇUHADAROĞLU

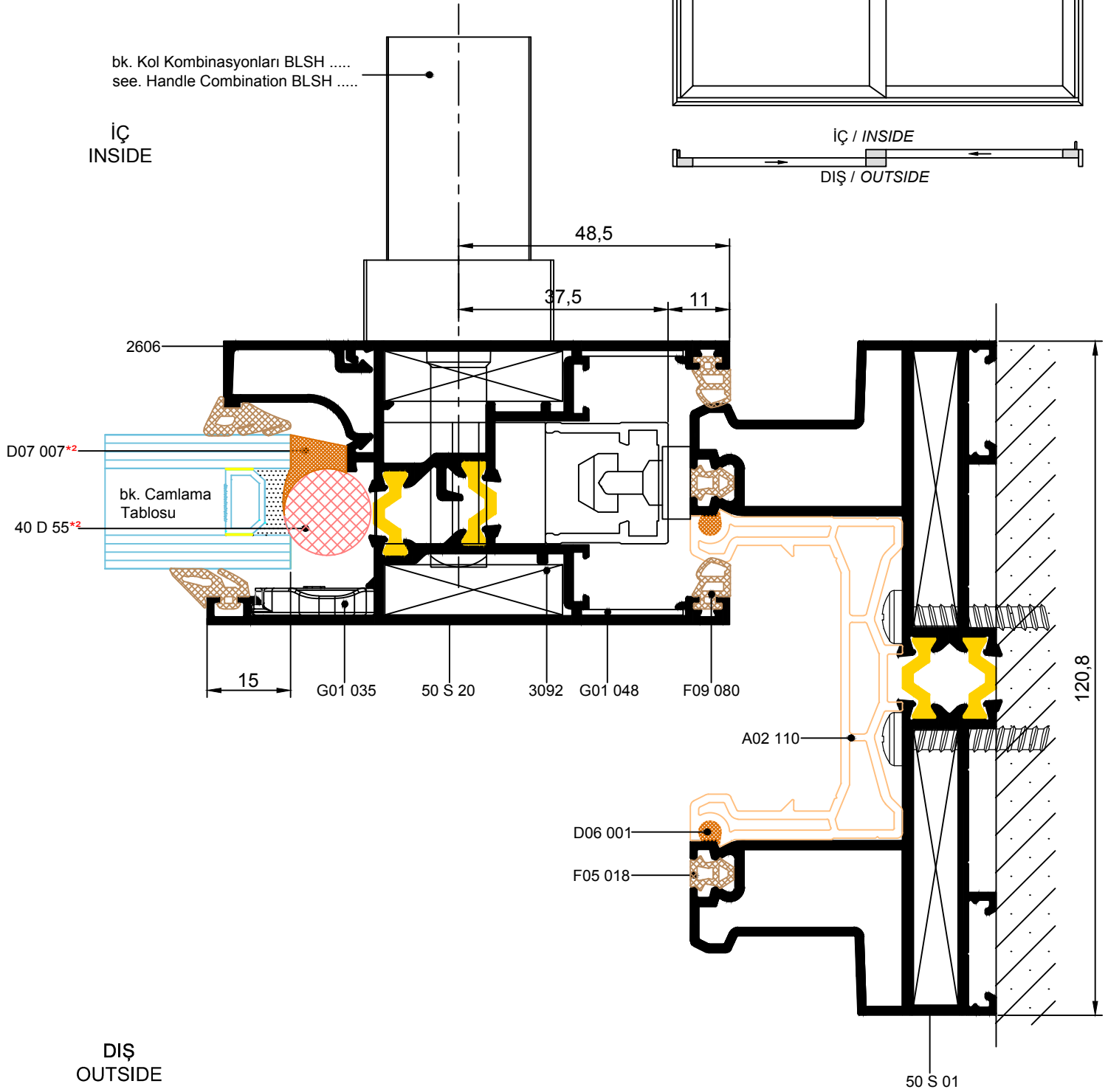
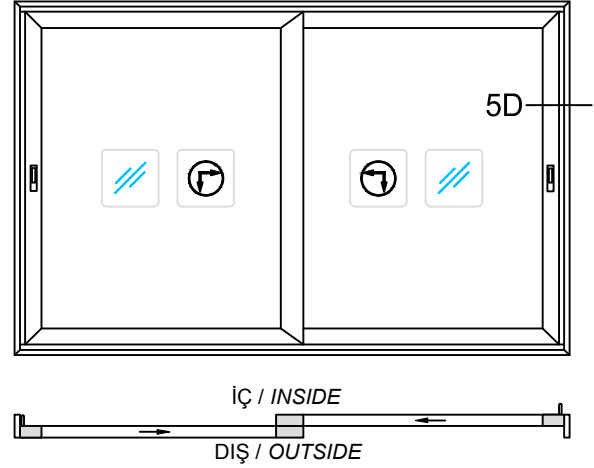
SP.S50.00.08

Detay Çizimleri / Detail Drawings
Alternatif Kol Detayı / Alternative Handle Detail
Detay / Detail 5D



bk. Kol Kombinasyonları BLSH
see. Handle Combination BLSH

İÇ
INSIDE



DİŞ
OUTSIDE

Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.
Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

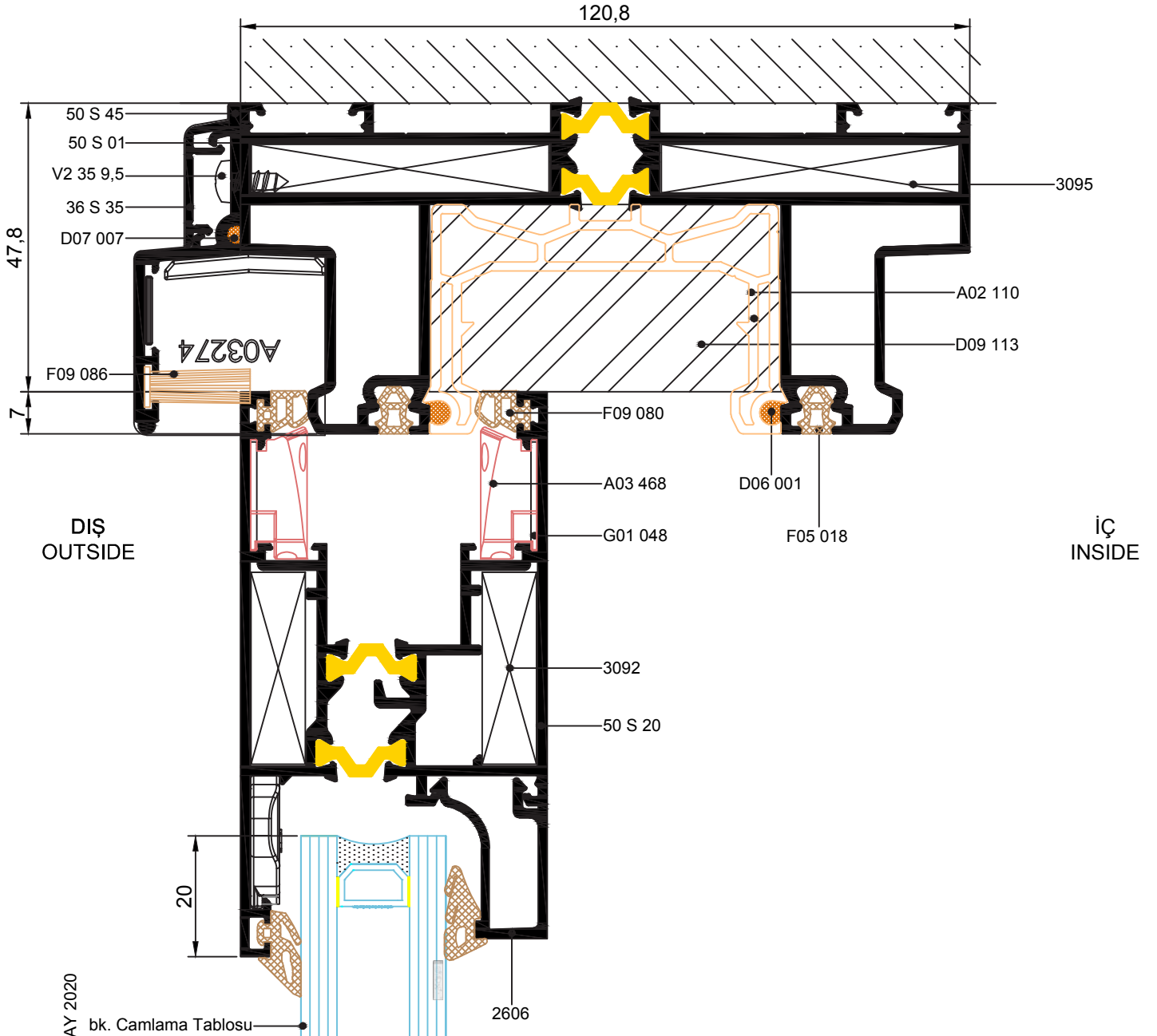
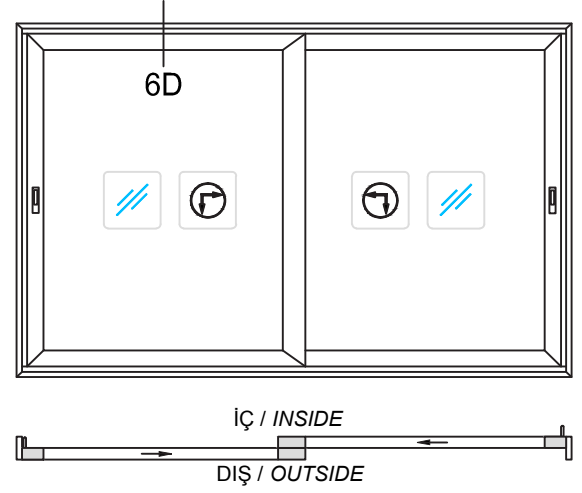
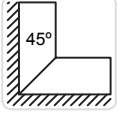
Ölçek Scale: 1/1

ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings

Uygulama Tip D Çift Kanat Hareketli / Application Type D Two Openable Sash

Detay / Detail 6D



MAYIS / MAY 2020

8/5-9

Ölçek Scale: 1/1

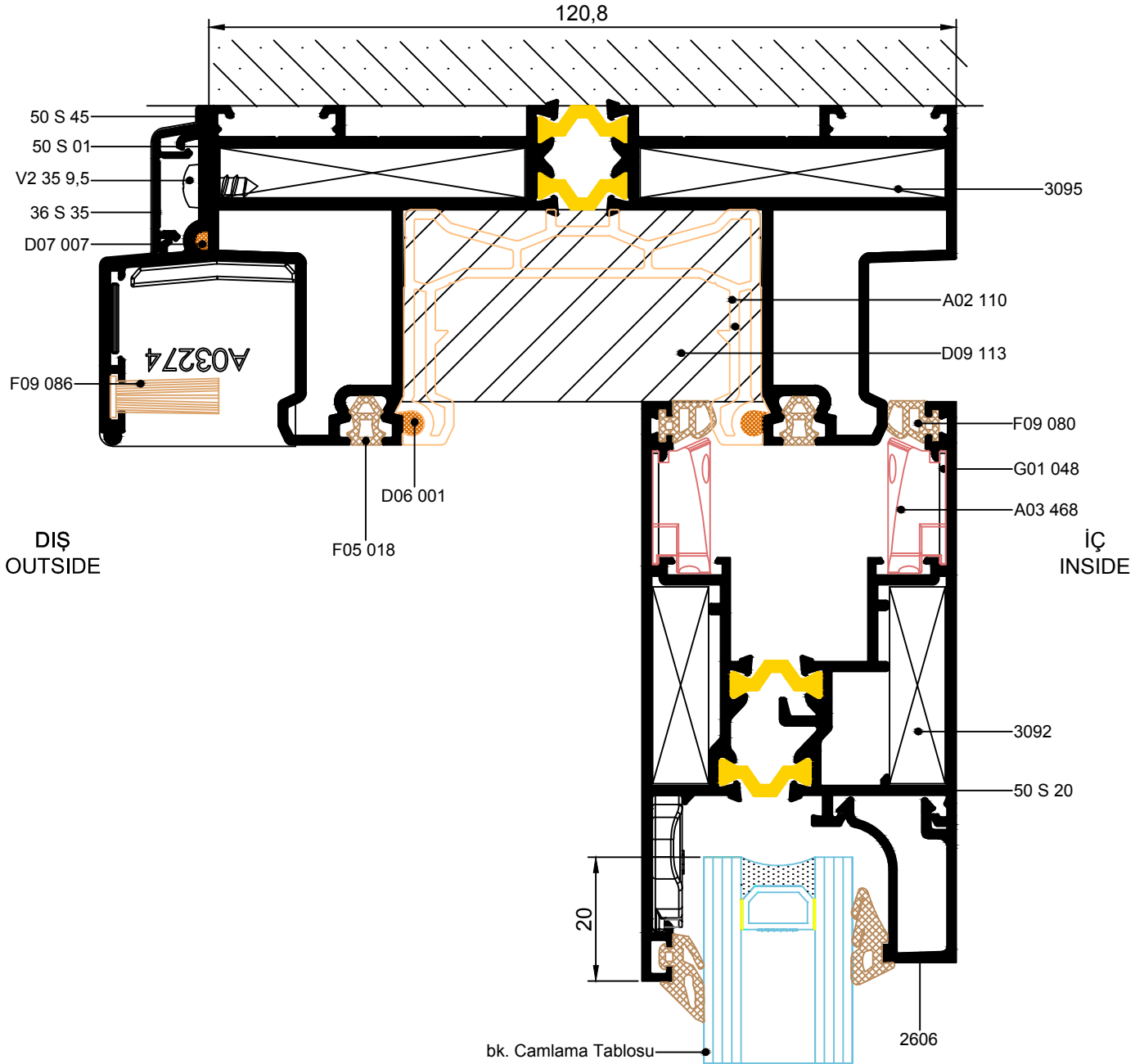
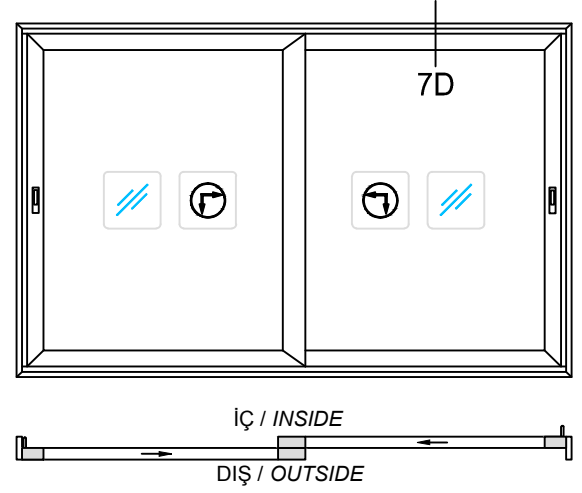
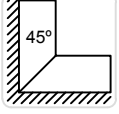
ÇUHADAROĞLU

SP.S50.00.08

Detay Çizimleri / Detail Drawings

Uygulama Tip D Çift Kanat Hareketli / Application Type D Two Openable Sash

Detay / Detail 7D



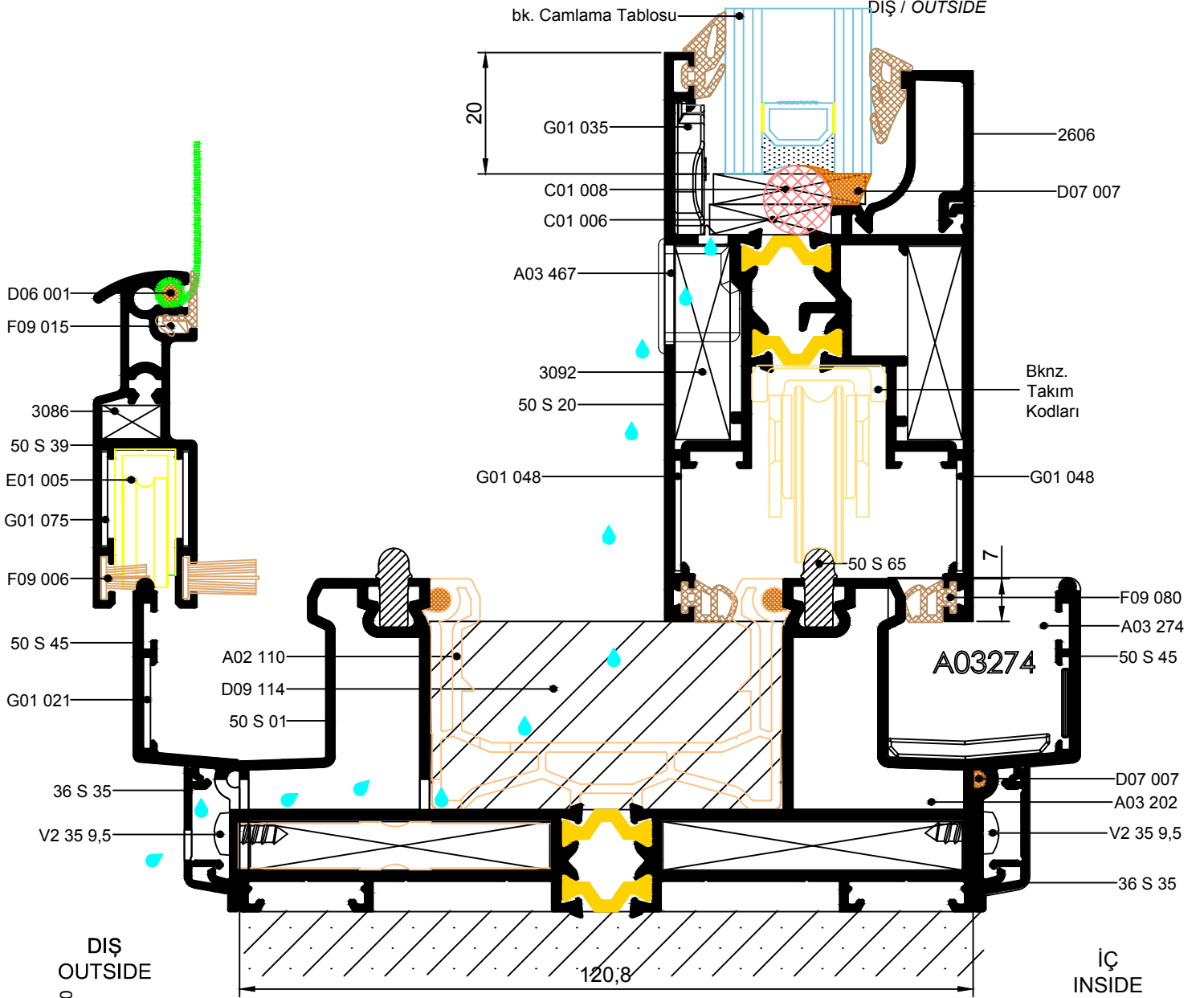
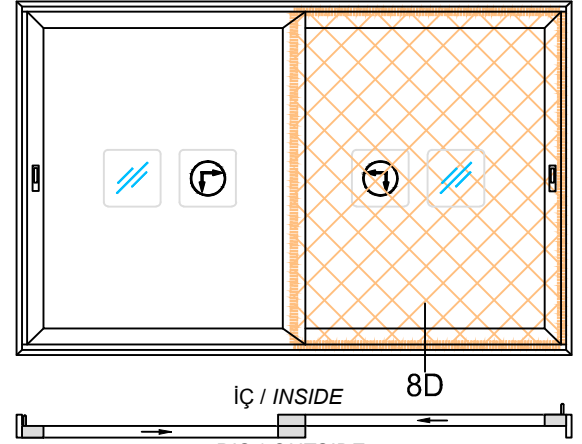
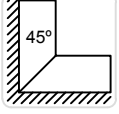
Ölçek Scale: 1/1

ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings

Uygulama Tip D Çift Kanat Hareketli / Application Type D Two Openable Sash

Detay / Detail 8D



TEMMUZ / JULY 2020

8/5-11

Ölçek Scale: 1/1

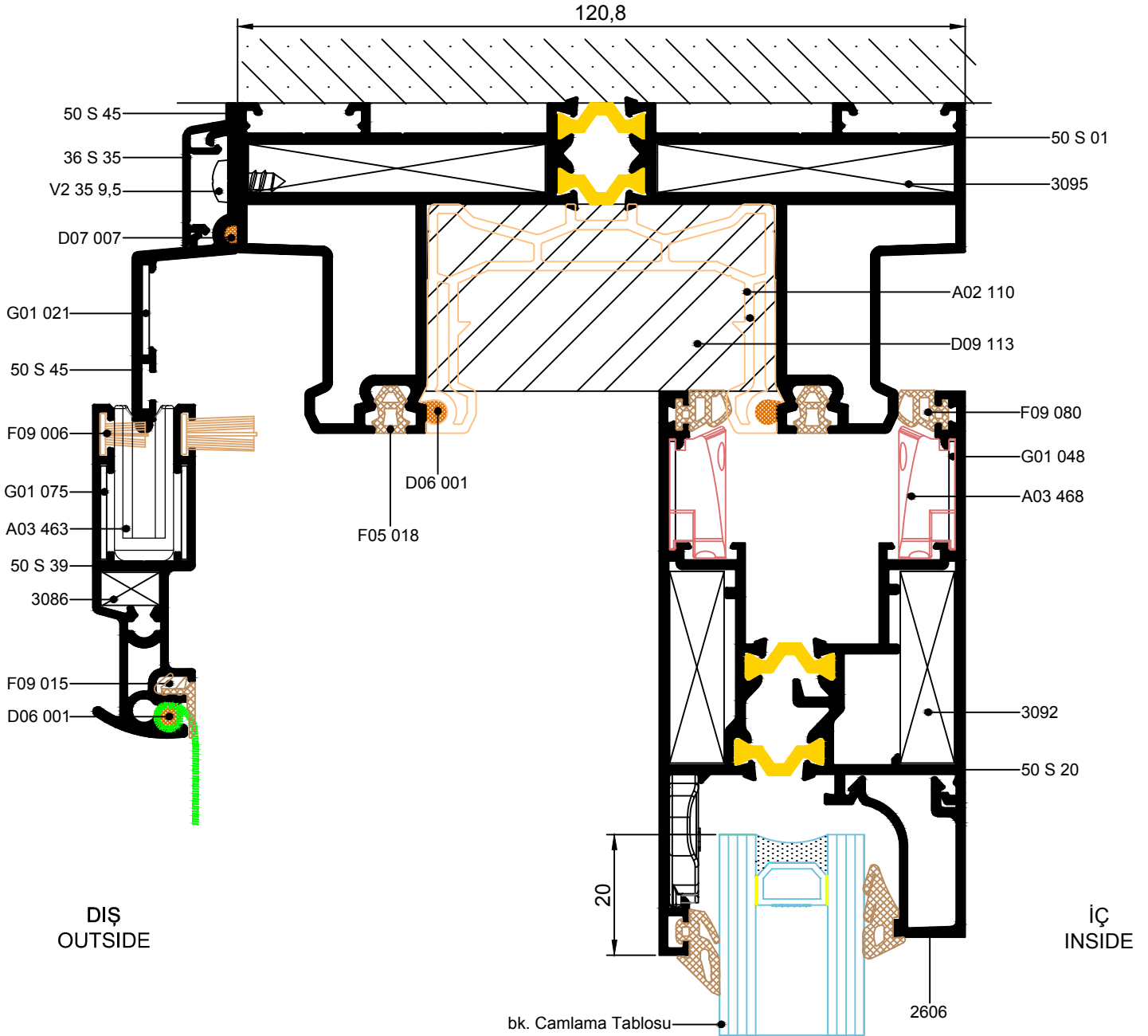
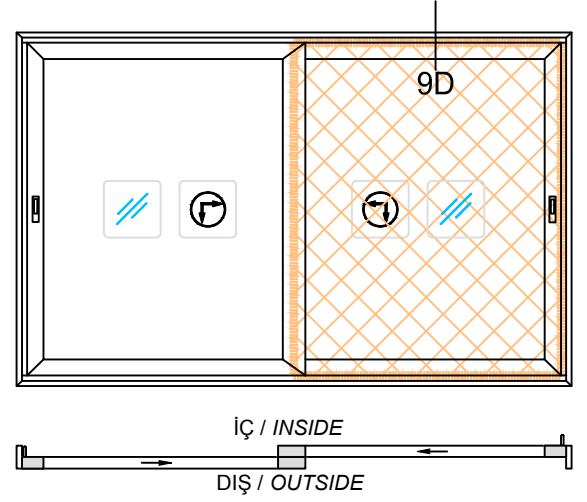
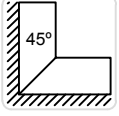
ÇUHADAROĞLU

SP.S50.00.08

Detay Çizimleri / Detail Drawings

Uygulama Tip D Çift Kanat Hareketli / Application Type D Two Openable Sash

Detay / Detail 9D



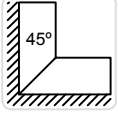
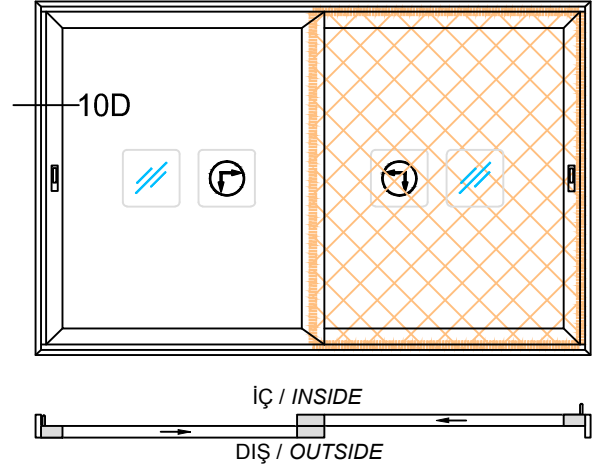
Ölçek Scale: 1/1

ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings

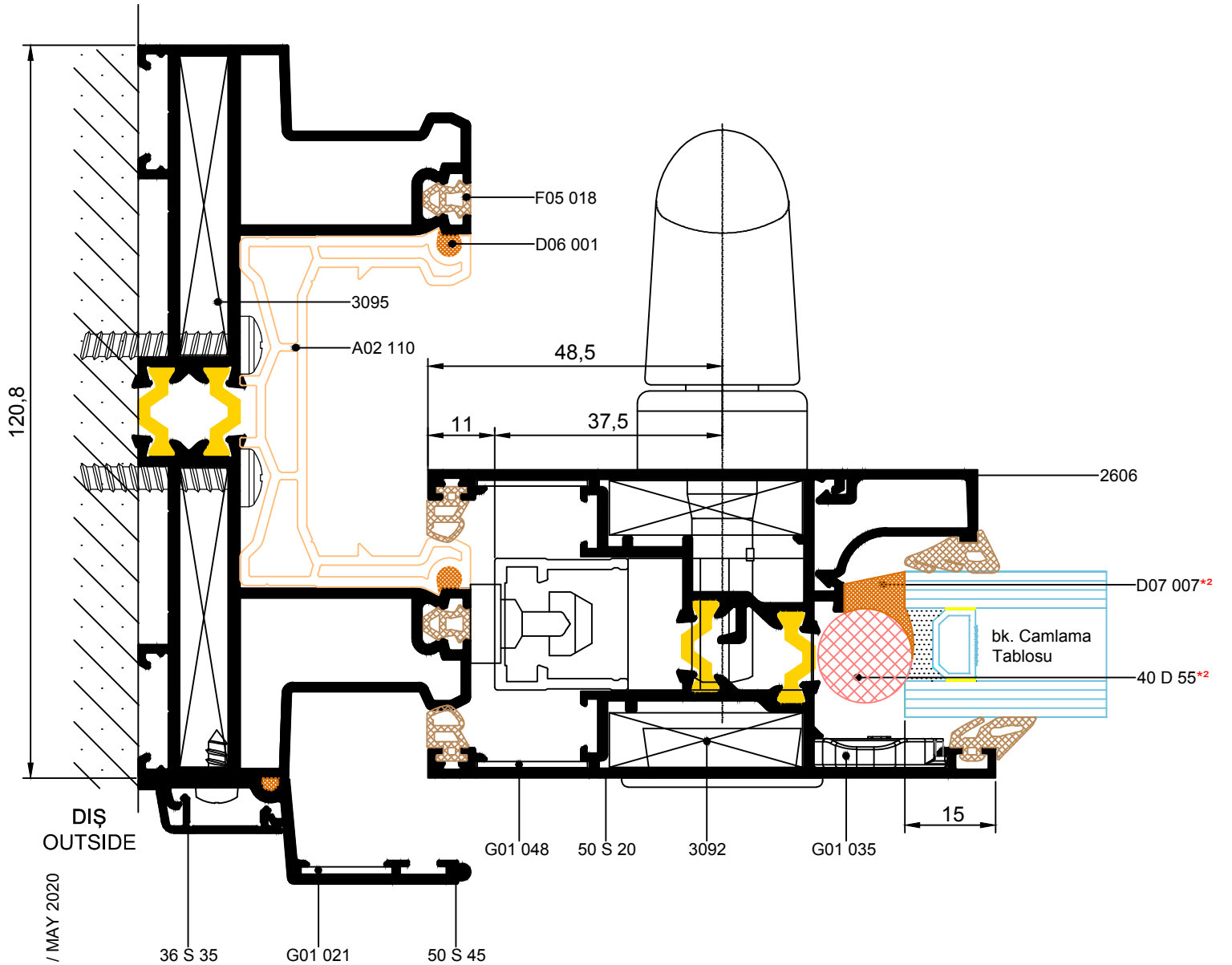
Uygulama Tip D Çift Kanat Hareketli / Application Type D Two Openable Sash

Detay / Detail 10D

İÇ
INSIDE

Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

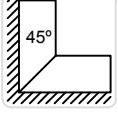


Ölçek Scale: 1/1

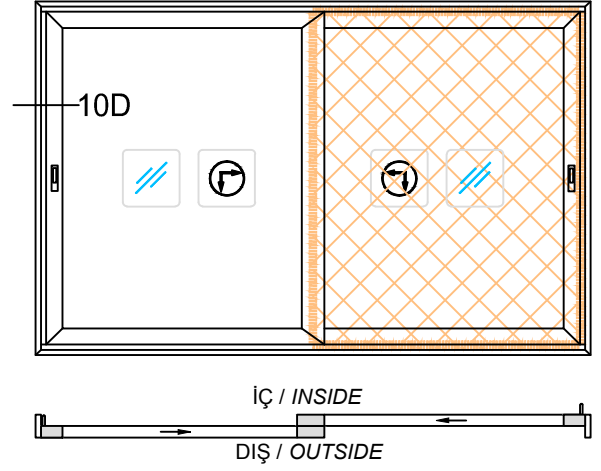
ÇUHADAROĞLU

SP.S50.00.08

Detay Çizimleri / Detail Drawings
Alternatif Kol Detayı / Alternative Handle Detail
Detay / Detail 10D

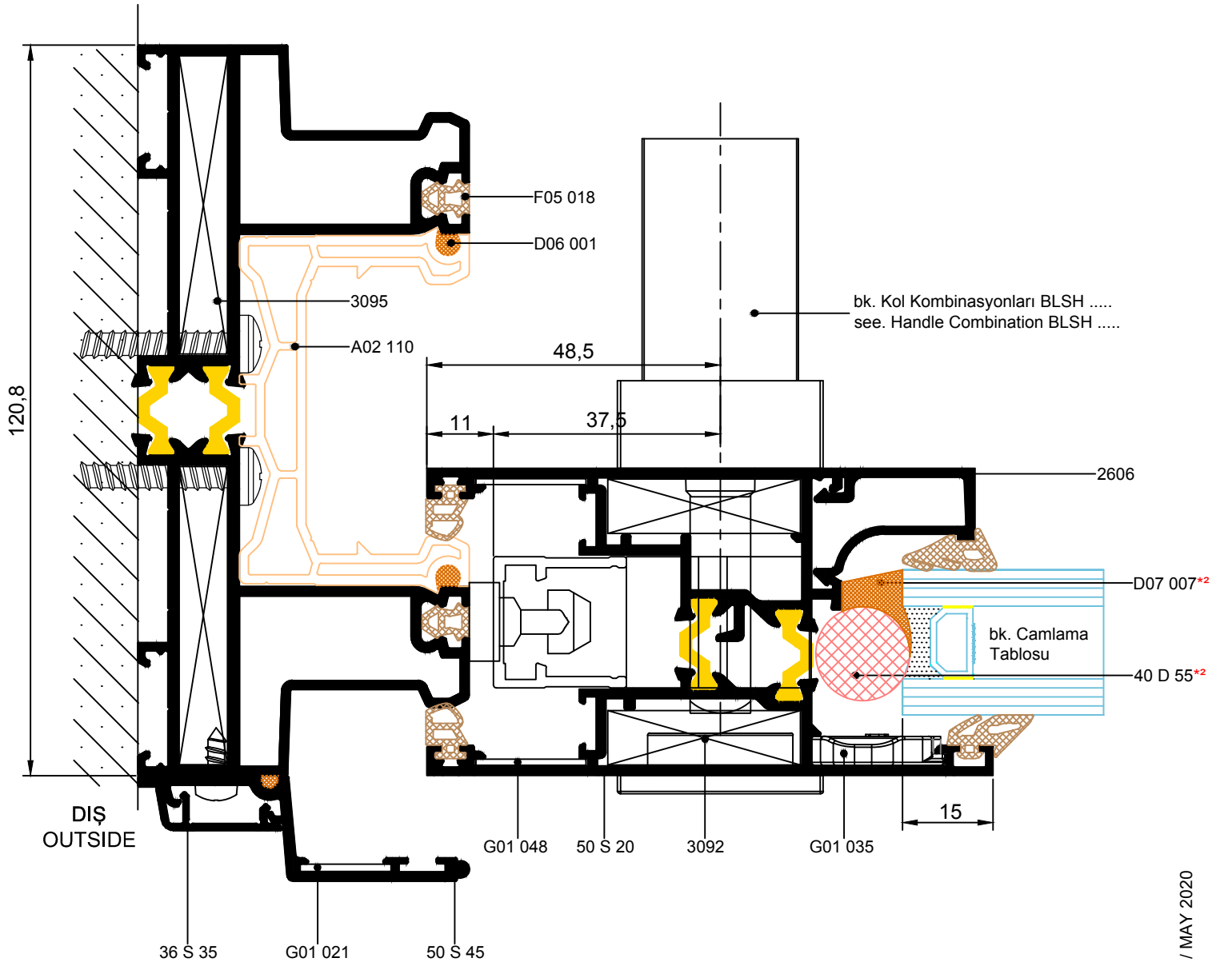


İÇ
INSIDE



Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.



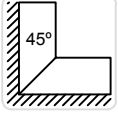
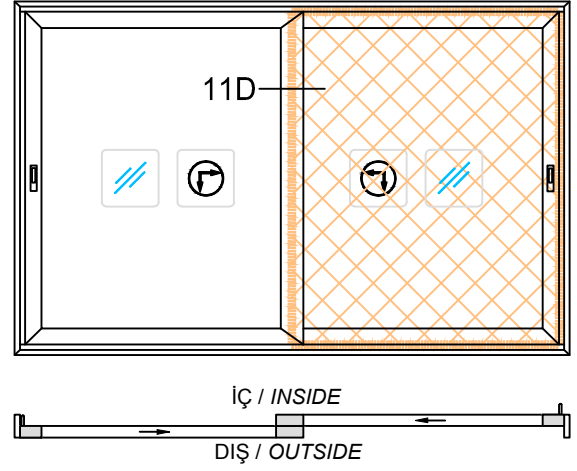
Ölçek Scale: 1/1

ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings

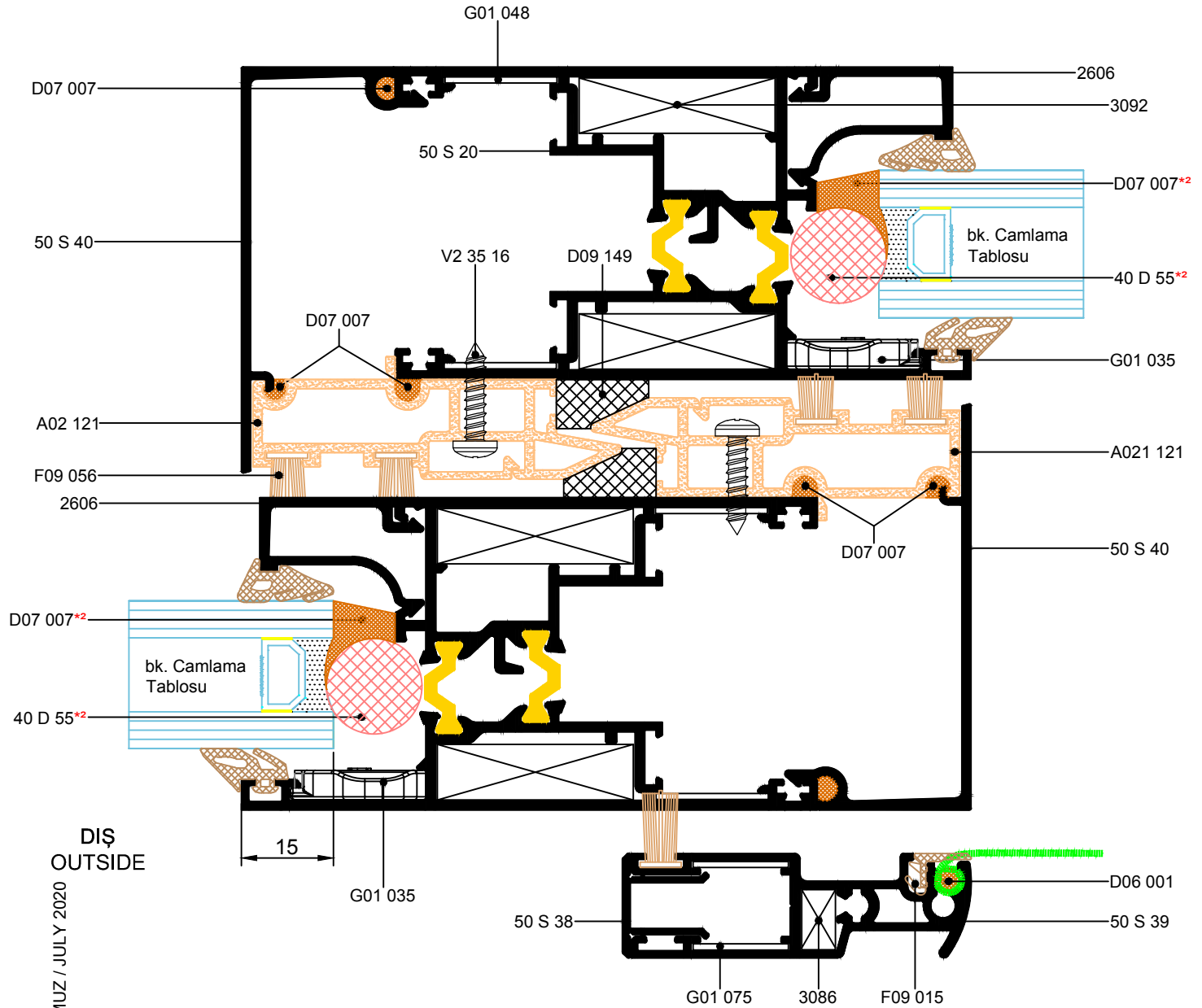
Uygulama Tip D Çift Kanat Hareketli / Application Type D Two Openable Sash

Detay / Detail 11D

İÇ
INSIDE

Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

DİŞ
OUTSIDE

TEMMUZ / JULY 2020

8/5-15

Ölçek Scale: 1/1

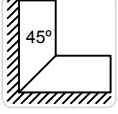
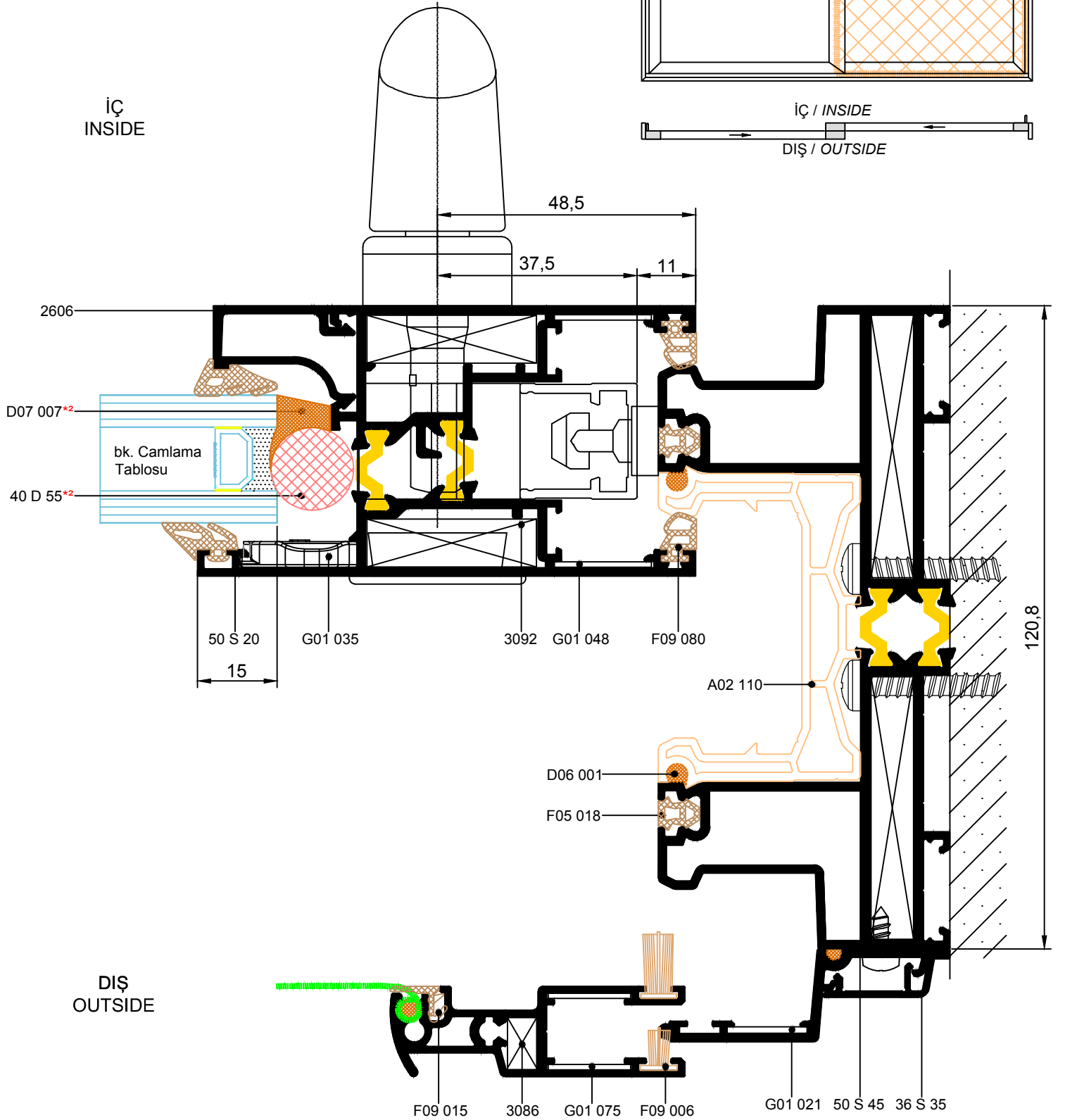
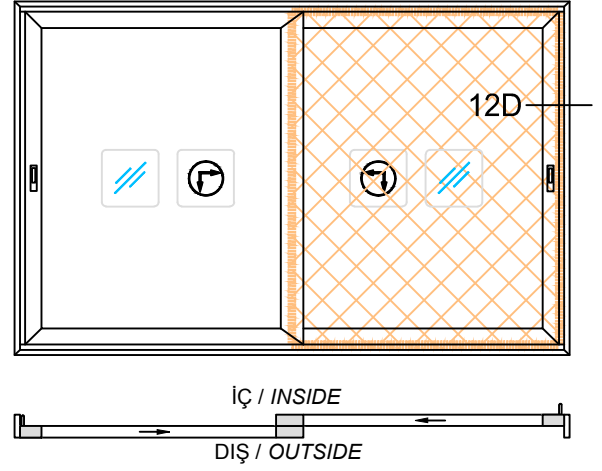
ÇUHADAROĞLU

SP.S50.00.08

Detay Çizimleri / Detail Drawings

Uygulama Tip D Çift Kanat Hareketli / Application Type D Two Openable Sash

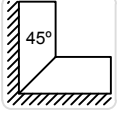
Detay / Detail 12D

İÇ
INSIDEDİŞ
OUTSIDE

Ölçek Scale: 1/1

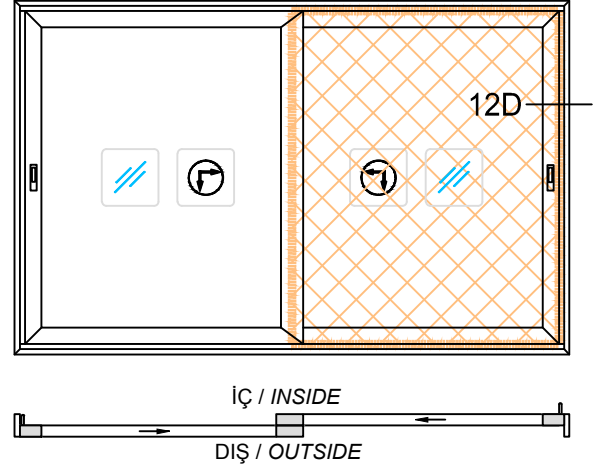
ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings
Alternatif Kol Detayı / Alternative Handle Detail
Detay / Detail 12D

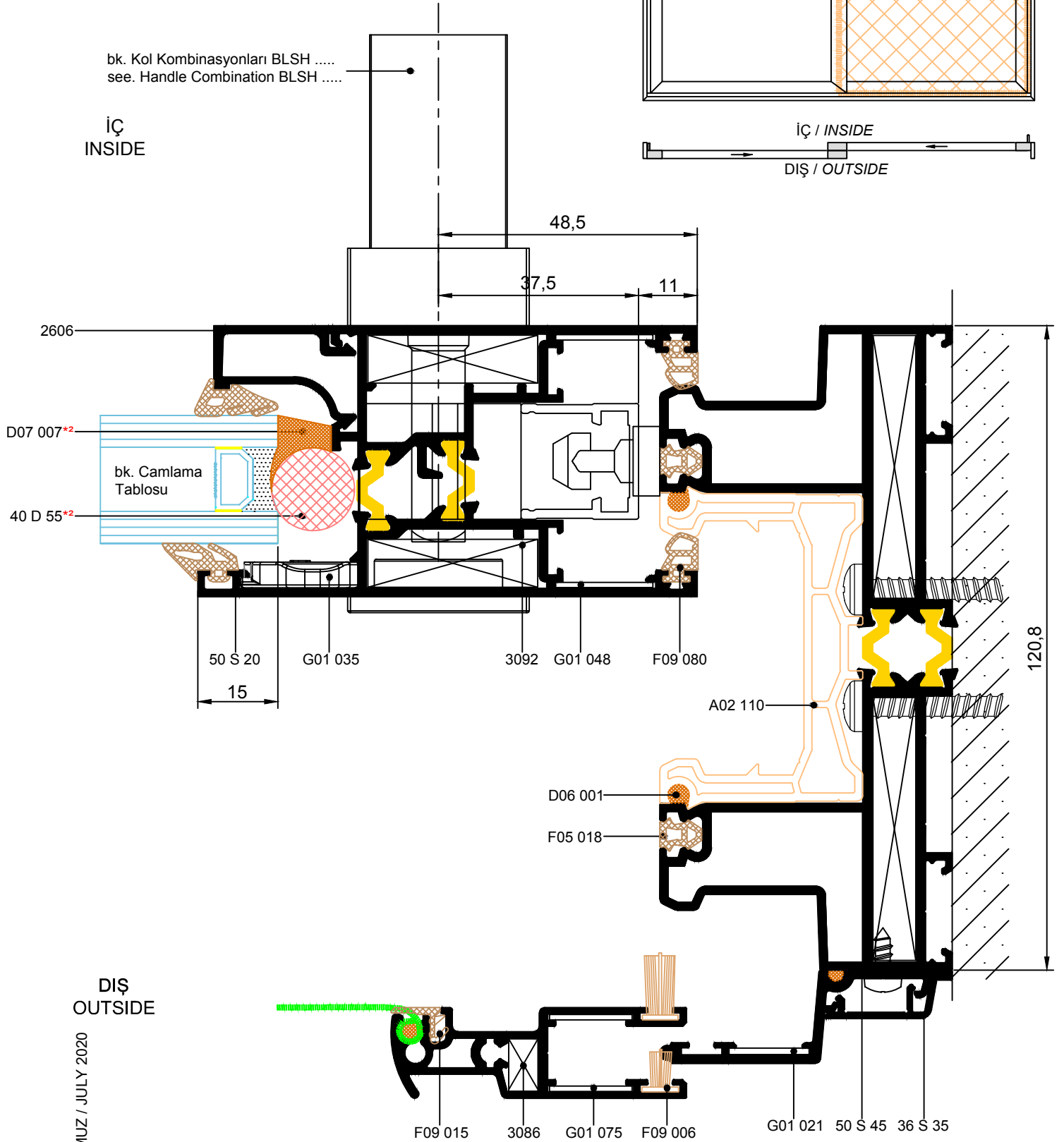


bk. Kol Kombinasyonları BLSH
see. Handle Combination BLSH

İÇ
INSIDE



İÇ / INSIDE
DİŞ / OUTSIDE



DİŞ
OUTSIDE

TEMMUZ / JULY 2020

8/5-17

Ölçek Scale: 1/1

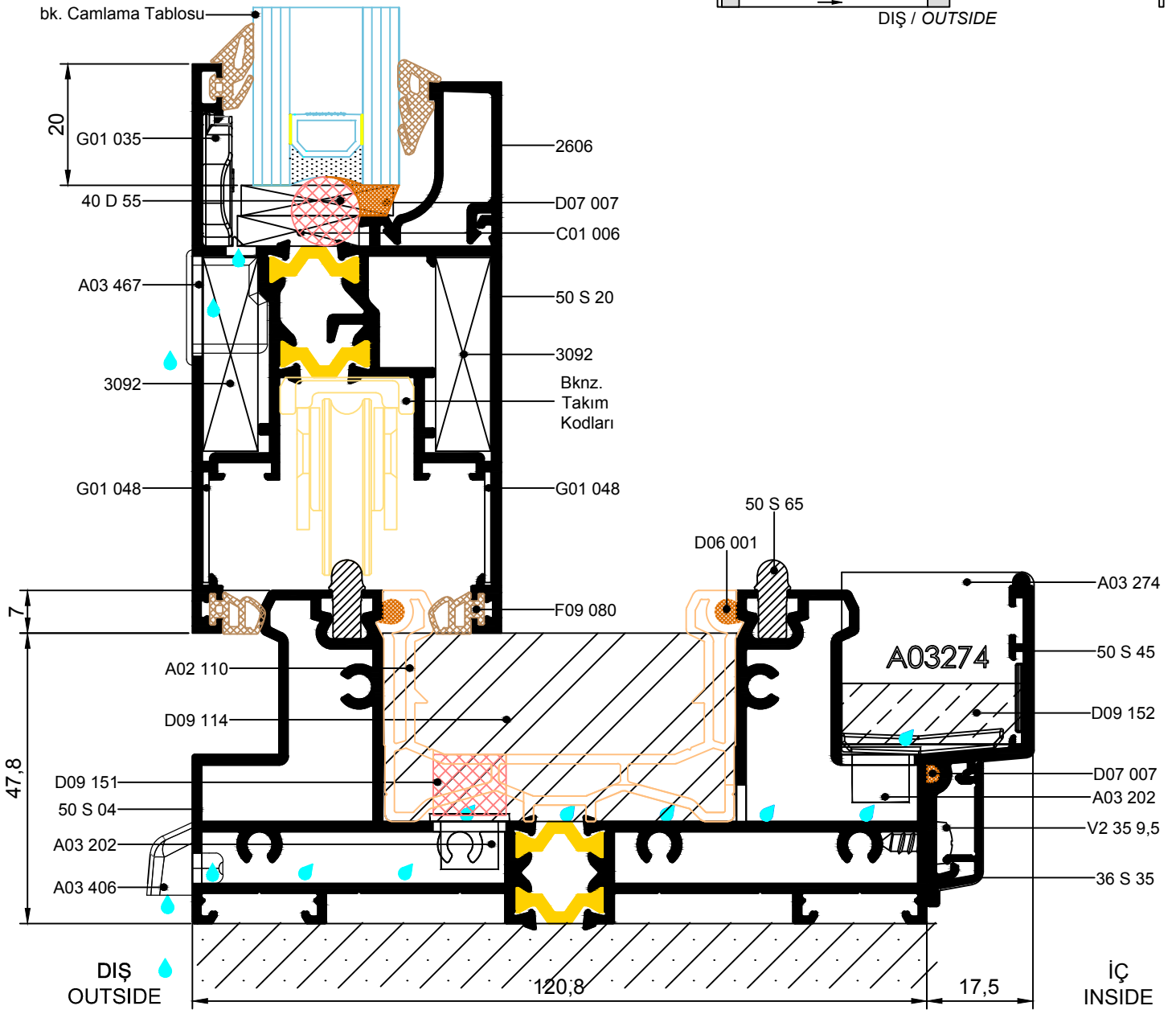
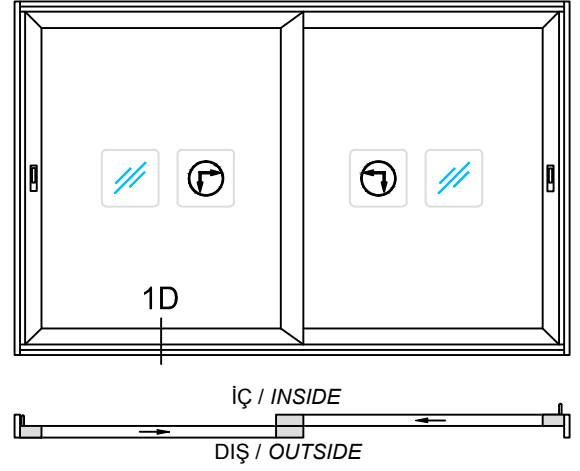
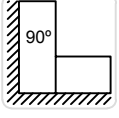
ÇUHADAROĞLU

SP.S50.00.08

Detay Çizimleri / Detail Drawings

Uygulama Tip D Çift Kanat Hareketli / Application Type D Two Openable Sash

Alternatif 90 Kasa Birleşim Detayı / Alternative 90 Frame Connection Detail 1D



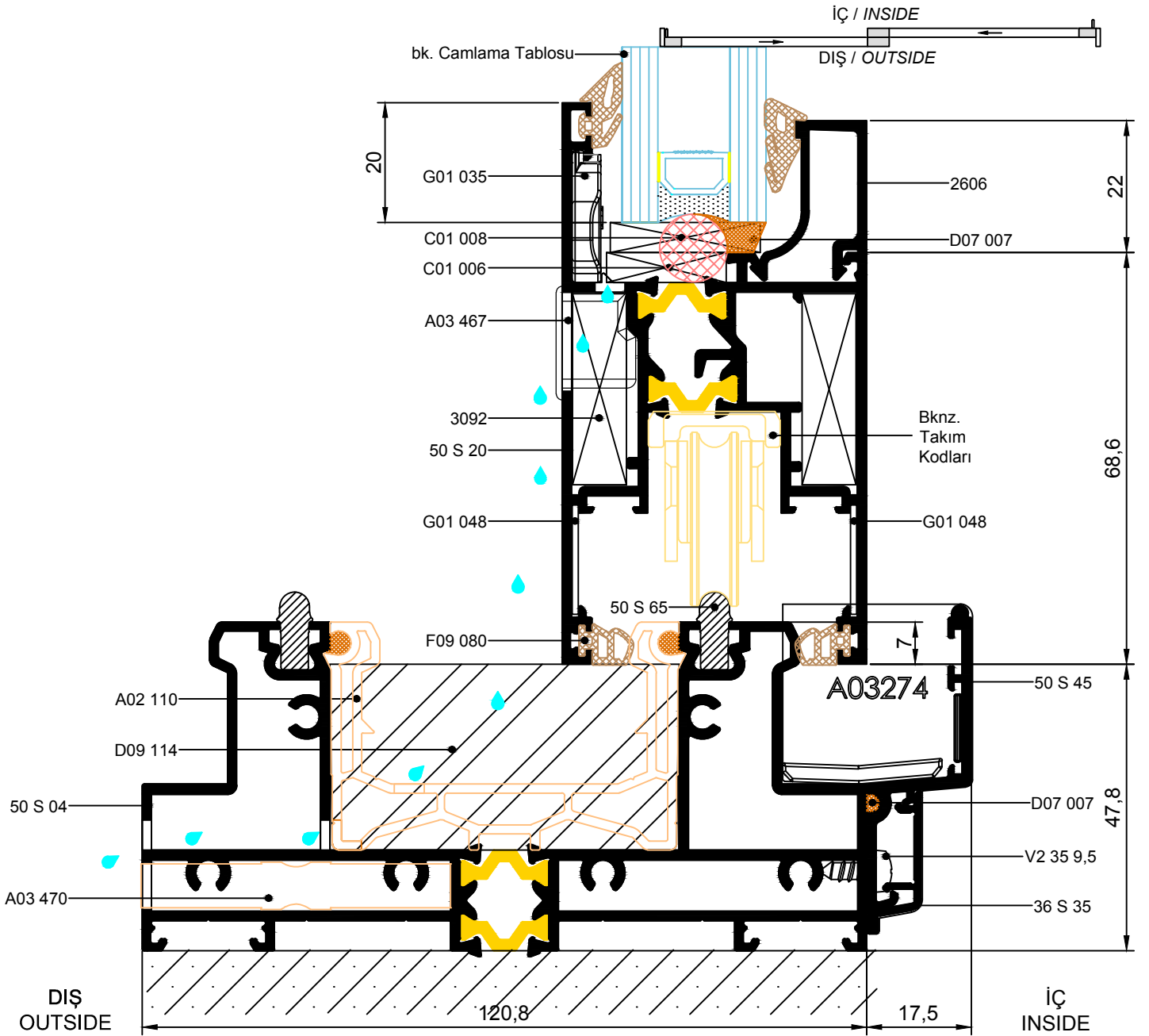
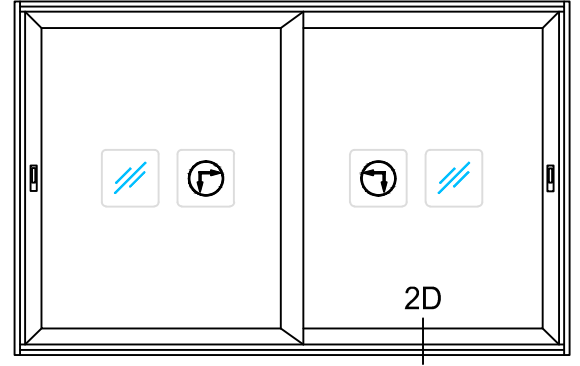
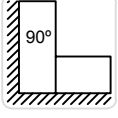
Ölçek Scale: 1/1

ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings

Uygulama Tip D Çift Kanat Hareketli / Application Type D Two Openable Sash

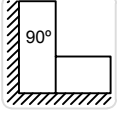
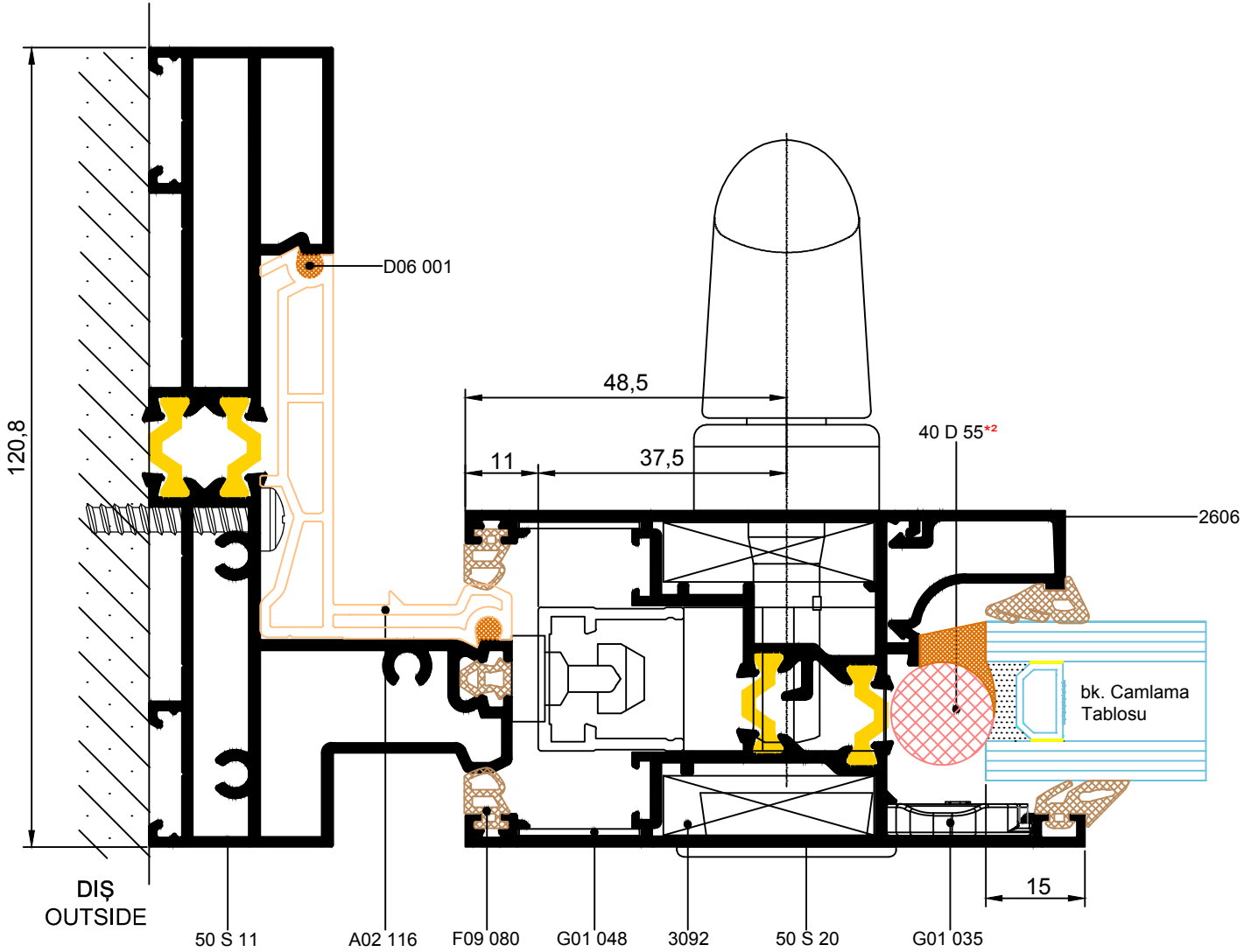
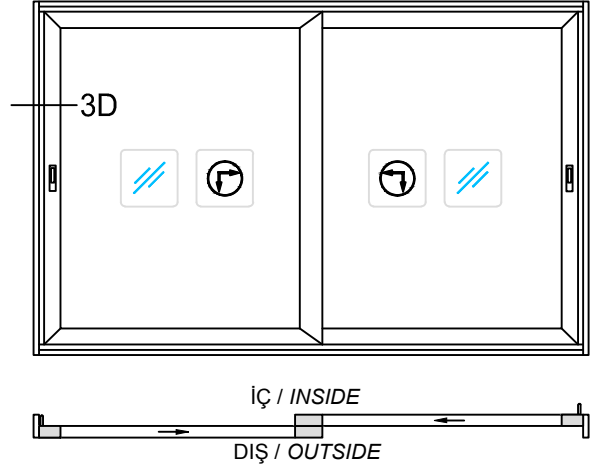
Alternatif 90 Kasa Birleşim Detayı / Alternative 90 Frame Connection Detail 2D



Detay Çizimleri / Detail Drawings

Uygulama Tip D Çift Kanat Hareketli / Application Type D Two Openable Sash

Alternatif 90 Kasa Birleşim Detayı / Alternative 90 Frame Connection Detail 3D

İÇ
INSIDE

Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

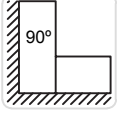
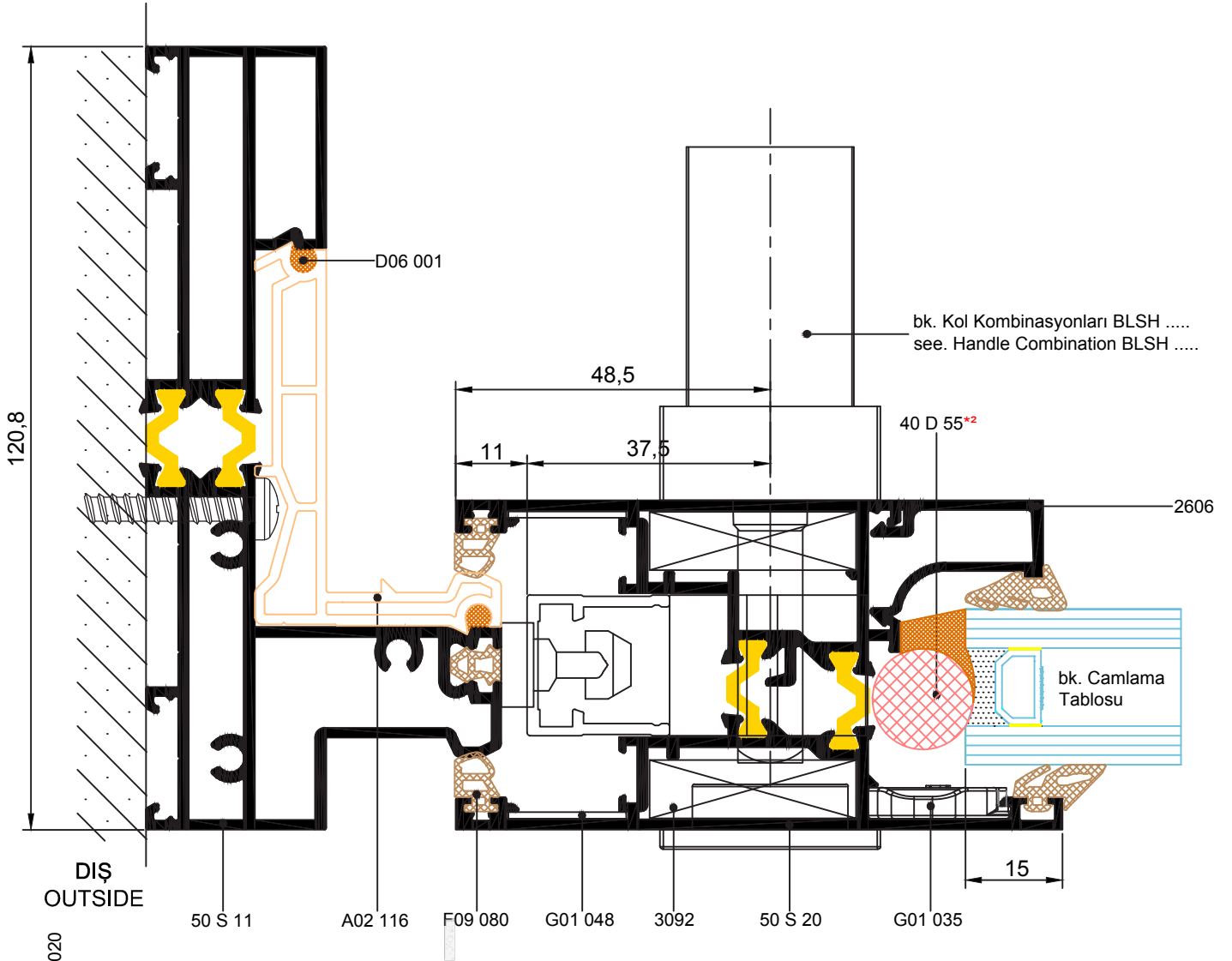
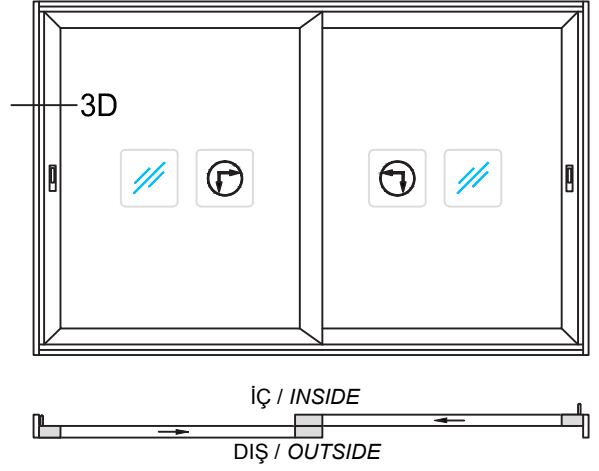
Ölçek Scale: 1/1

ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings

Alternatif Kol Detayı / Alternative Handle Detail

Alternatif 90 Kasa Birleşim Detayı / Alternative 90 Frame Connection Detail 3D

İÇ
INSIDE

Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

Ölçek Scale: 1/1

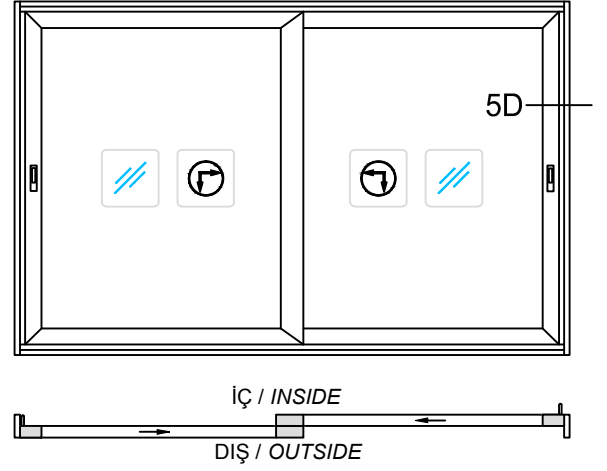
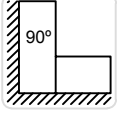
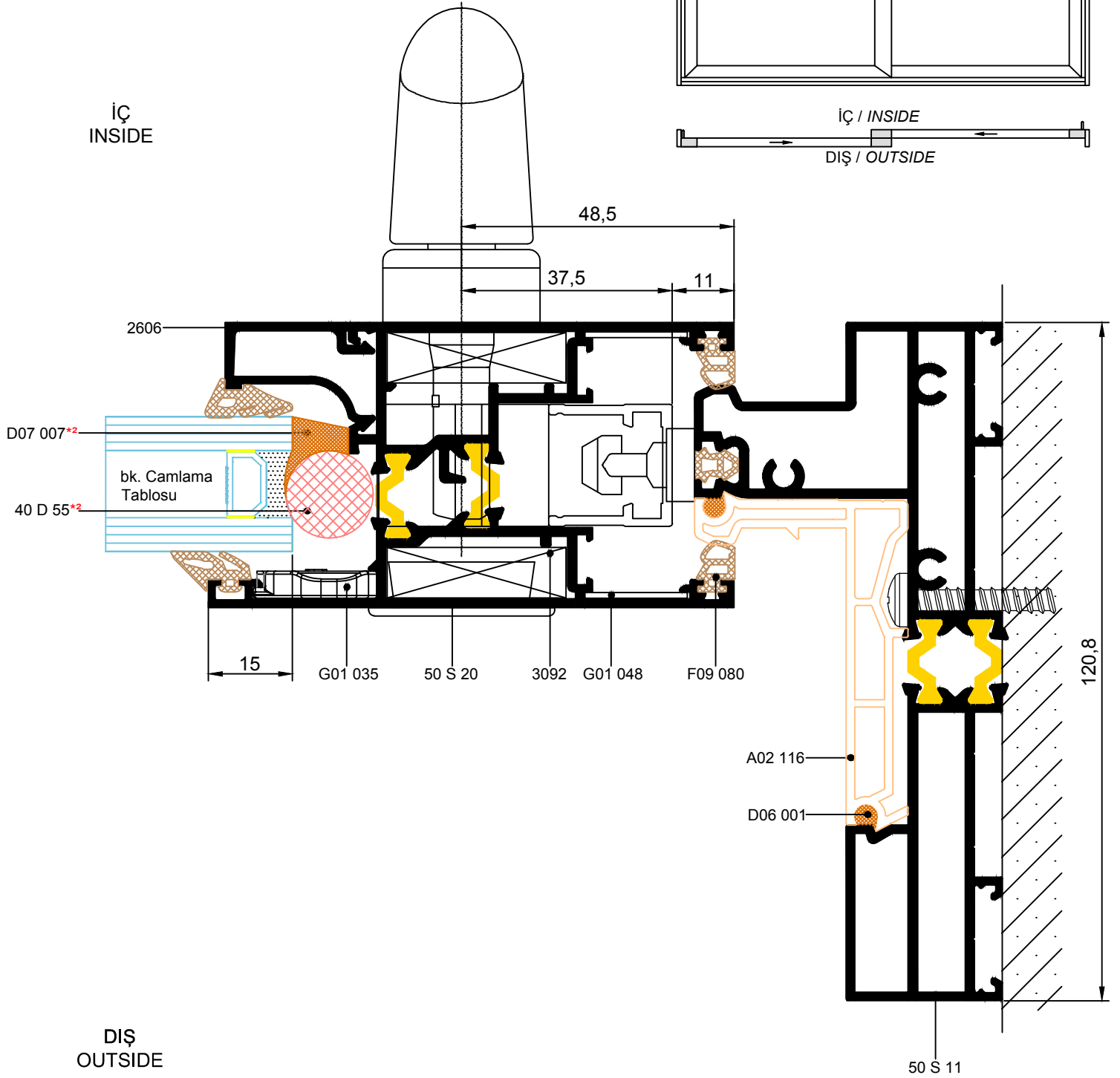
ÇUHADAROĞLU

SP.S50.00.08

Detay Çizimleri / Detail Drawings

Uygulama Tip D Çift Kanat Hareketli / Application Type D Two Openable Sash

Alternatif 90 Kasa Birleşim Detayı / Alternative 90 Frame Connection Detail 5D

İÇ
INSIDEDIŞ
OUTSIDE

Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

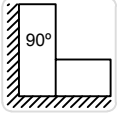
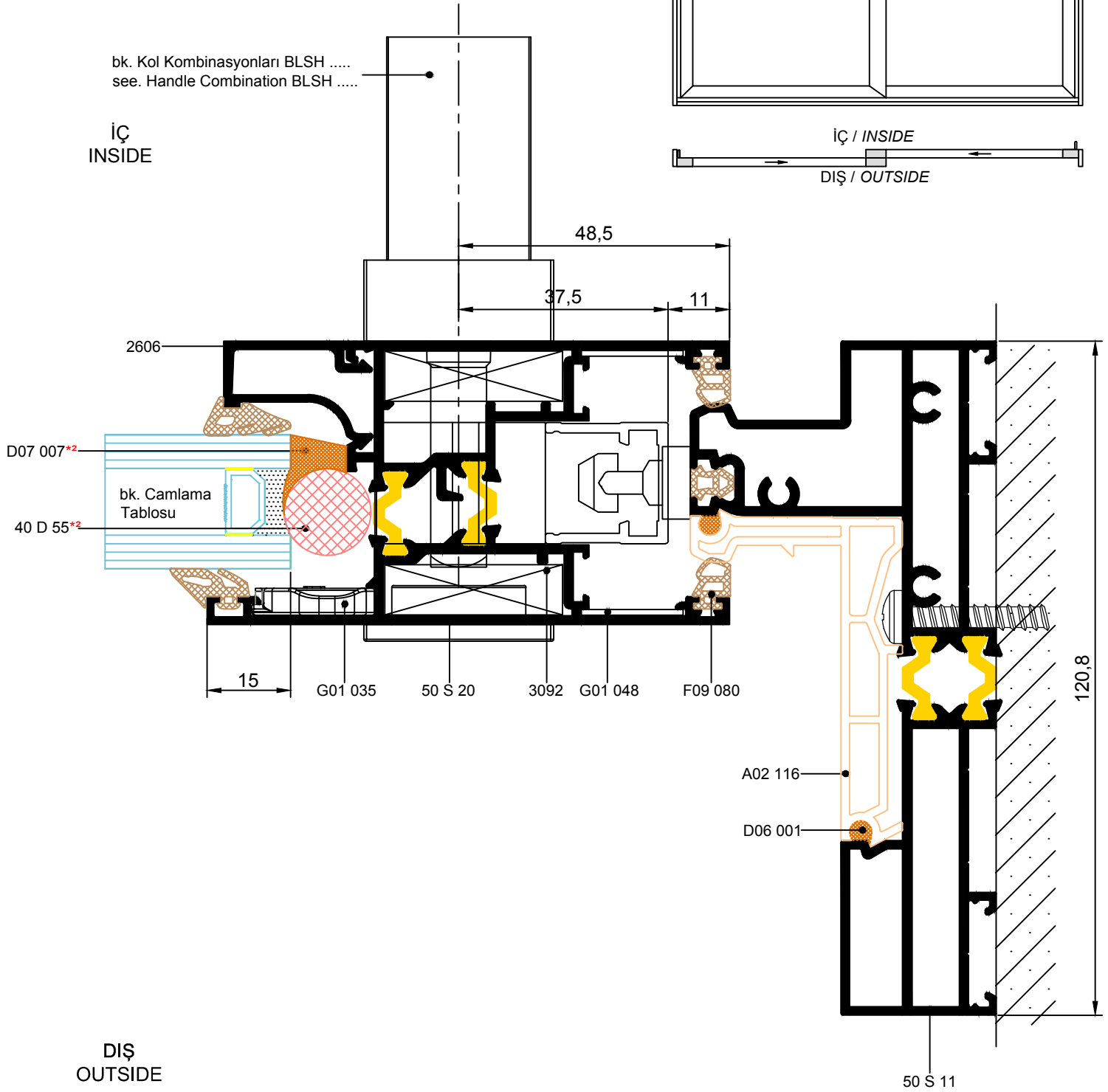
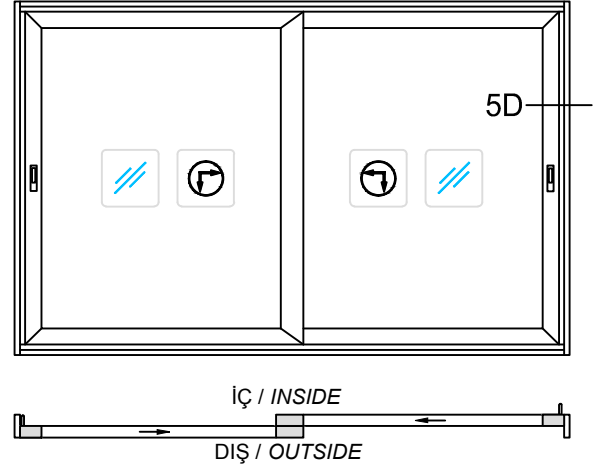
Ölçek Scale: 1/1

ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings

Alternatif Kol Detayı / Alternative Handle Detail

Alternatif 90 Kasa Birleşim Detayı / Alternative 90 Frame Connection Detail 5D

bk. Kol Kombinasyonları BLSH
see. Handle Combination BLSHİÇ
INSIDEDIŞ
OUTSIDE

Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

Ölçek Scale: 1/1

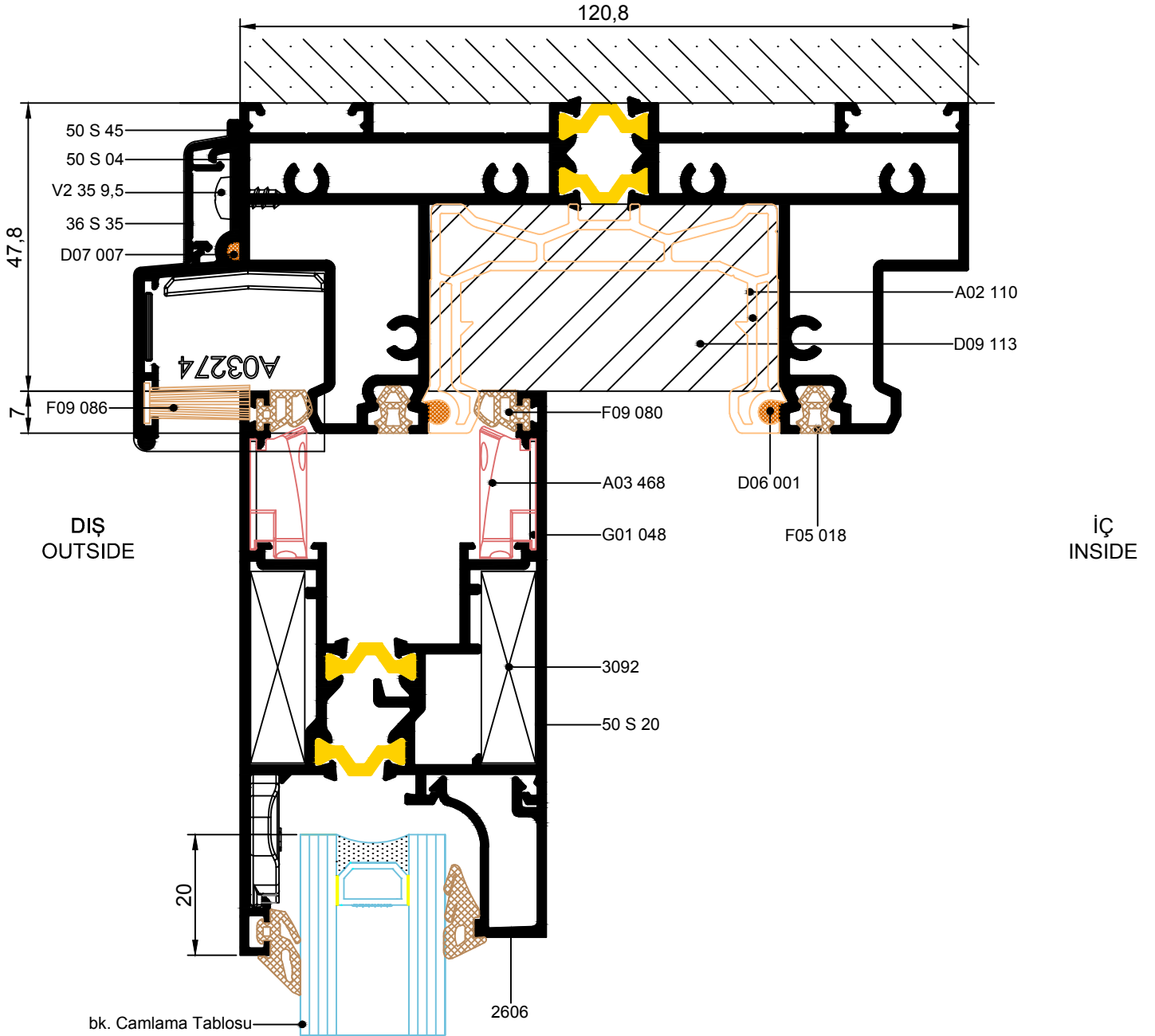
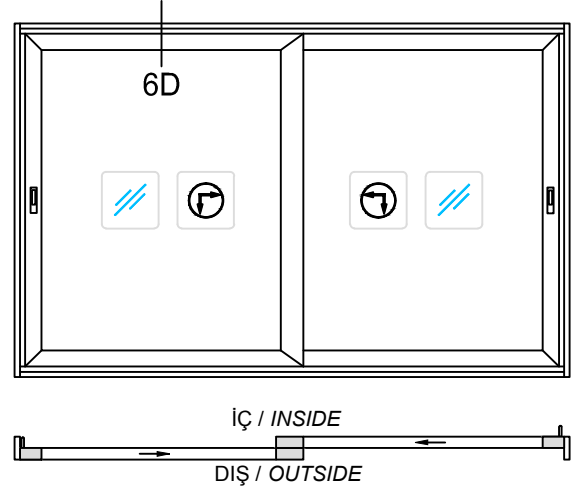
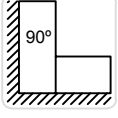
ÇUHADAROĞLU

SP.S50.00.08

Detay Çizimleri / Detail Drawings

Uygulama Tip D Çift Kanat Hareketli / Application Type D Two Openable Sash

Alternatif 90 Kasa Birleşim Detayı / Alternative 90 Frame Connection Detail 6D



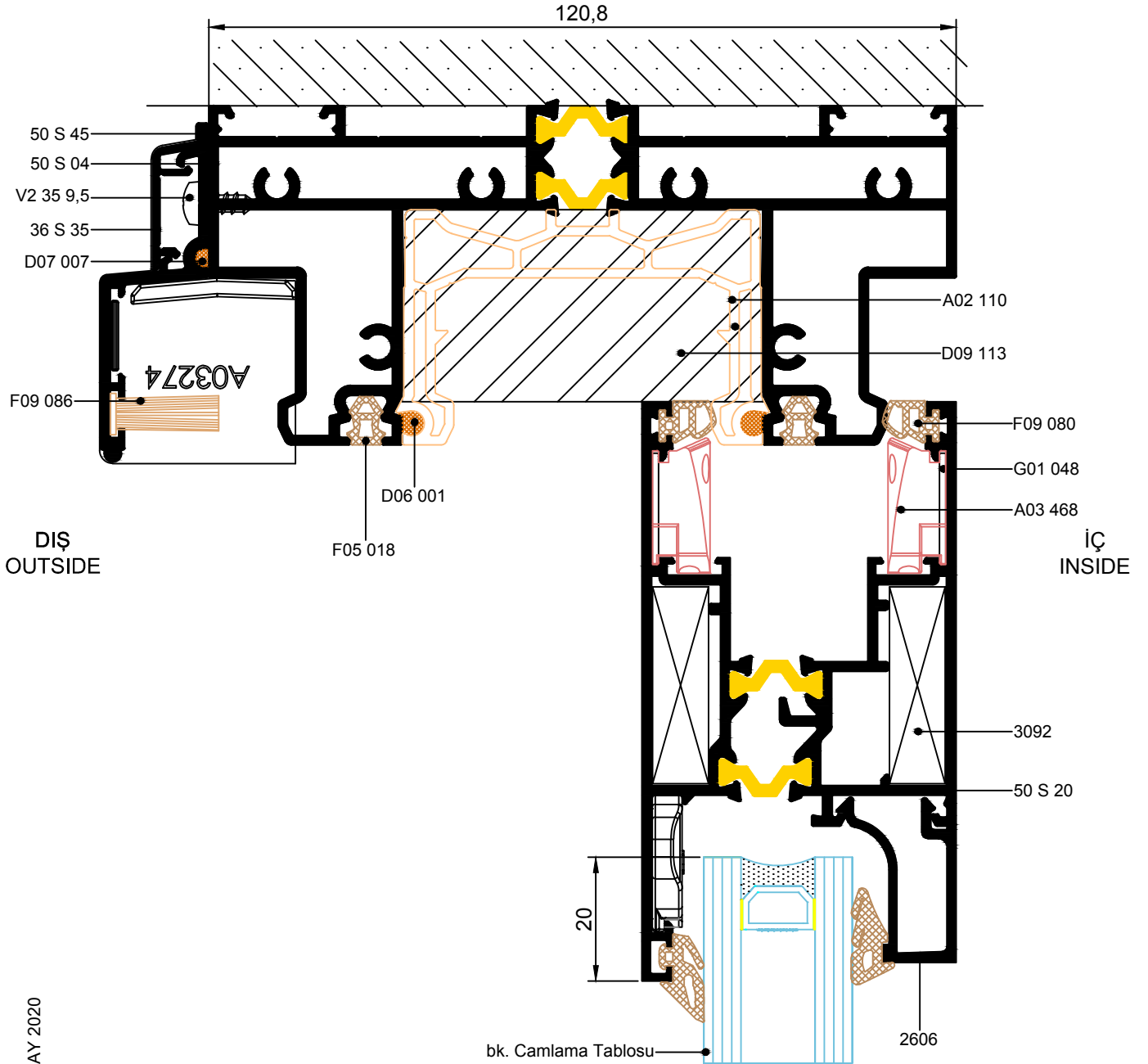
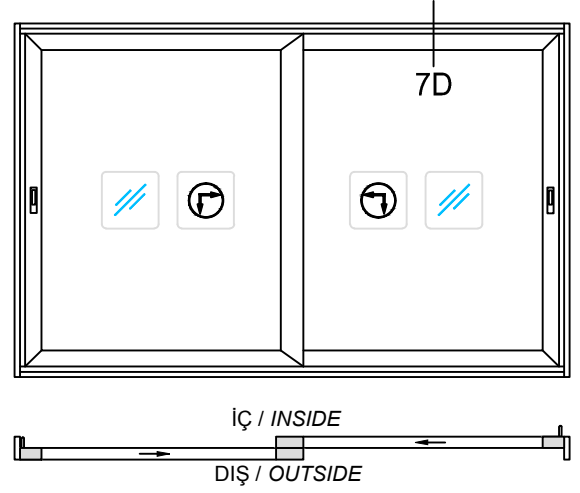
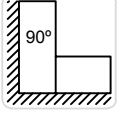
Ölçek Scale: 1/1

ÇUHADAROĞLU

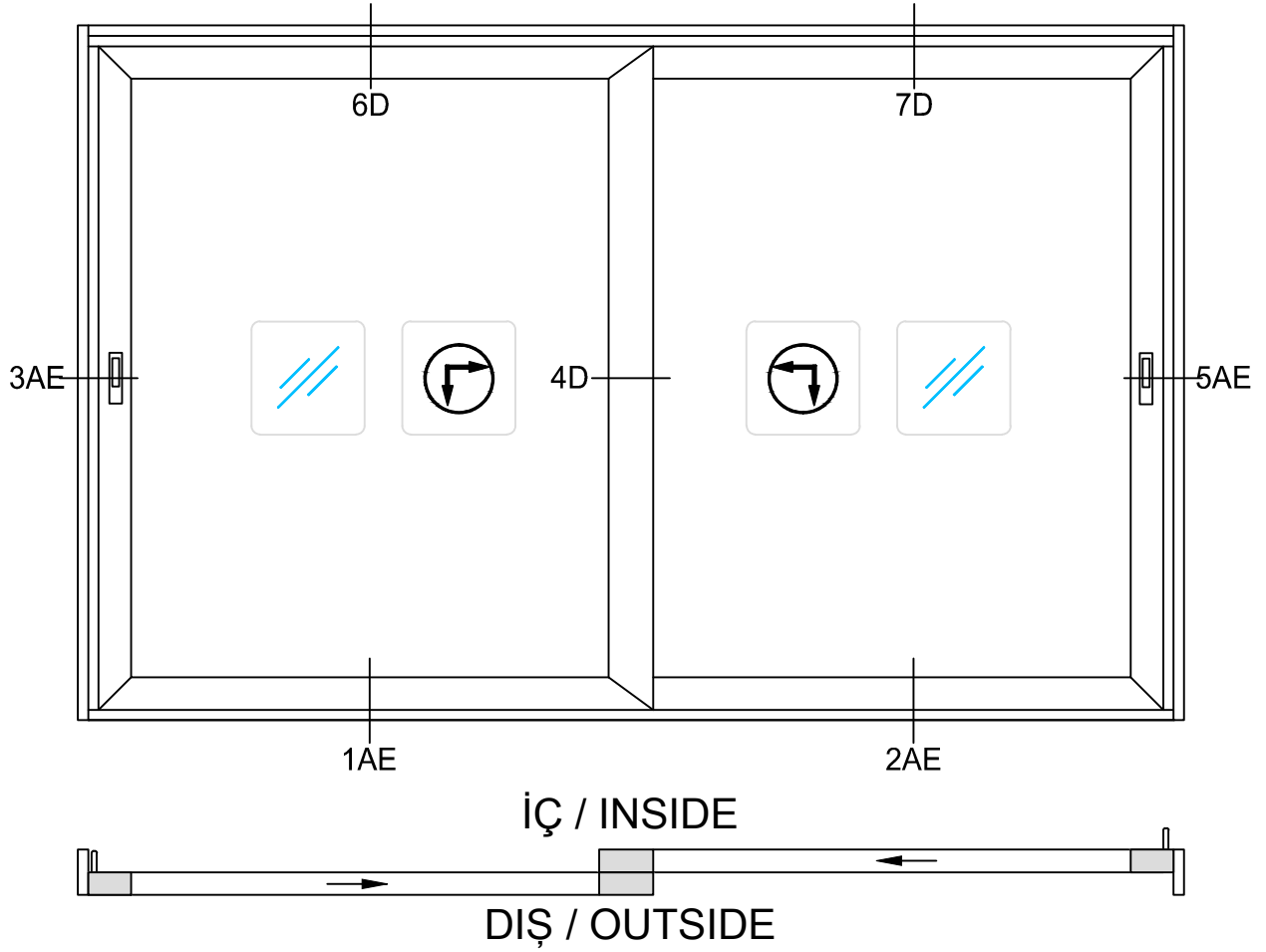
Detay Çizimleri / Detail Drawings

Uygulama Tip D Çift Kanat Hareketli / Application Type D Two Openable Sash

Alternatif 90 Kasa Birleşim Detayı / Alternative 90 Frame Connection Detail 7D



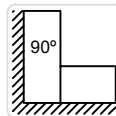
TİP D ALÇAK EŞİK / TYPE D THRESHOLD



S50 Tip D alçak eşik detayları yukarıdaki gibi numaralandırılmıştır.
S50 Type D low sill details are numbered as above.

Detay 1AE için bk. Sayfa 8/6-1
Detay 2AE için bk. Sayfa 8/6-2
Detay 3AE için bk. Sayfa 8/6-3
Detay 4D için bk. Sayfa 8/5-5
Detay 5AE için bk. Sayfa 8/6-5
Detay 6D için bk. Sayfa 8/5-9
Detay 7D için bk. Sayfa 8/5-10

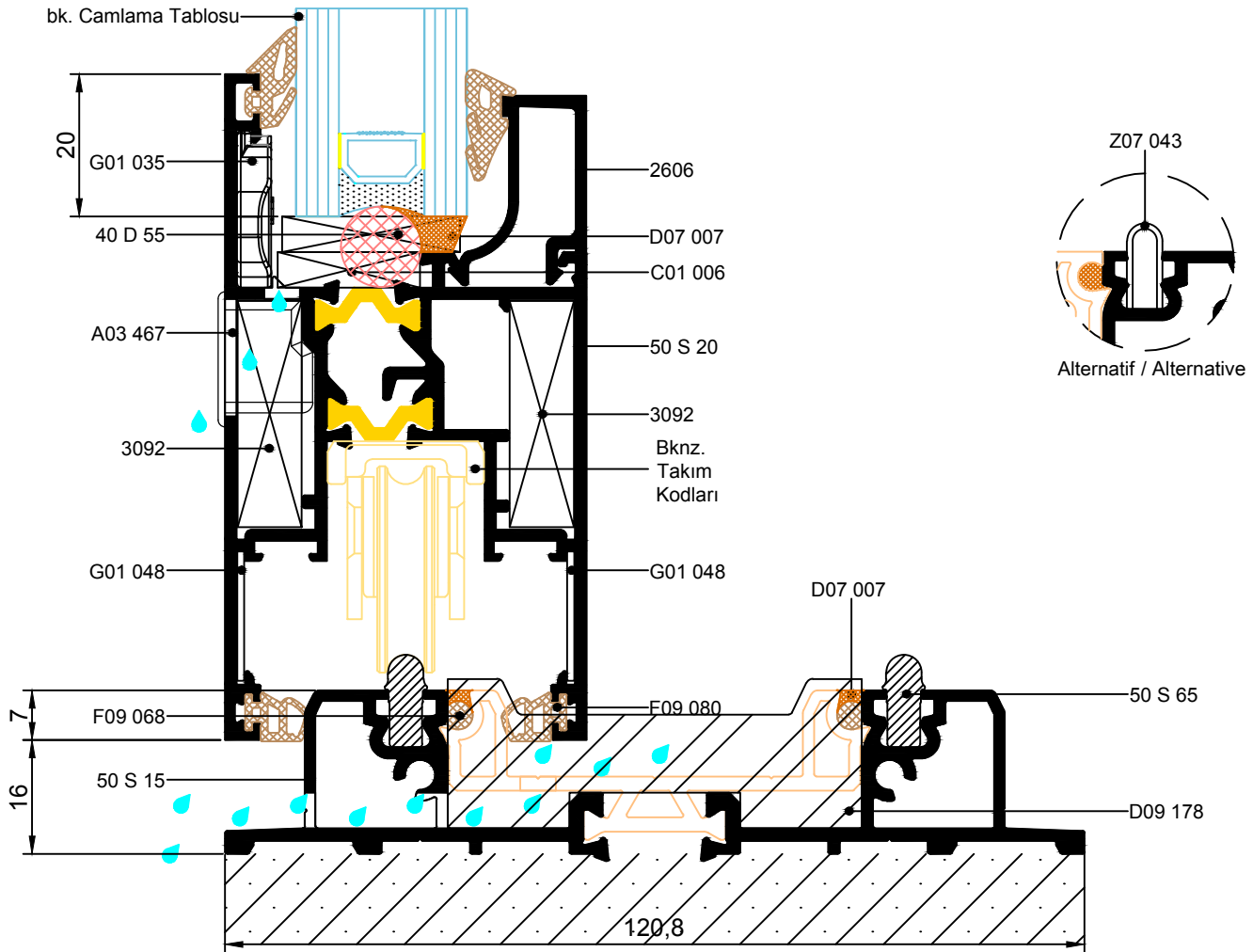
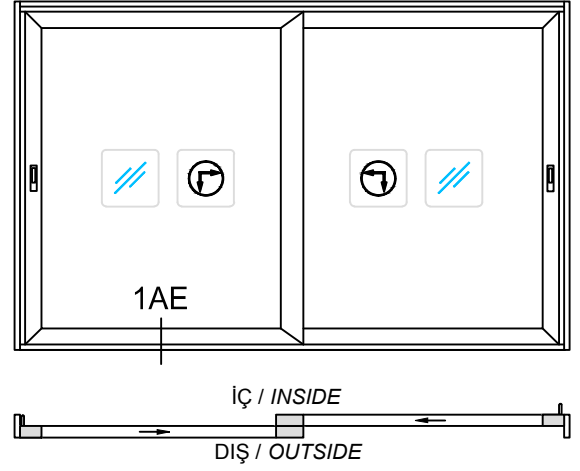
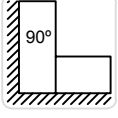
For details 1AE see. Page 8/6-1
For details 2AE see. Page 8/6-2
For details 3AE see. Page 8/6-3
For details 4D see. Page 8/5-5
For details 5AE see. Page 8/6-5
For details 6D see. Page 8/5-9
For details 7D see. Page 8/5-10



Detay Çizimleri / Detail Drawings

Uygulama Tip D Alçak Eşik / Application Type D Threshold

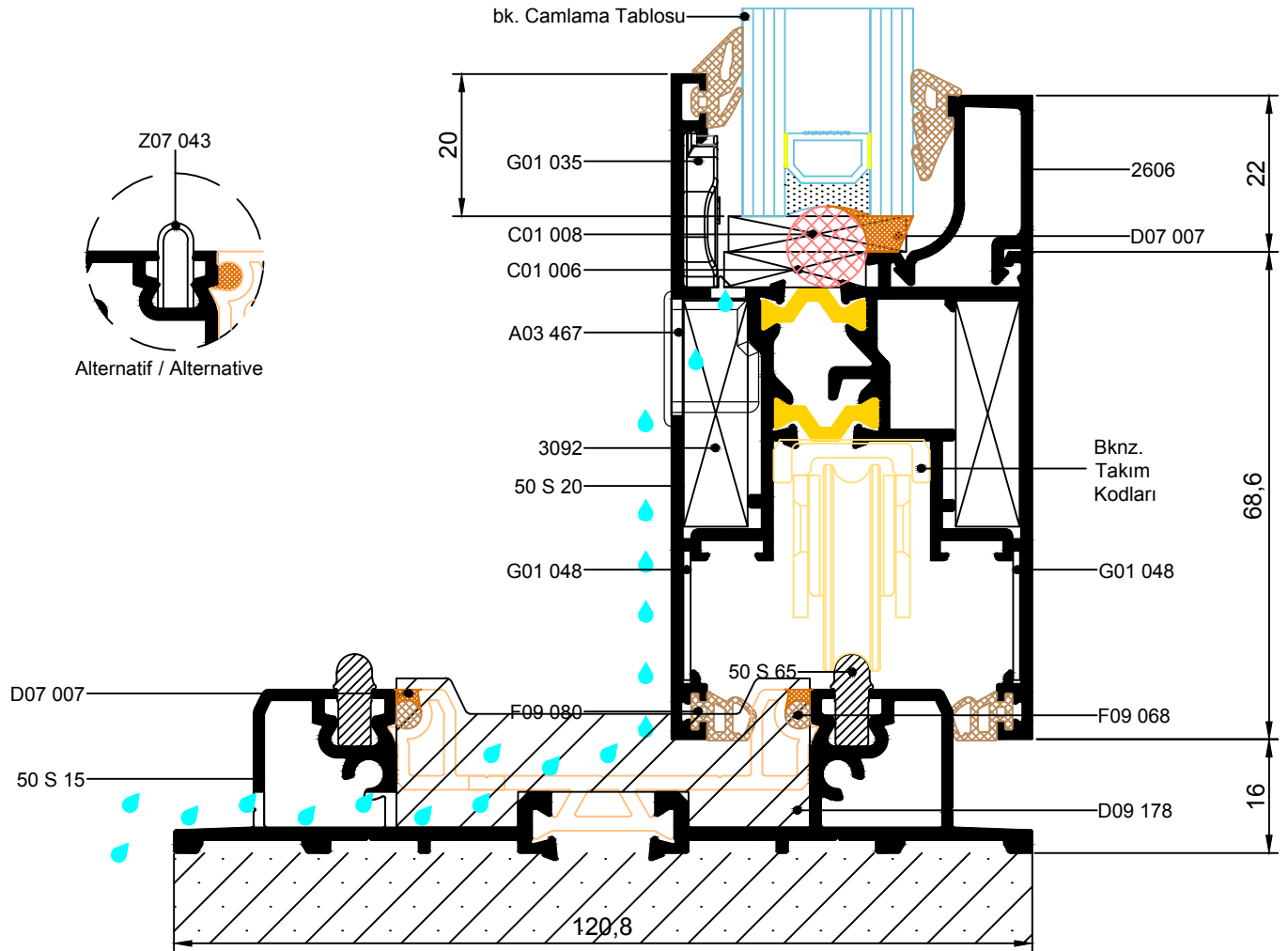
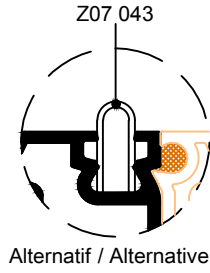
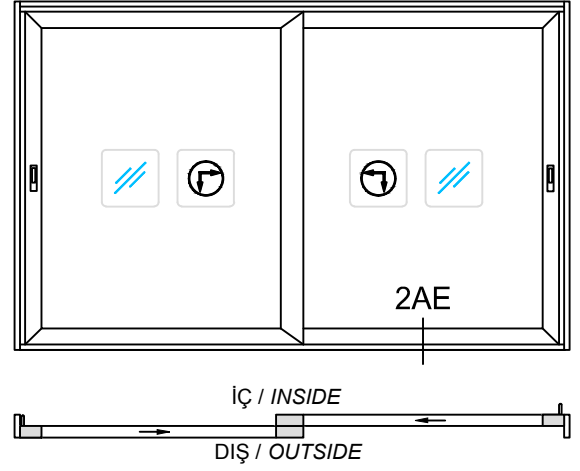
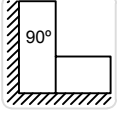
90 Birleşim Detayı / 90 Connection Detail 1AE

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INSIDE

Detay Çizimleri / Detail Drawings

Uygulama Tip D Alçak Eşik / Application Type D Threshold

90 Birleşim Detayı / 90 Connection Detail 2AE

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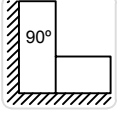
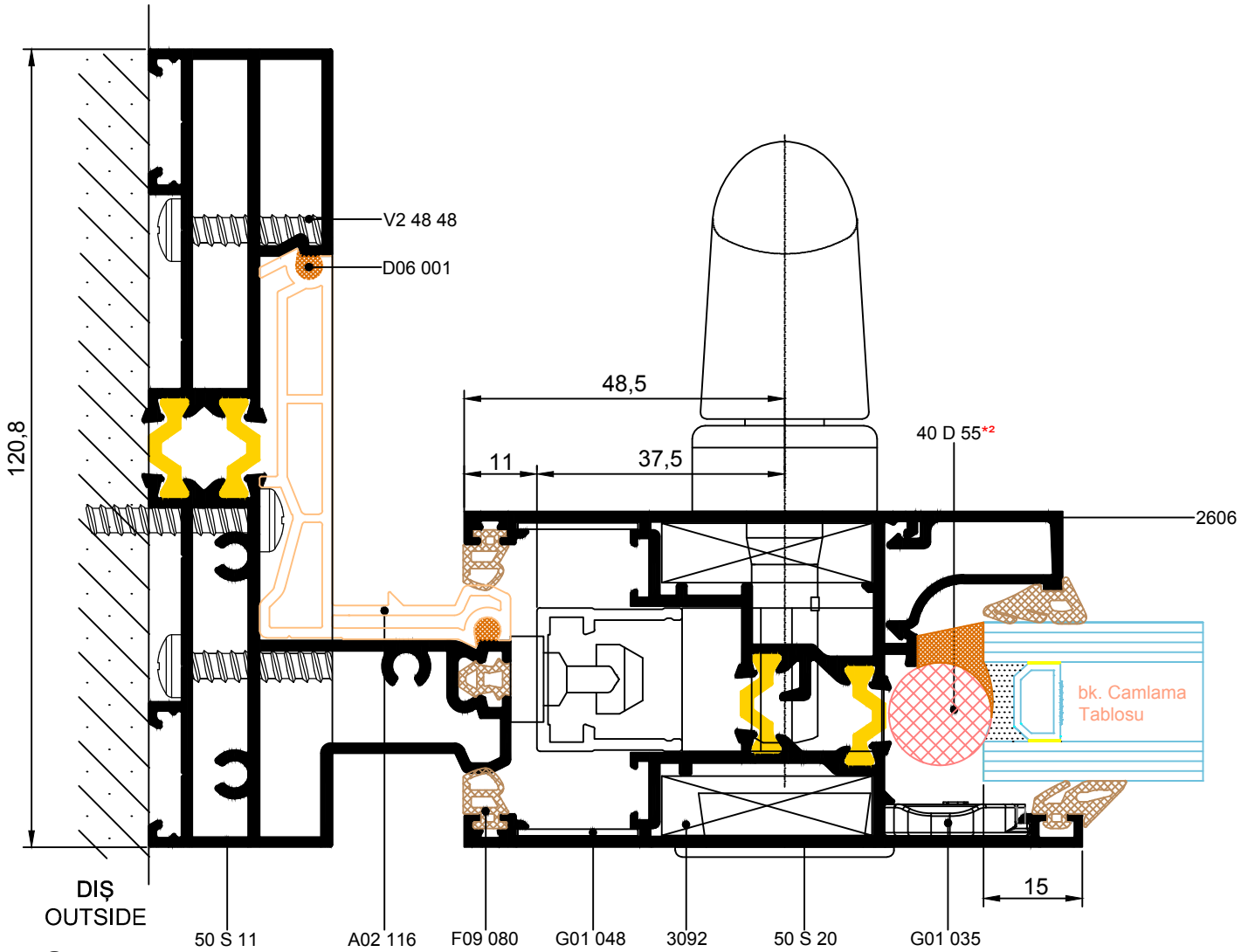
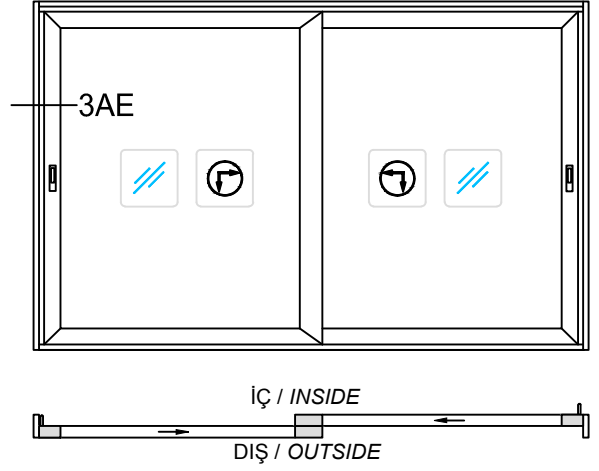
Ölçek Scale: 1/1

ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings

Uygulama Tip D Alçak Eşik / Application Type D Threshold

90 Birleşim Detayı / 90 Connection Detail 3AE

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Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

MAYIS / MAY 2020

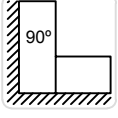
8/6-3

Ölçek Scale: 1/1

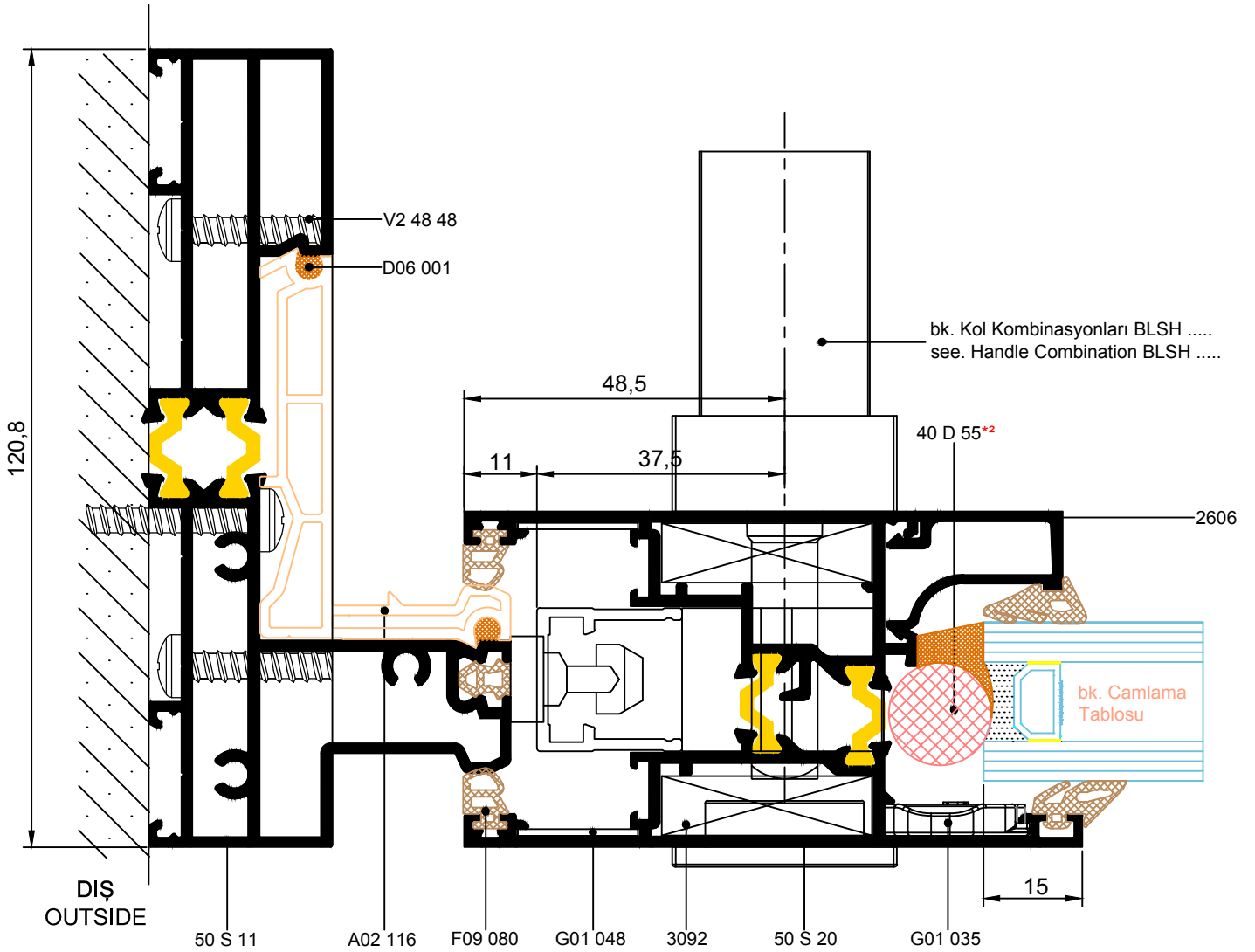
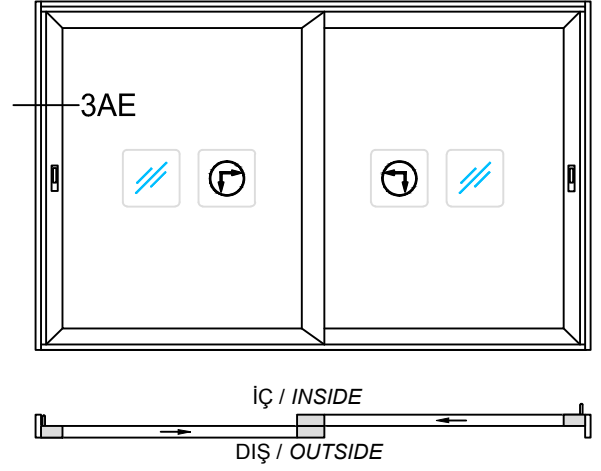
ÇUHADAROĞLU

SP.S50.00.08

Detay Çizimleri / Detail Drawings
Alternatif Kol Detayı / Alternative Handle Detail
90 Birleşim Detayı / 90 Connection Detail 3AE



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Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.
Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

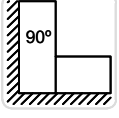
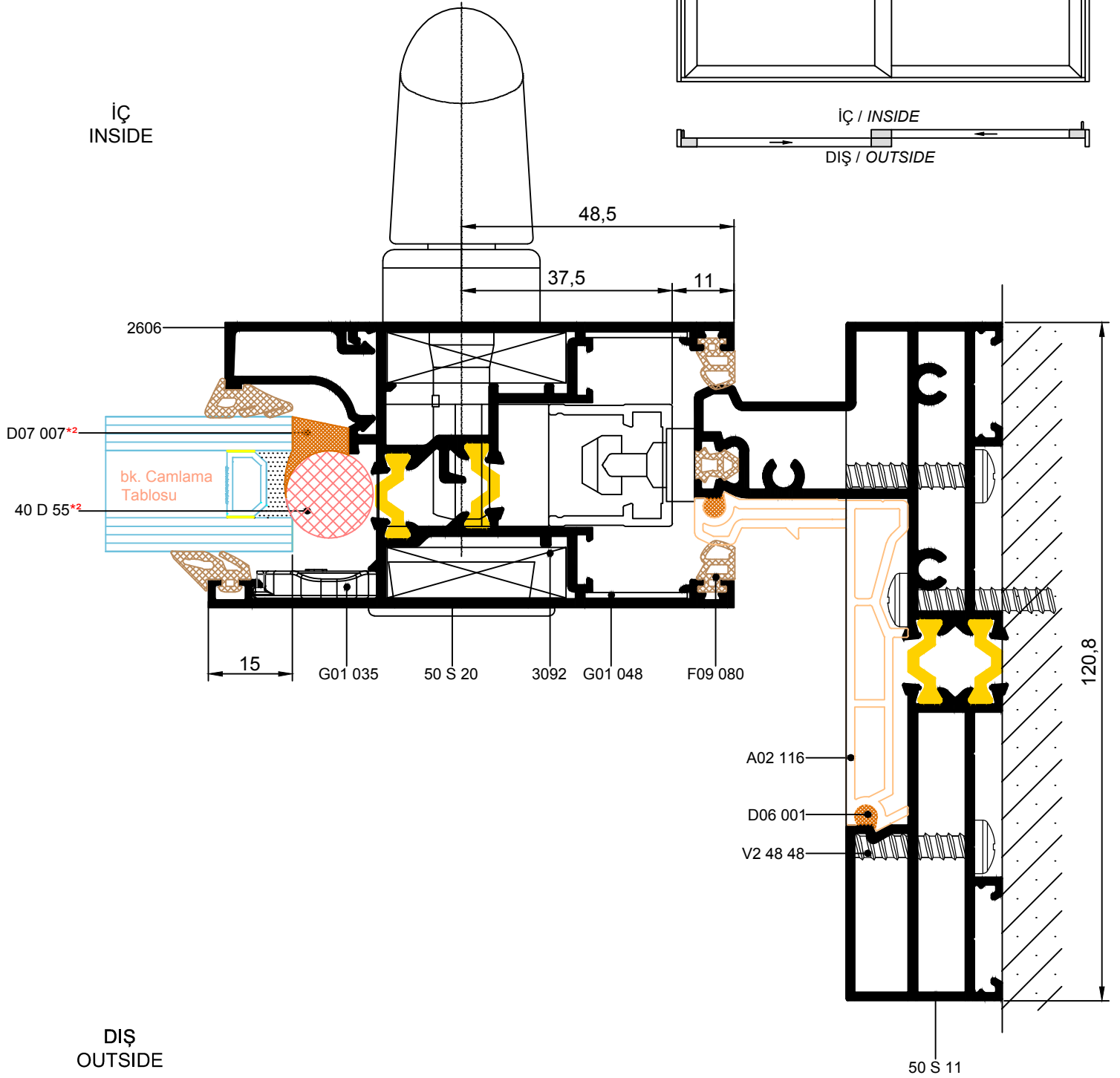
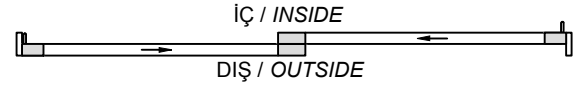
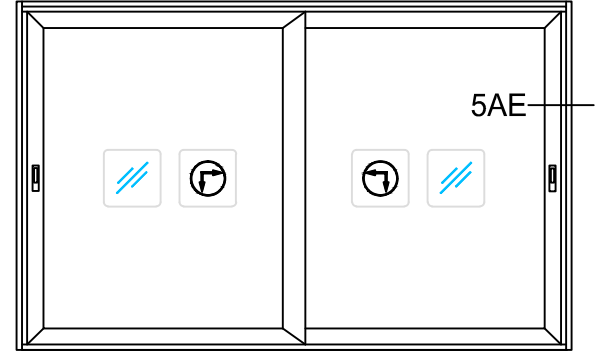
Ölçek Scale: 1/1

ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings

Uygulama Tip D Alçak Eşik / Application Type D Threshold

90 Birleşim Detayı / 90 Connection Detail 5AE

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Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

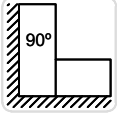
Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

Ölçek Scale: 1/1

ÇUHADAROĞLU

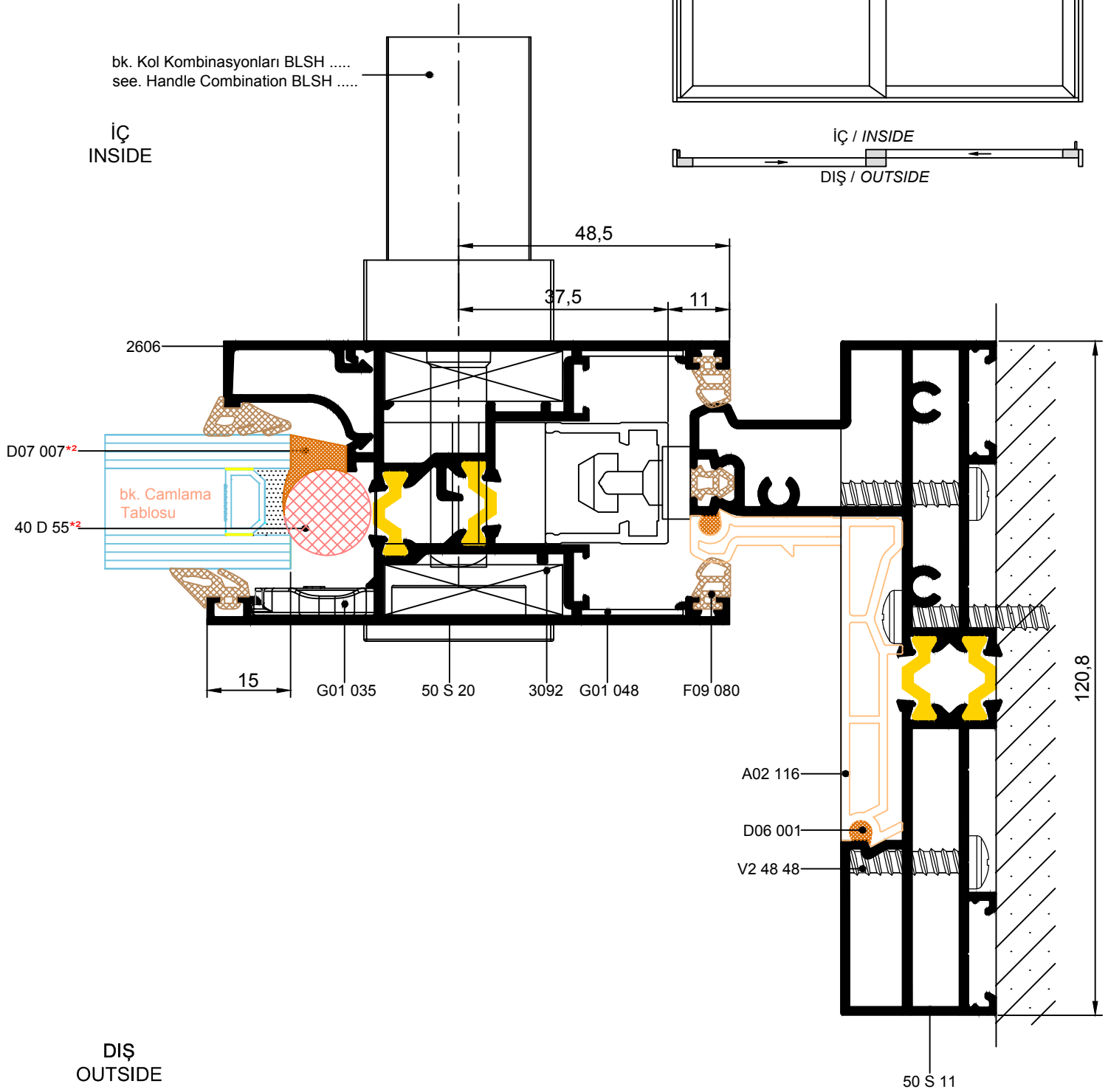
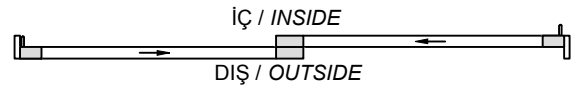
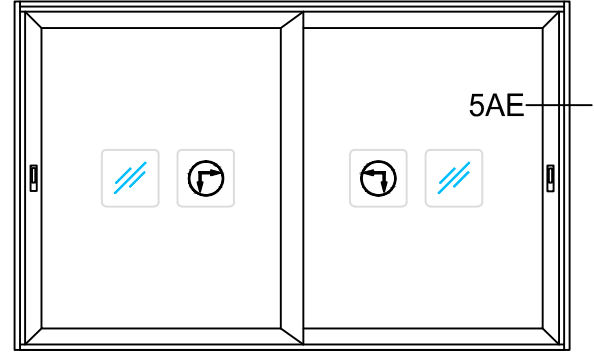
SP.S50.00.08

Detay Çizimleri / Detail Drawings
Alternatif Kol Detayı / Alternative Handle Detail
90 Birleşim Detayı / 90 Connection Detail 5AE



bk. Kol Kombinasyonları BLSH
see. Handle Combination BLSH

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OUTSIDE

Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.
Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

Ölçek Scale: 1/1

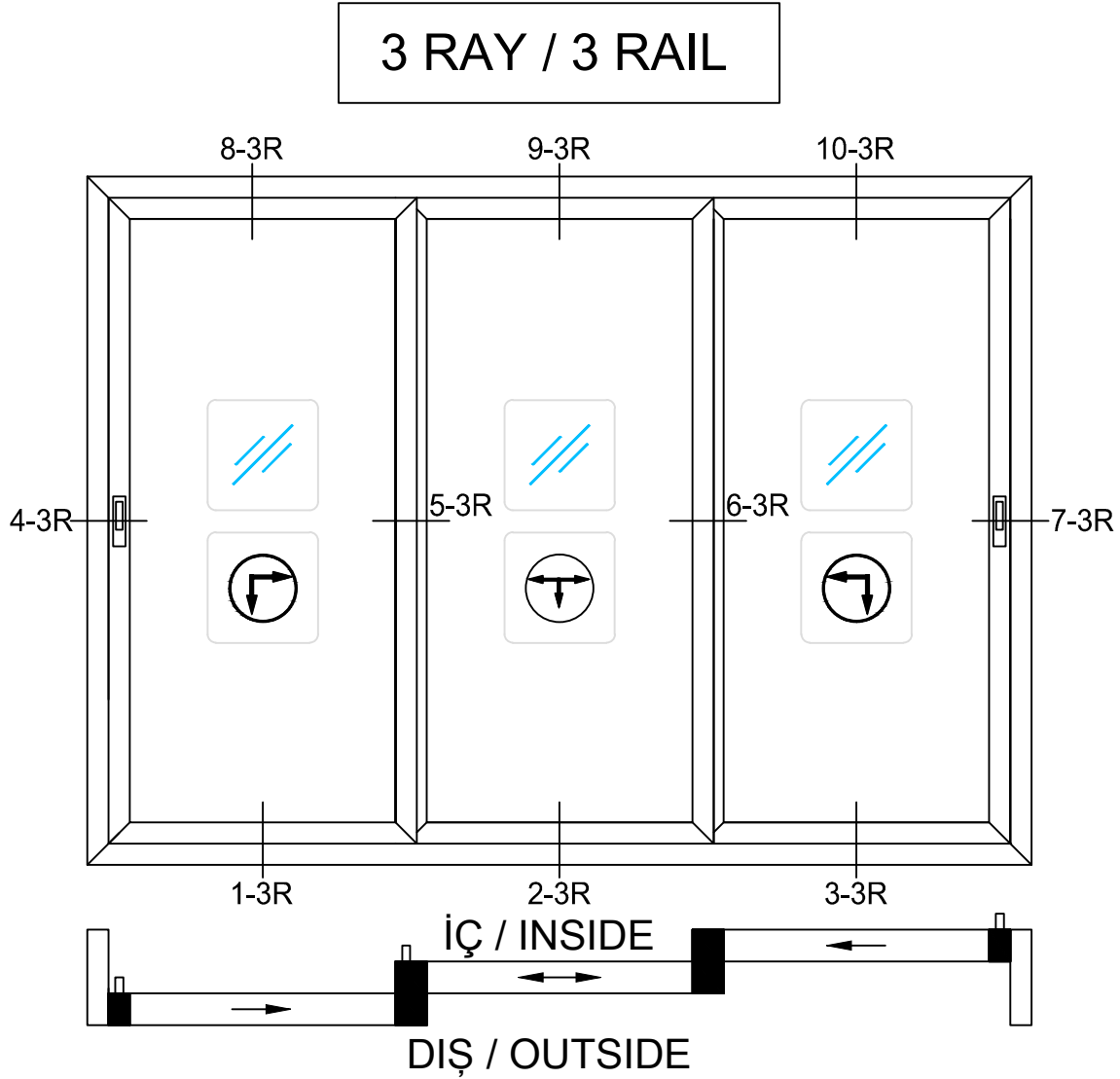
ÇUHADAROĞLU

**S 50**

Isı Yalıtımlı Kaldır-Sür Sistemi
Thermally Insulated Lift and Slide Systems

interal

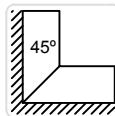
Açılım Seçenekleri / Opening Options



S50 3 Ray detayları yukarıdaki gibi numaralandırılmıştır.
S50 3 Rail details are numbered as above.

Detay 1-3R için bk. Sayfa 8/7-1
Detay 2-3R için bk. Sayfa 8/7-2
Detay 3-3R için bk. Sayfa 8/7-3
Detay 4-3R için bk. Sayfa 8/7-4
Detay 5-3R için bk. Sayfa 8/7-6
Detay 6-3R için bk. Sayfa 8/7-8
Detay 7-3R için bk. Sayfa 8/7-9
Detay 8-3R için bk. Sayfa 8/7-11
Detay 9-3R için bk. Sayfa 8/7-12
Detay 10-3R için bk. Sayfa 8/7-13

For details 1-3R see. Page 8/7-1
For details 2-3R see. Page 8/7-2
For details 3-3R see. Page 8/7-3
For details 4-3R see. Page 8/7-4
For details 5-3R see. Page 8/7-6
For details 6-3R see. Page 8/7-8
For details 7-3R see. Page 8/7-9
For details 8-3R see. Page 8/7-11
For details 9-3R see. Page 8/7-12
For details 10-3R see. Page 8/7-13

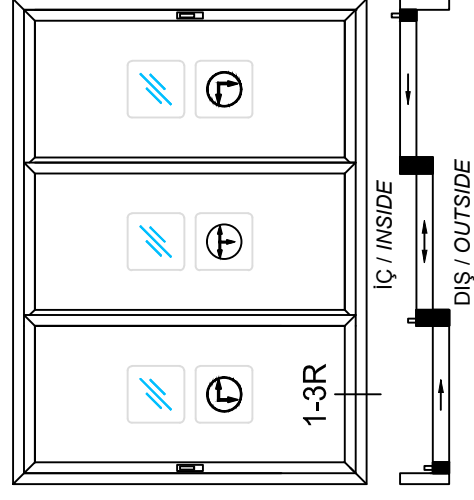
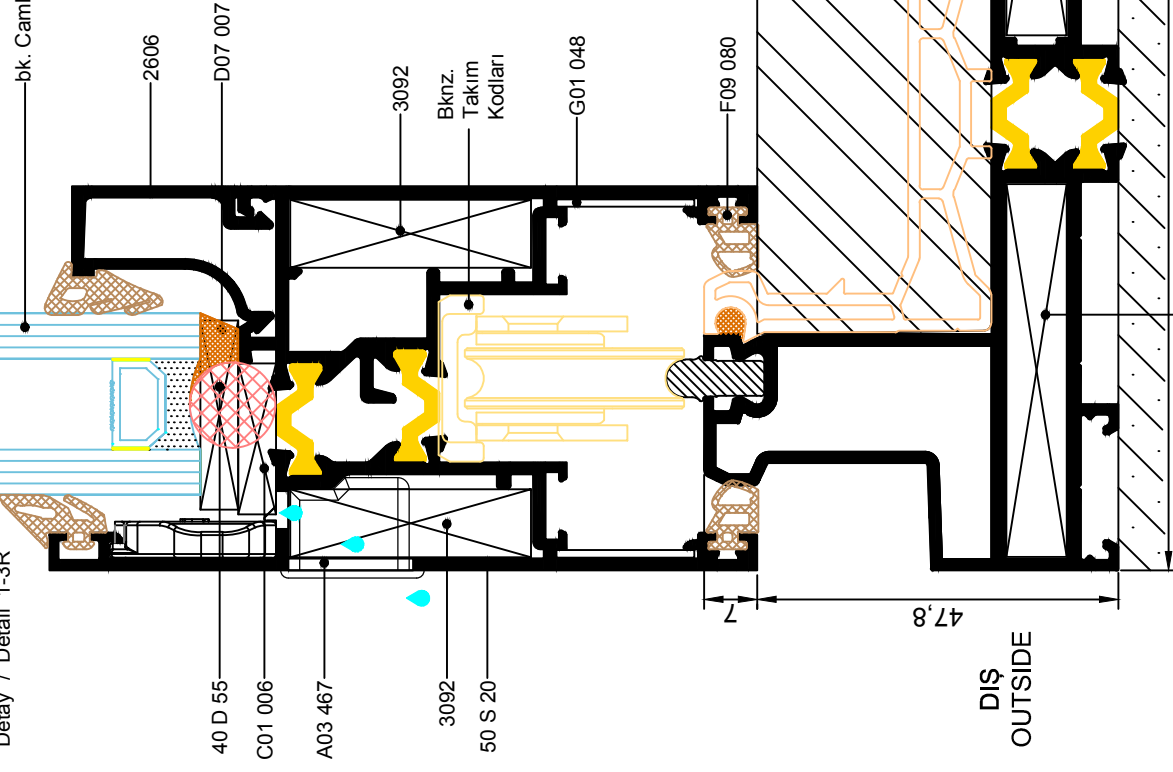


Detay Çizimleri / Detail Drawings

Uygulama Tipi 3 Ray / Application Type 3 Rail

Detail / Detail 1-3R

—bk. Camlama Tablosu



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3095 Ölçek Scale: 1/1

ÇUHADAROĞLU

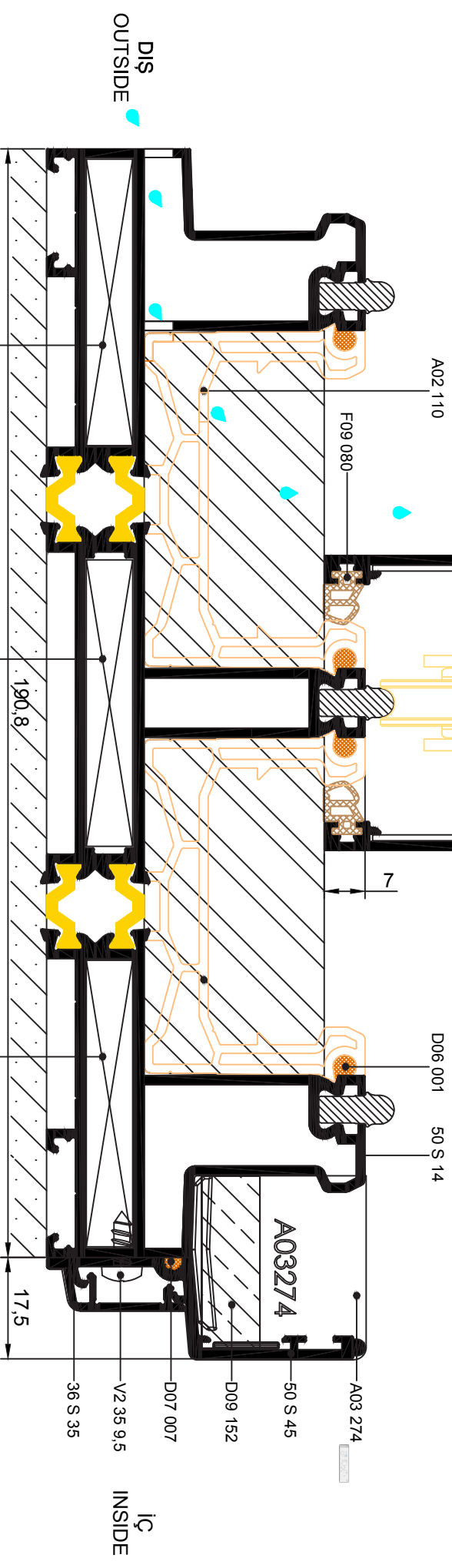
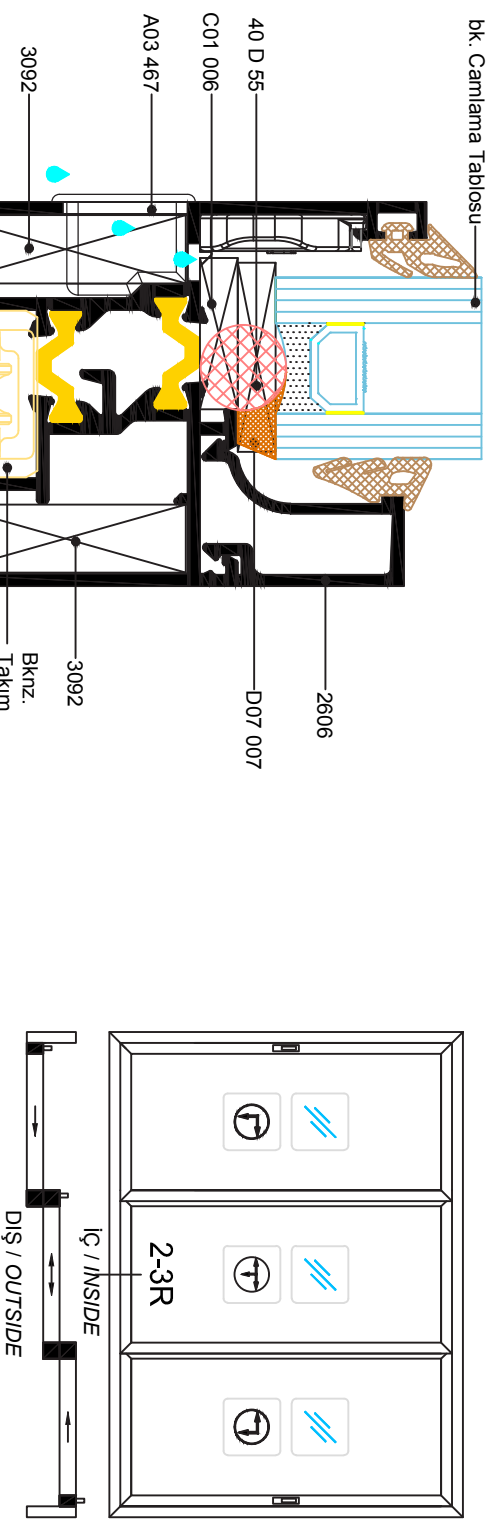
SP. \$50.00.08

50S

Isı Yalıtımlı Kaldır-Sür Sistemi- Thermally Insulated Lift and Slide Systems

inter

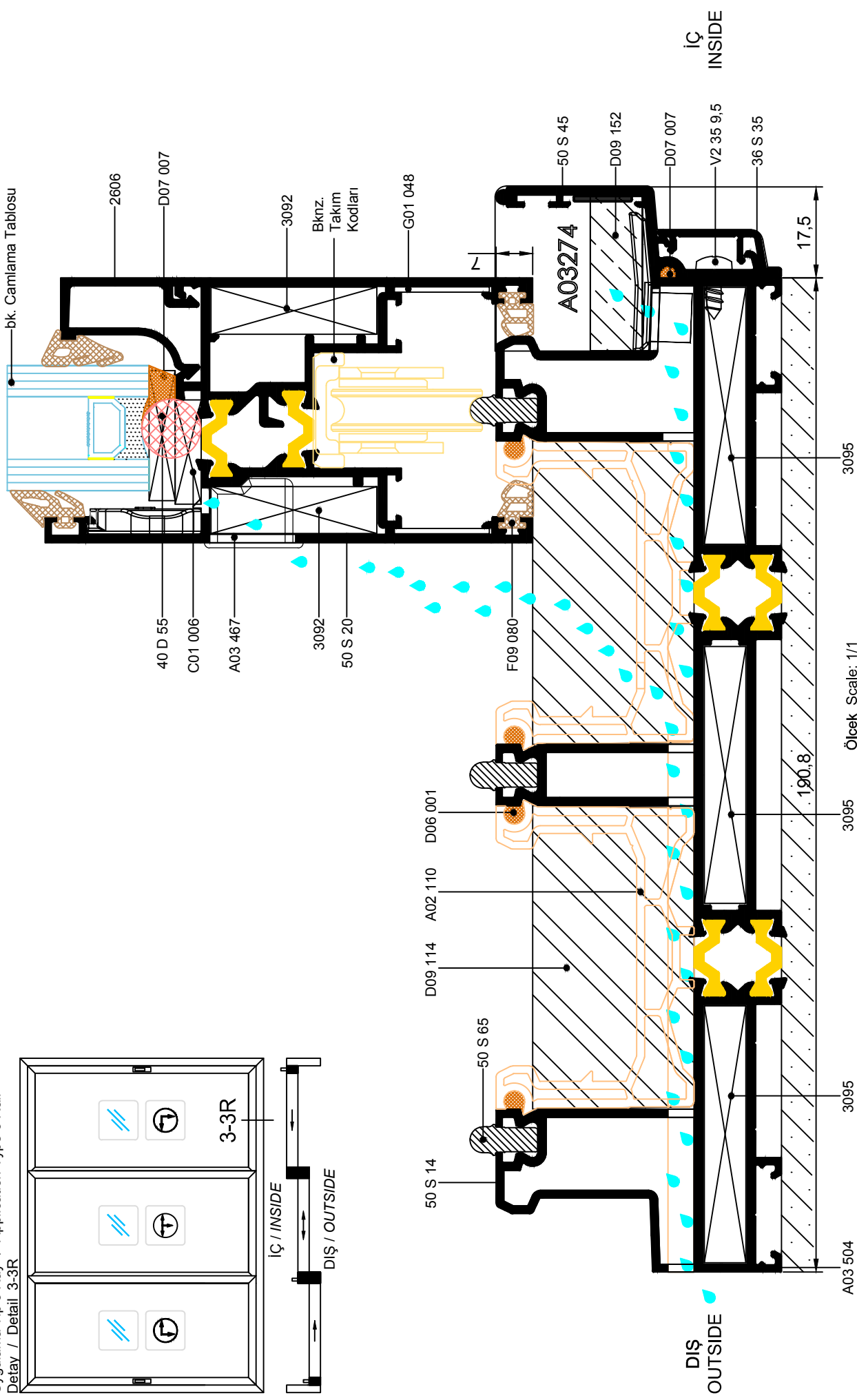
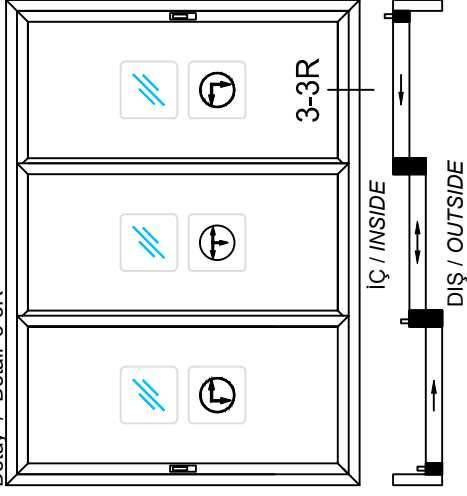
Detay Çizimleri / Detail Drawings
Uygulama Tip 3 Ray / Application Type 3 Rail
Detay / Detail 2-3R



SP.550.00.08

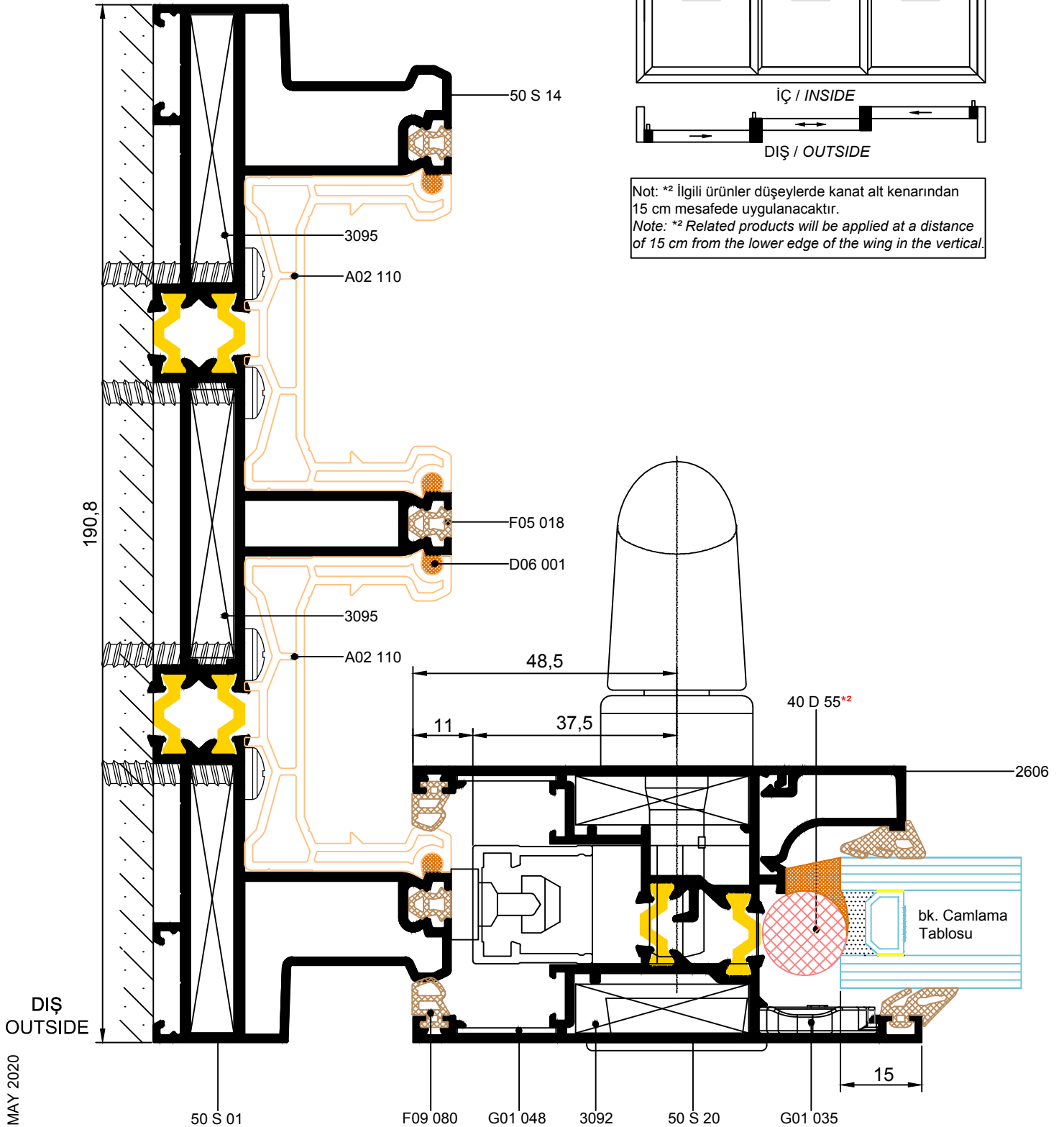
95 Ölçek Scale: 1/1

Detay Çizimleri / Detail Drawings
Uygulama Tip 3 Ray / Application Type 3 Rail
Detay / Detail 3-3R



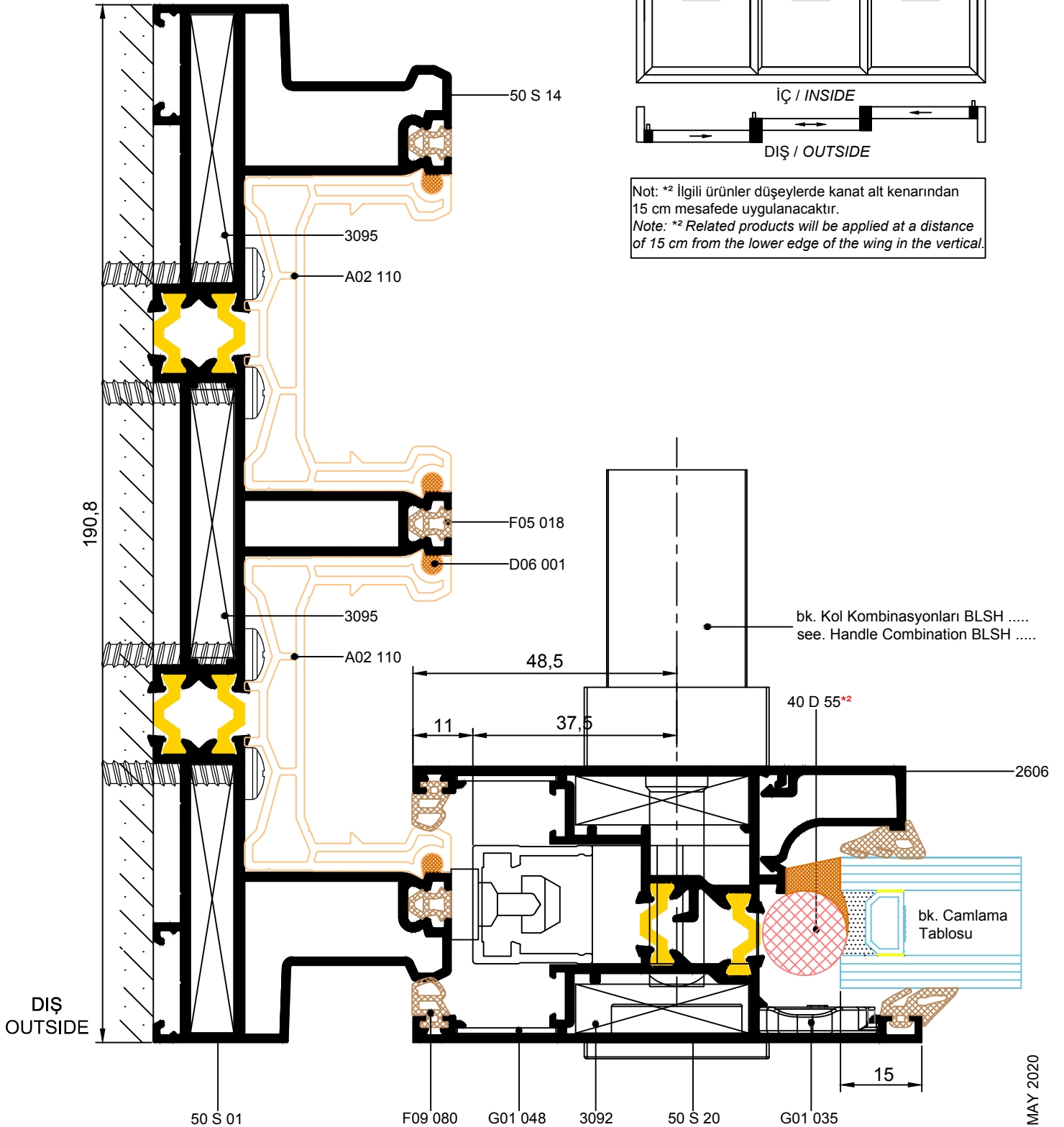
Detay Çizimleri / Detail Drawings
Uygulama Tip 3 Ray / Application Type 3 Rail
Detay / Detail 4-3R

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Detay Çizimleri / Detail Drawings
Alternatif Kol Detayı / Alternative Handle Detail
Detay / Detail 4-3R

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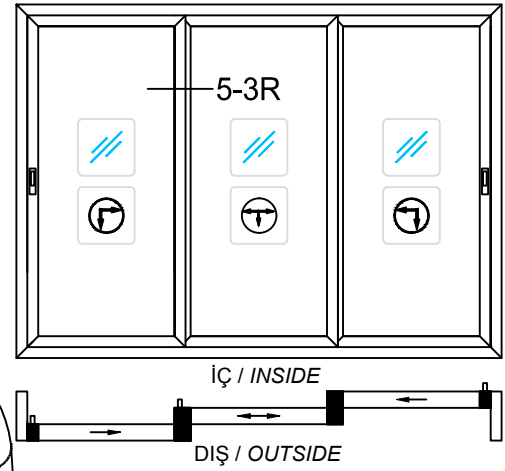


Ölçek Scale: 1/1

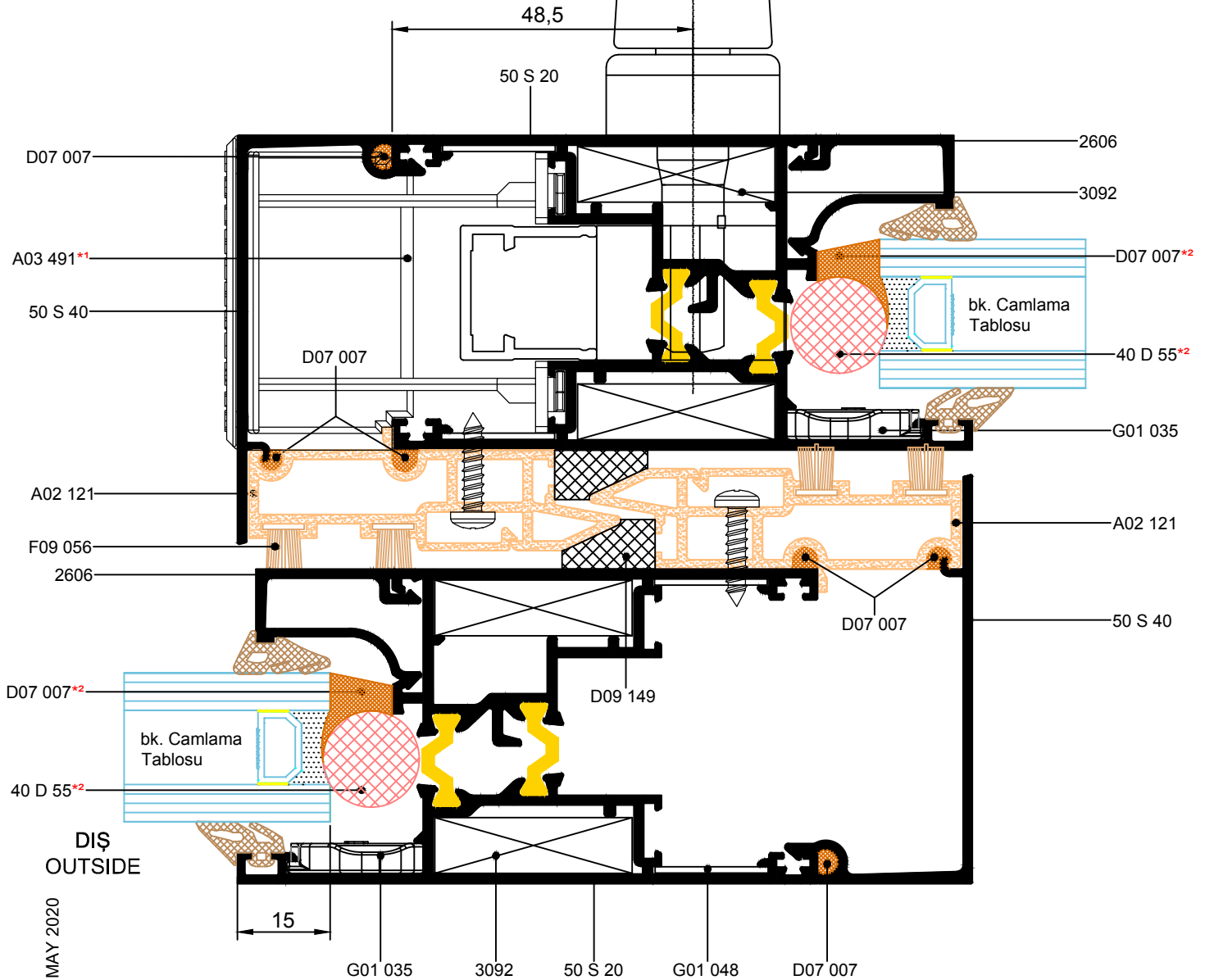
ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings
Uygulama Tip 3 Ray / Application Type 3 Rail
Detay / Detail 5-3R

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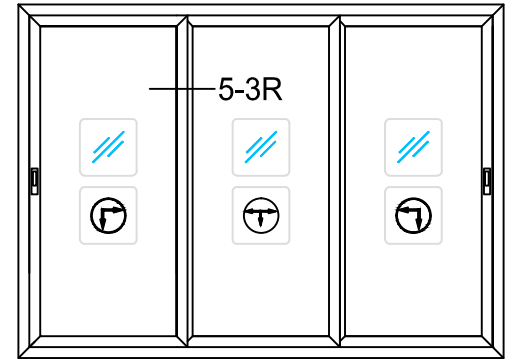


Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.
Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.



Detay Çizimleri / Detail Drawings
Alternatif Kol Detayı / Alternative Handle Detail
Detay / Detail 5-3R

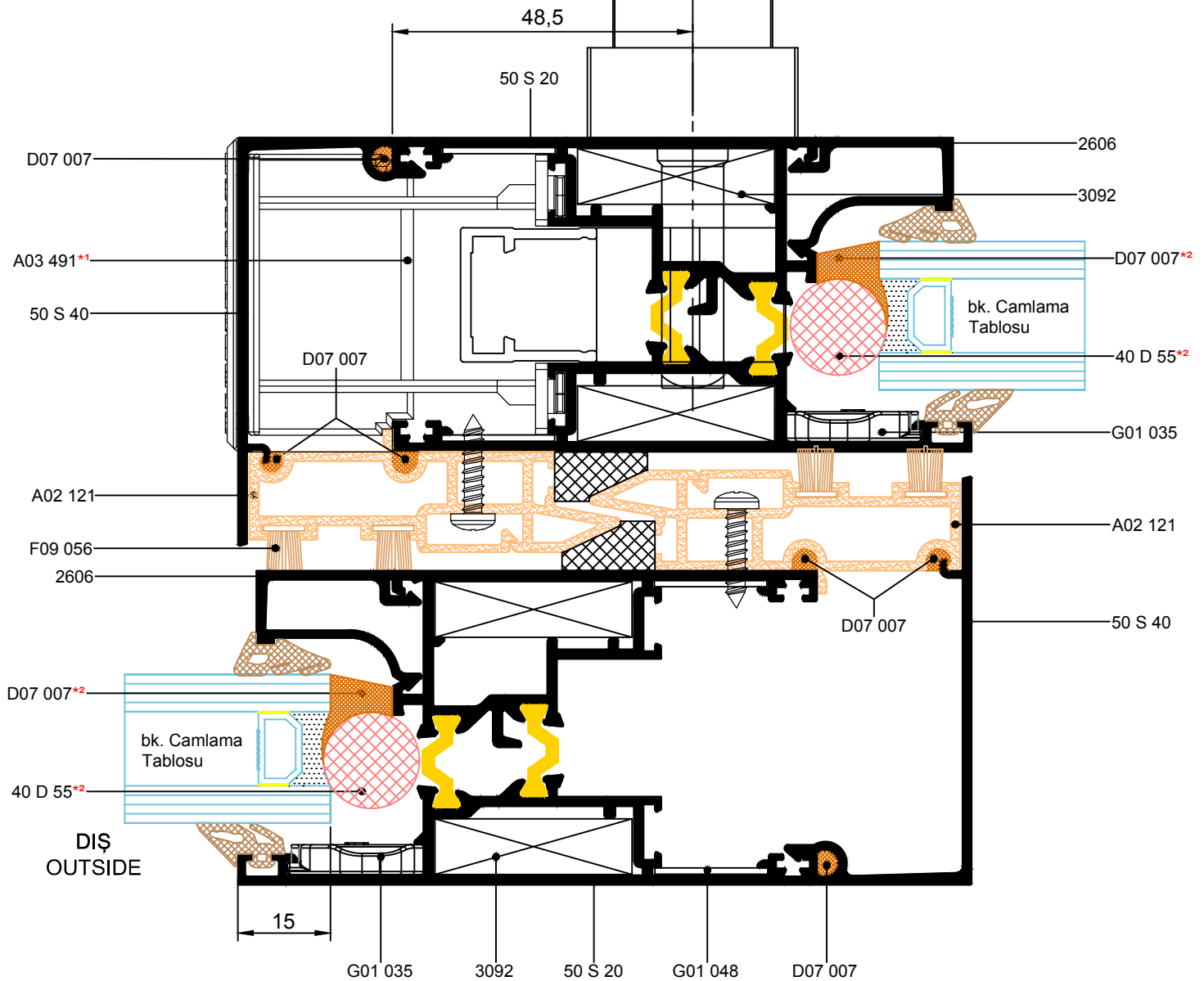
İÇ
INSIDE



İÇ / INSIDE
DİŞ / OUTSIDE

bk. Kol Kombinasyonları BLSH
see. Handle Combination BLSH

Not: *2 İlgili ürünler düşeylerde kanat alt kenarından
15 cm mesafede uygulanacaktır.
Note: *2 Related products will be applied at a distance
of 15 cm from the lower edge of the wing in the vertical.

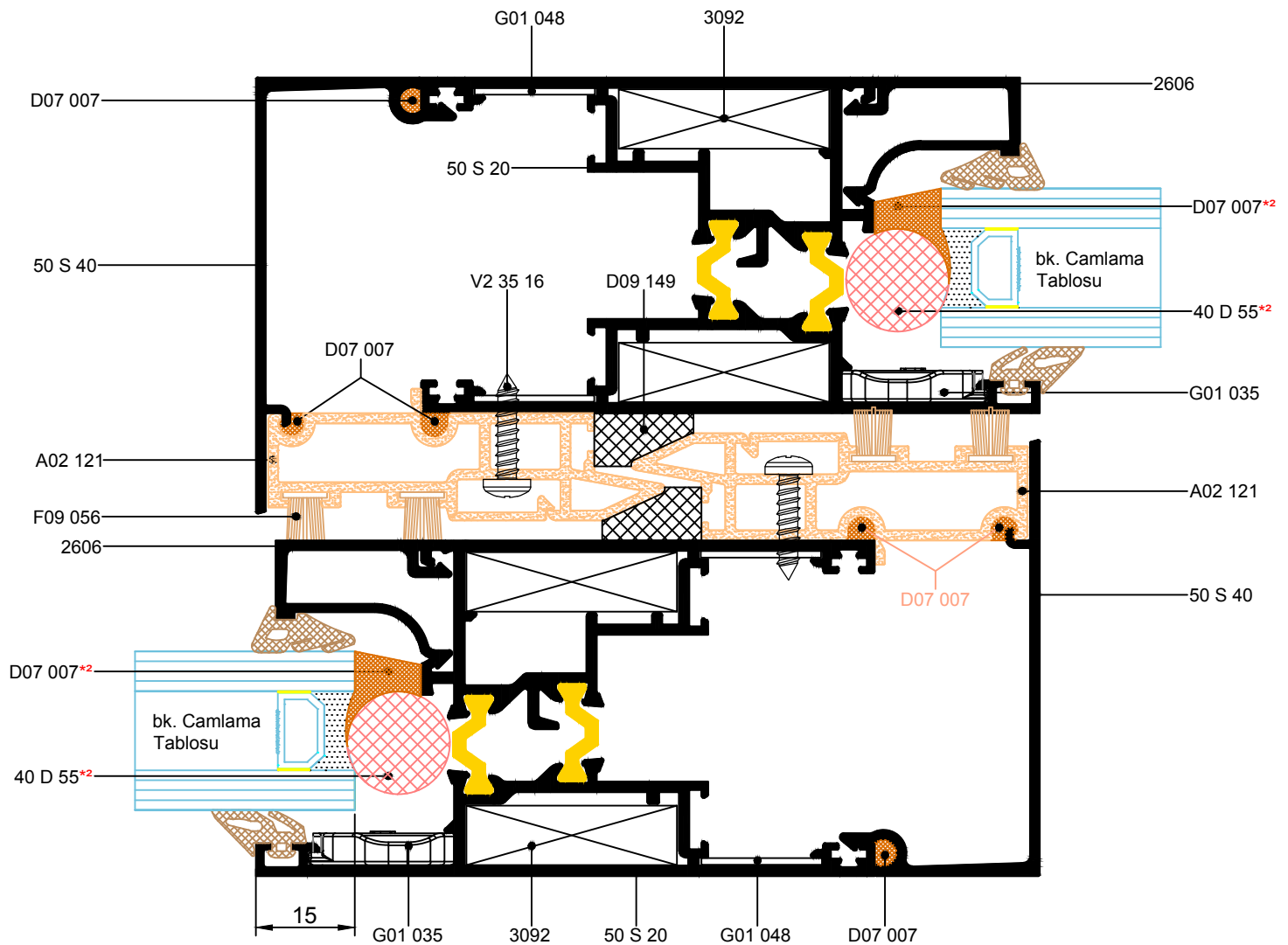


Ölçek Scale: 1/1

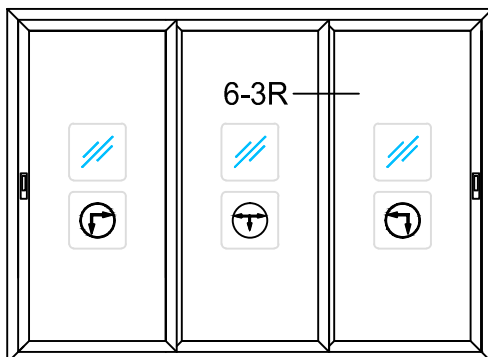
ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings
Uygulama Tip 3 Ray / Application Type 3 Rail
Detay / Detail 6-3R

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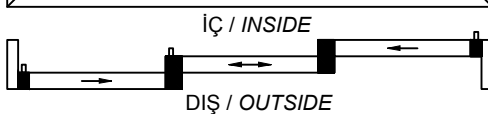
DETAY (6-3R) *DETAIL*



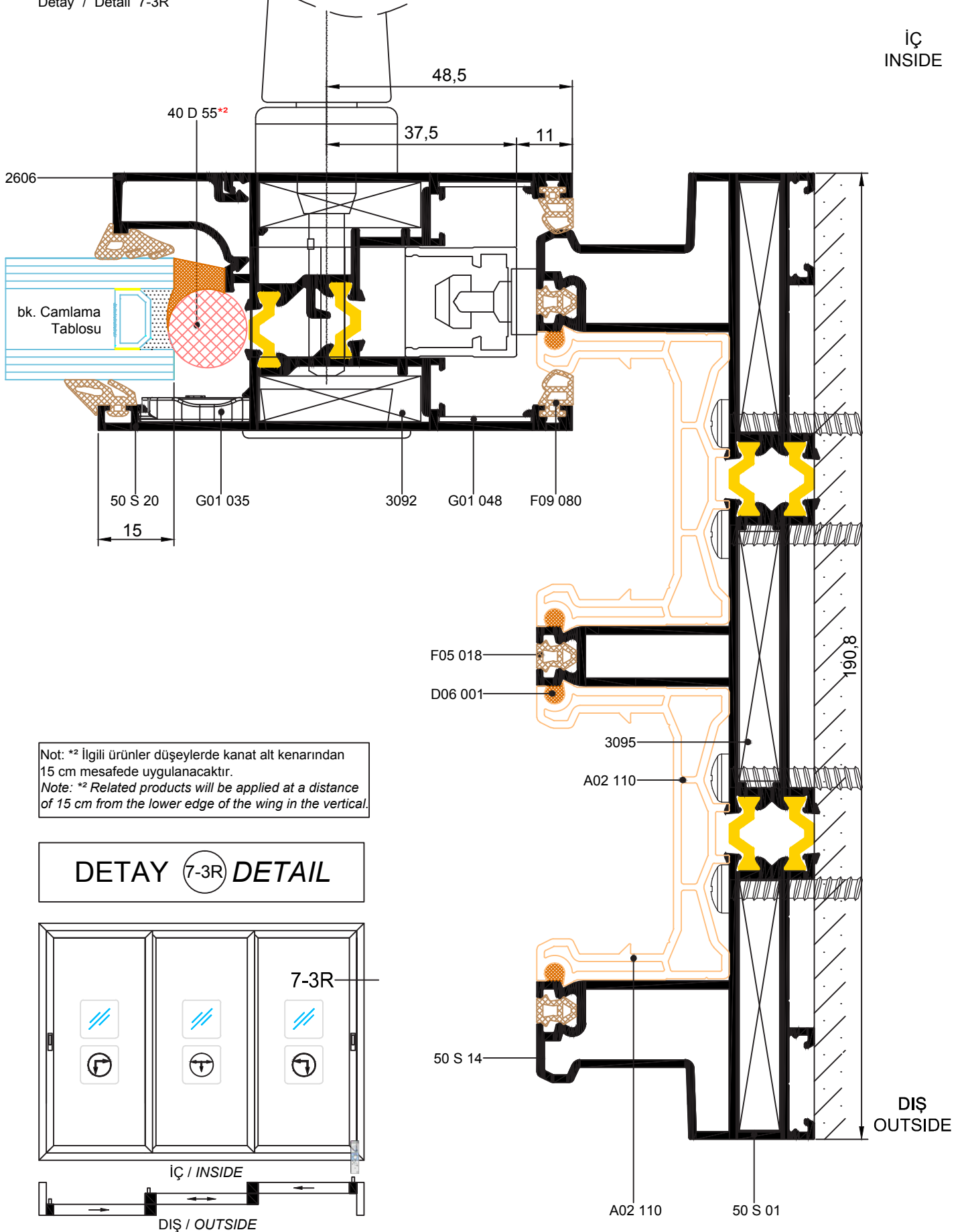
Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.
 Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

DIŞ
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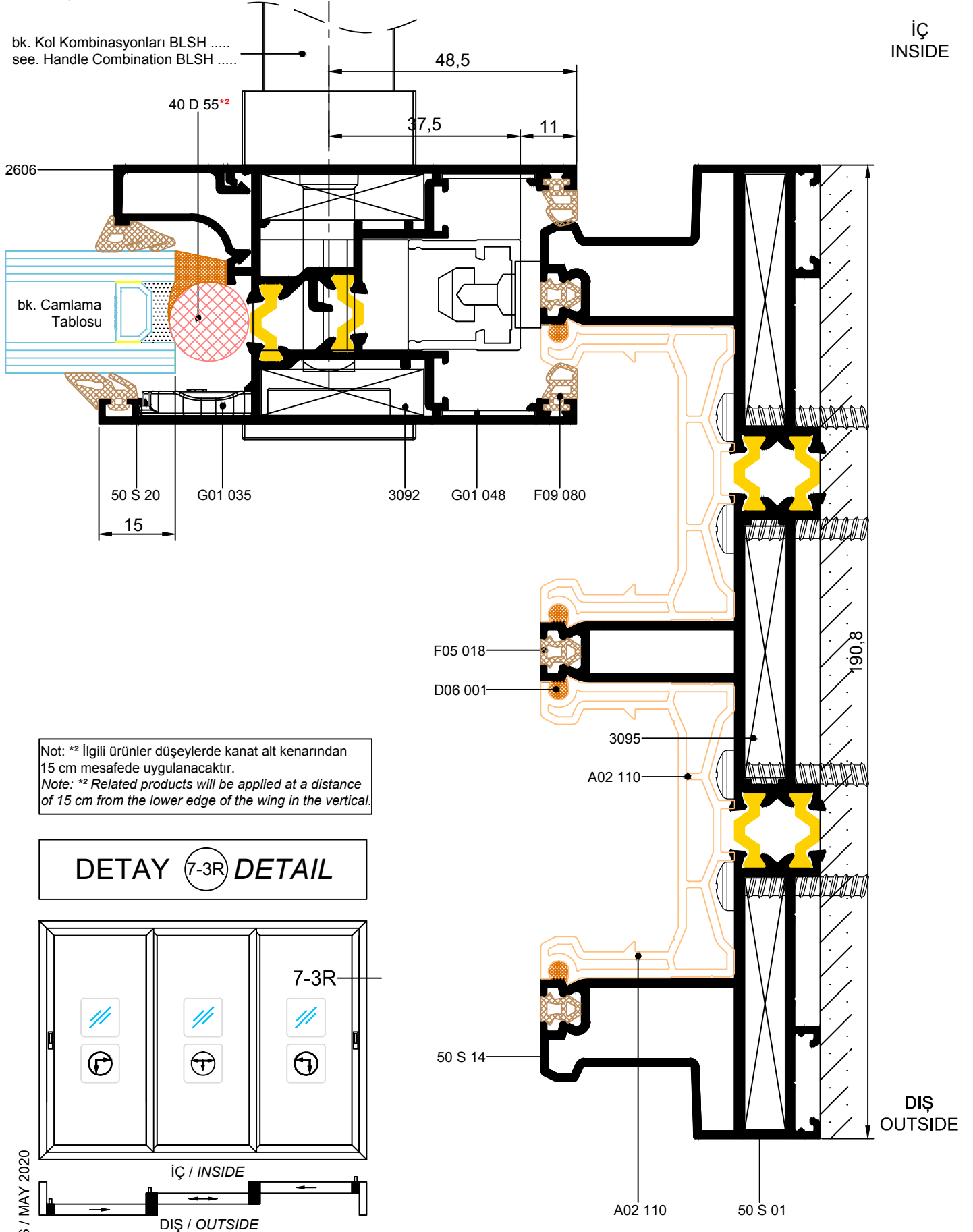
MAYIS / MAY 2020



Detay Çizimleri / Detail Drawings
Uygulama Tip 3 Ray / Application Type 3 Rail
Detay / Detail 7-3R



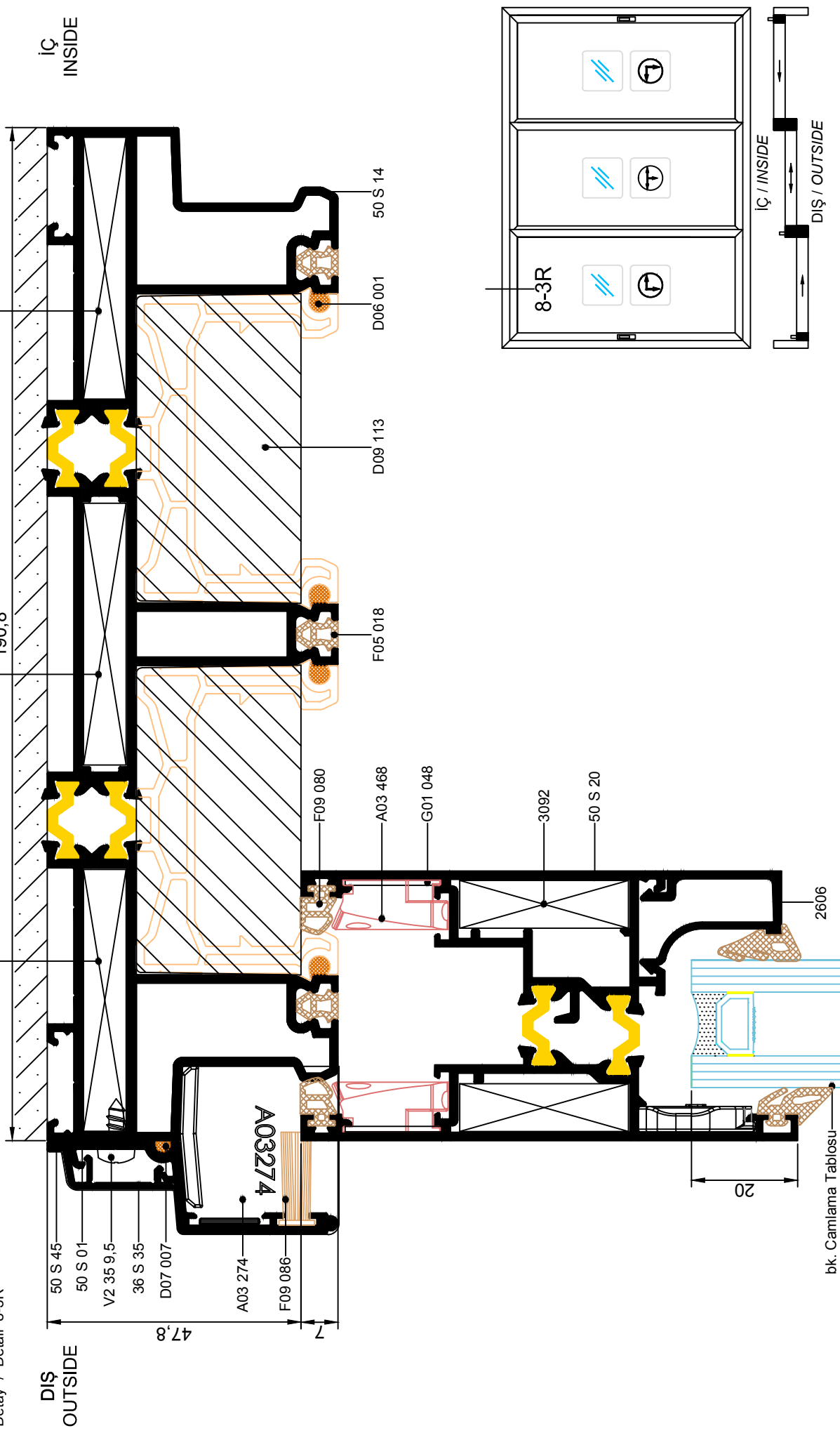
Detay Çizimleri / Detail Drawings
Uygulama Tip 3 Ray / Application Type 3 Rail
Detay / Detail 7-3R



Detay Çizimleri / Detail Drawings

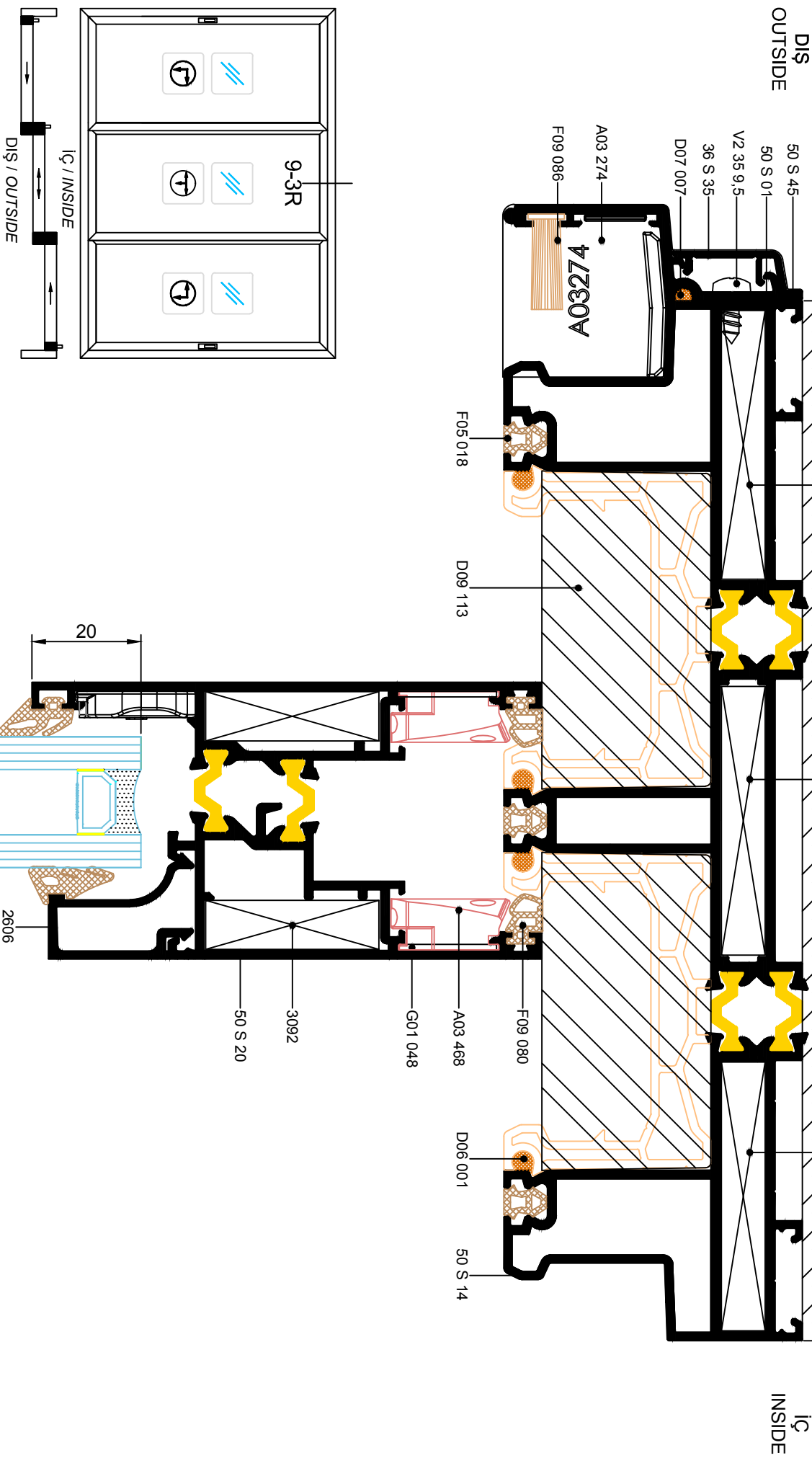
Uygulama Tip 3 Ray / Application Type 3 Rail

Detay / Detail 8-3R

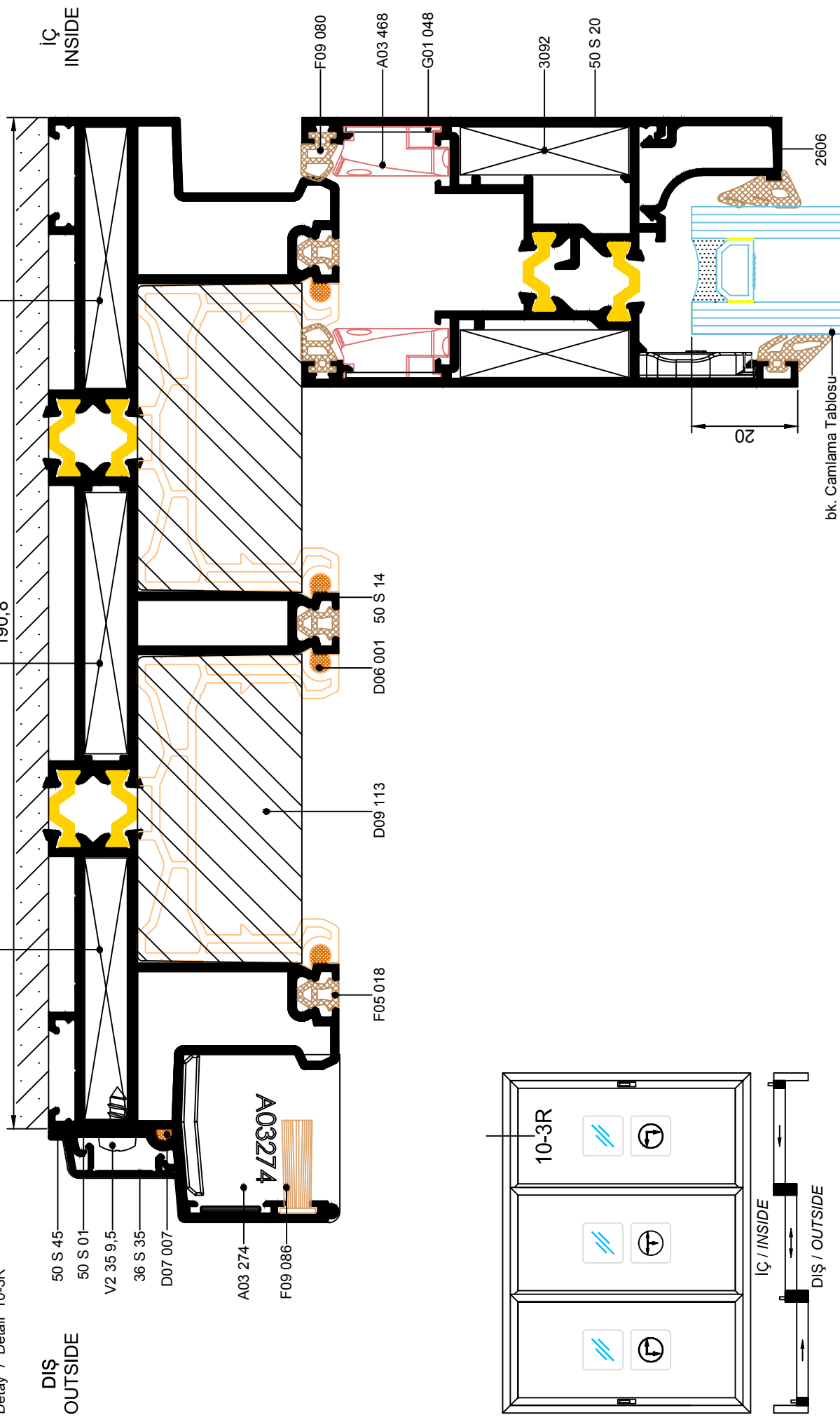


Ölçek Scale: 1/1

Detay Çizimleri / Detail Drawings
Uygulama Tip 3 Ray / Application Type 3 Rail
Detay / Detail 9-3R



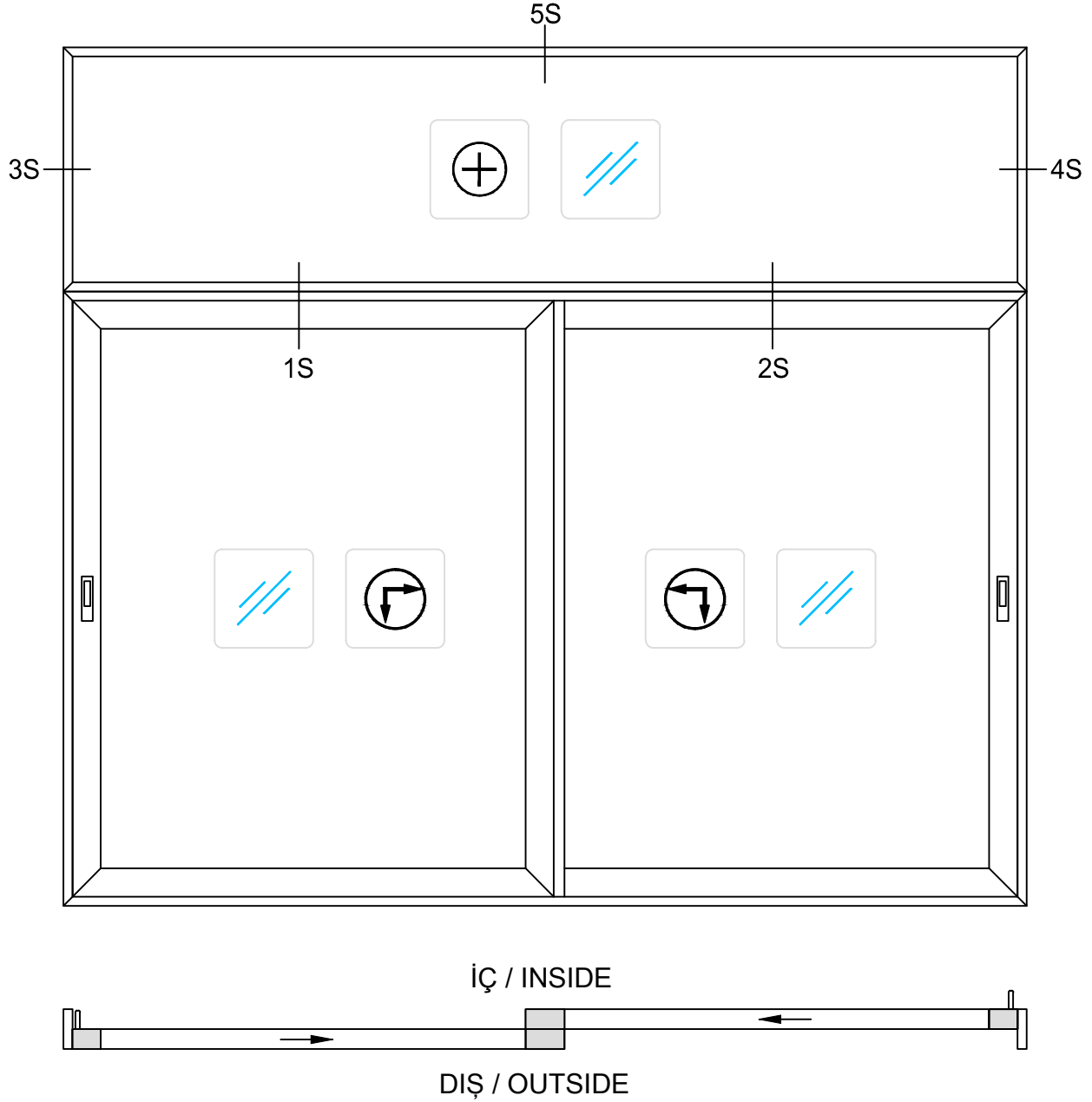
Detay Çizimleri / Detail Drawings
Uygulama Tip 3 Ray / Application Type 3 Rail
Detay / Detail 10-3R



Ölçek Scale: 1/1

SP.S50.00.08

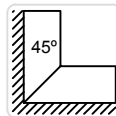
TİP D ÜST SABİT / TYPE D TOP FIXED



S50 Tip D üst sabit çift hareketli detayları yukarıdaki gibi numaralandırılmıştır.
S50 Type D top fixed two openable details are numbered as above.

Detay 1S için bk. Sayfa 8/8-1
Detay 2S için bk. Sayfa 8/8-2
Detay 3S için bk. Sayfa 8/8-3
Detay 4S için bk. Sayfa 8/8-4
Detay 5S için bk. Sayfa 8/8-5

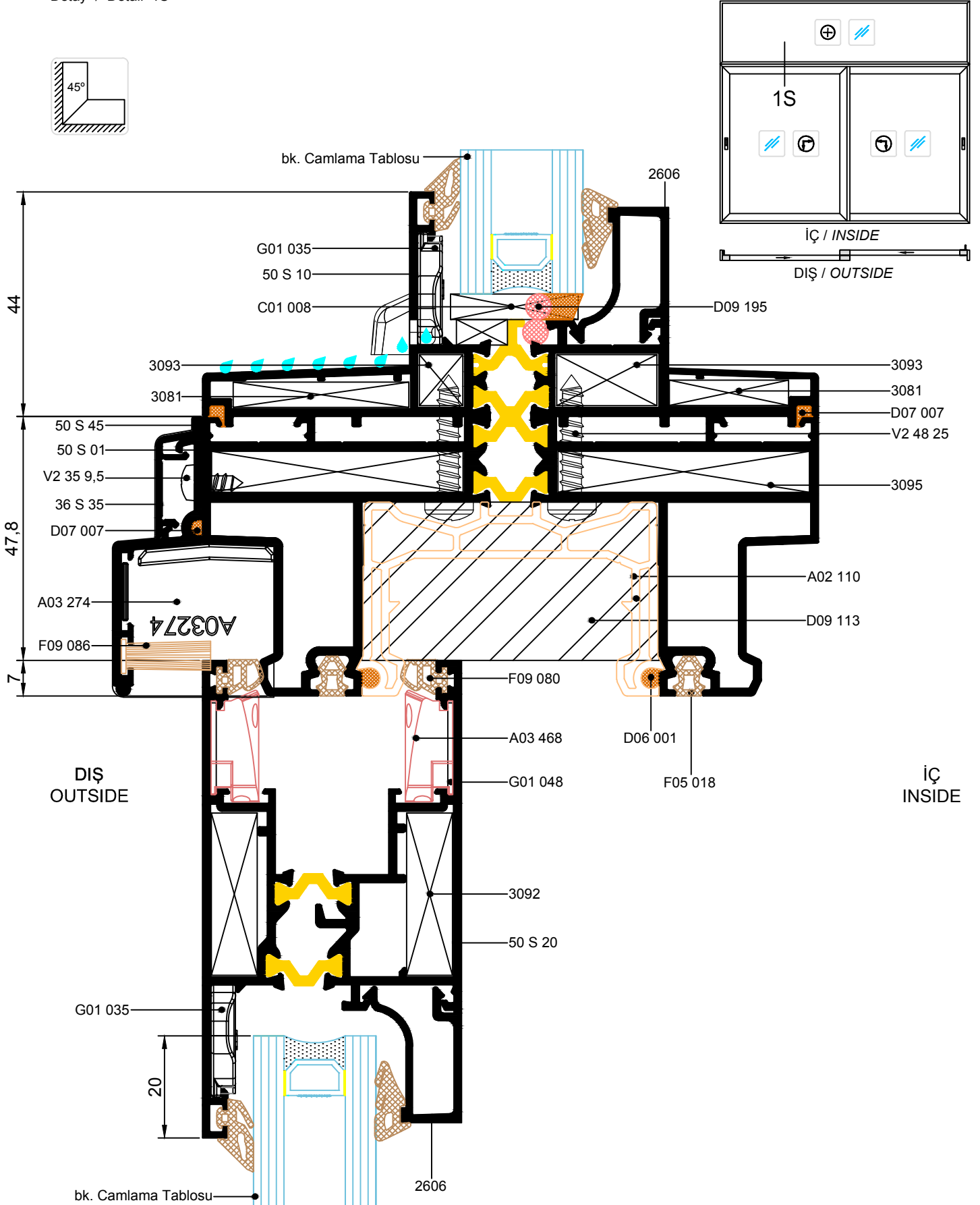
For detail 1S see. Page 8/8-1
For detail 2S see. Page 8/8-2
For detail 3S see. Page 8/8-3
For detail 4S see. Page 8/8-4
For detail 5S see. Page 8/8-5



Detay Çizimleri / Detail Drawings

Uygulama Tip D Üst Sabit / Application Type D Top Fixed

Detay / Detail 1S



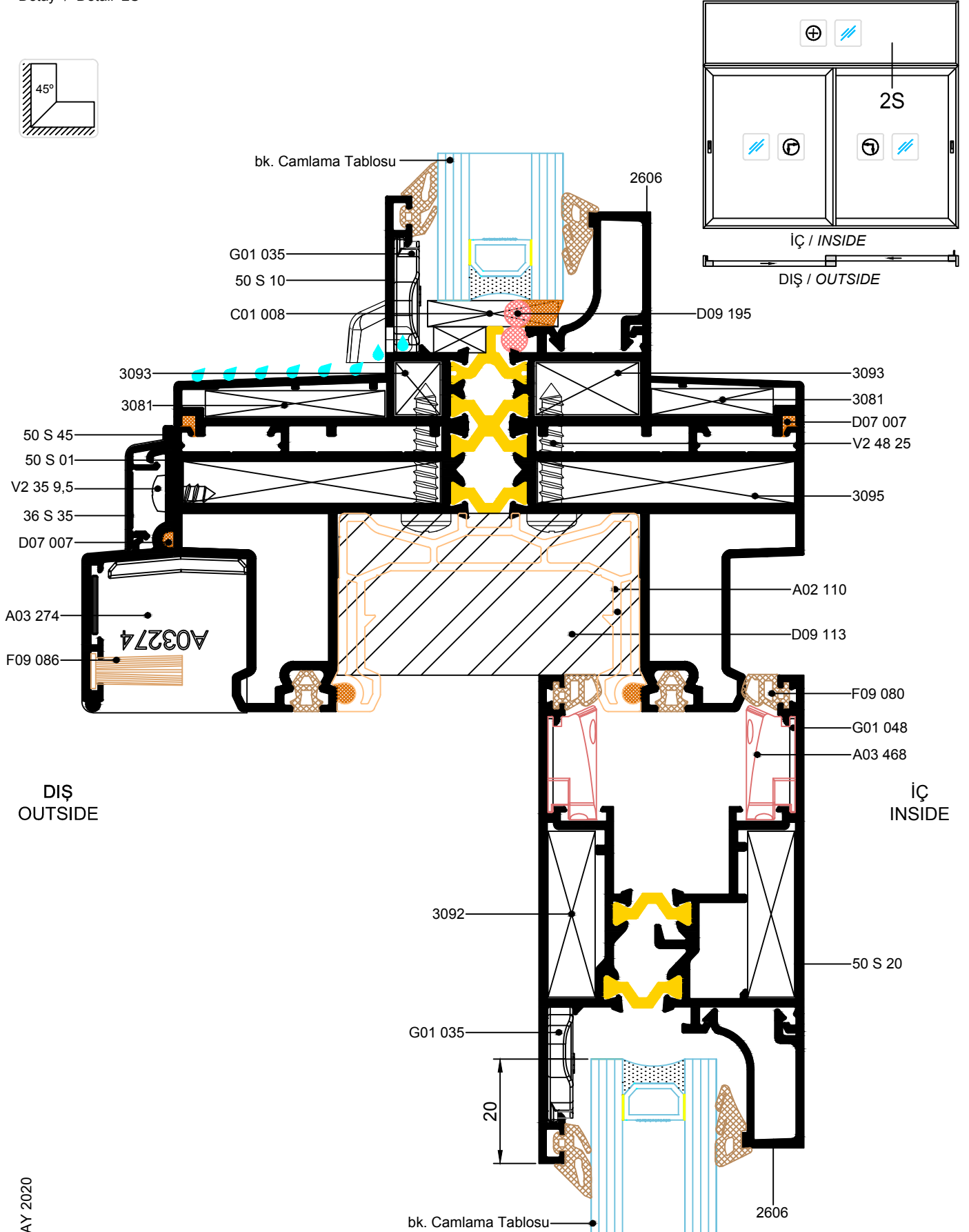
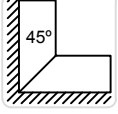
Ölçek Scale: 1/1

ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings

Uygulama Tip D Üst Sabit / Application Type D Top Fixed

Detay / Detail 2S

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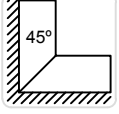
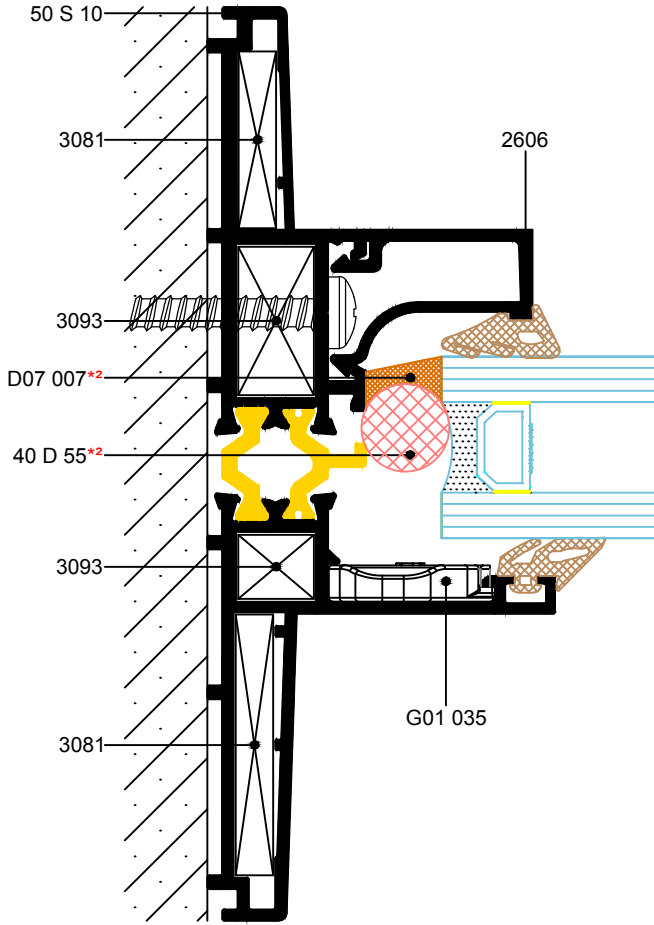
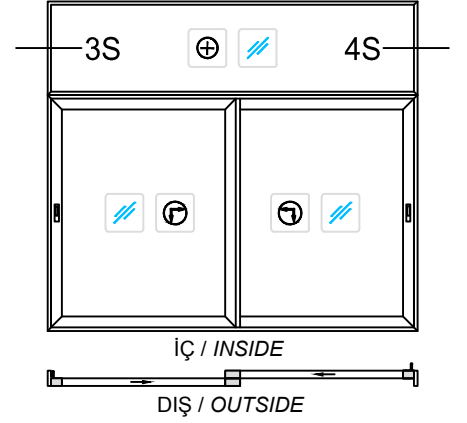
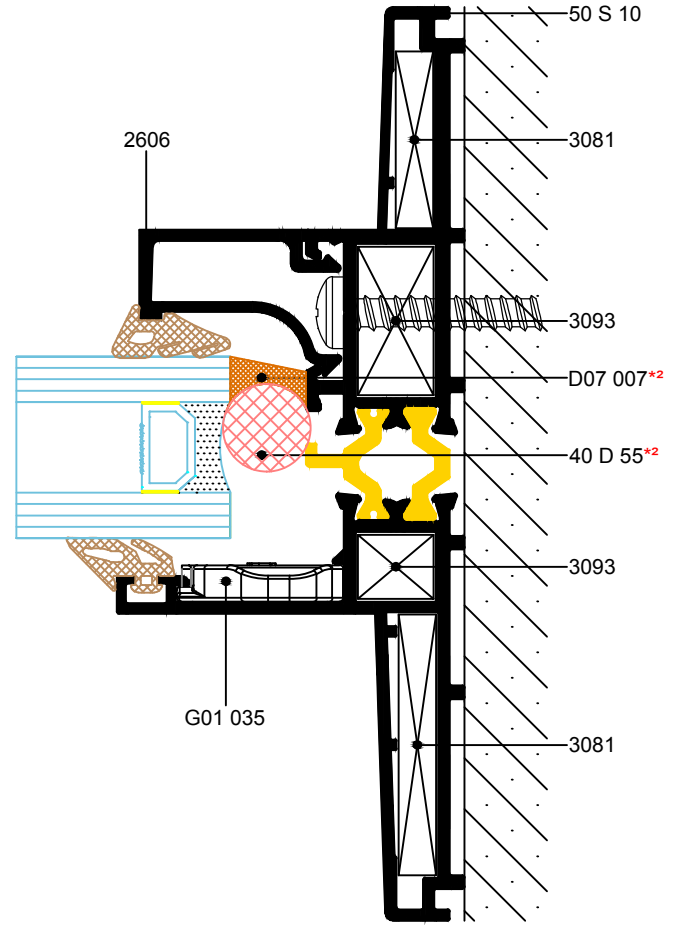
Ölçek Scale: 1/1

ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings

Uygulama Tip D Üst Sabit / Application Type D Top Fixed

Detay / Detail 3S - 4S

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Not: *2 ilgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

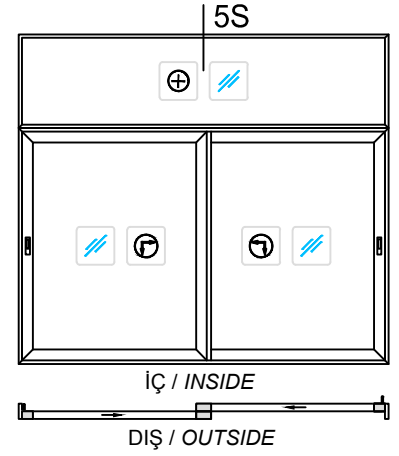
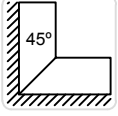
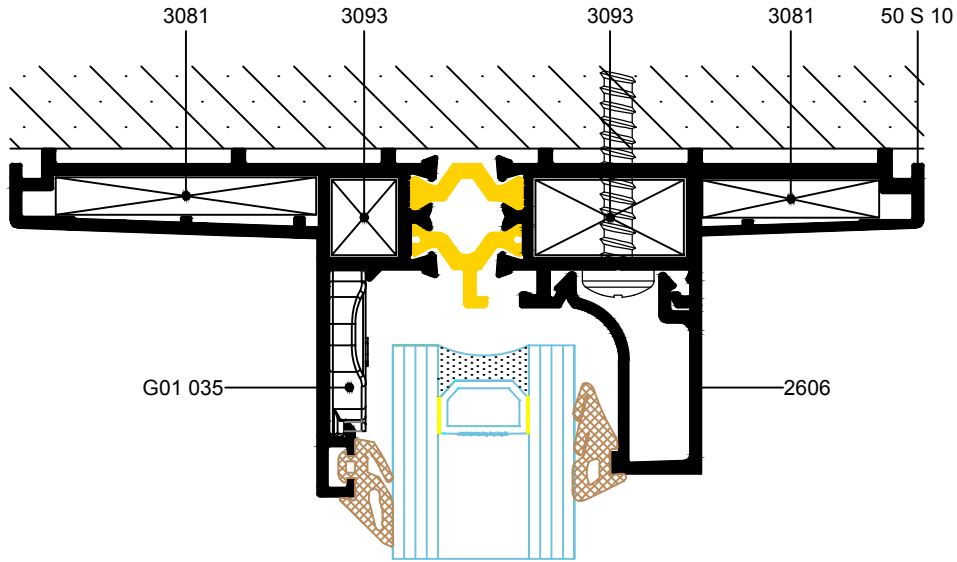
Ölçek Scale: 1/1

ÇUHADAROĞLU

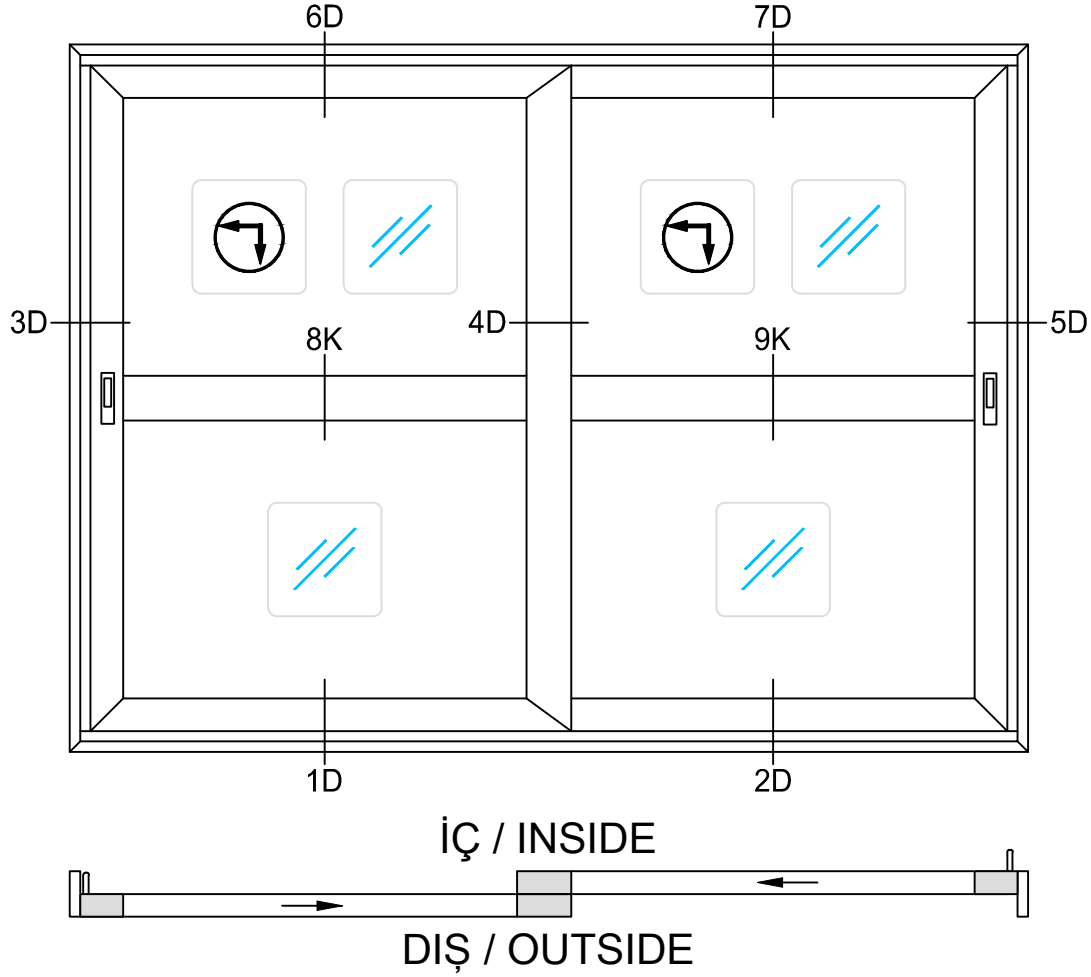
Detay Çizimleri / Detail Drawings

Uygulama Tip D Üst Sabit / Application Type D Top Fixed

Detay / Detail 5S

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TİP D KANAT İÇİ KAYIT / TYPE D TRANSOM IN SASH



S50 Tip D kanat içi kayıt detayları yukarıdaki gibi numaralandırılmıştır.
S50 Type D transom in sash details are numbered as above.

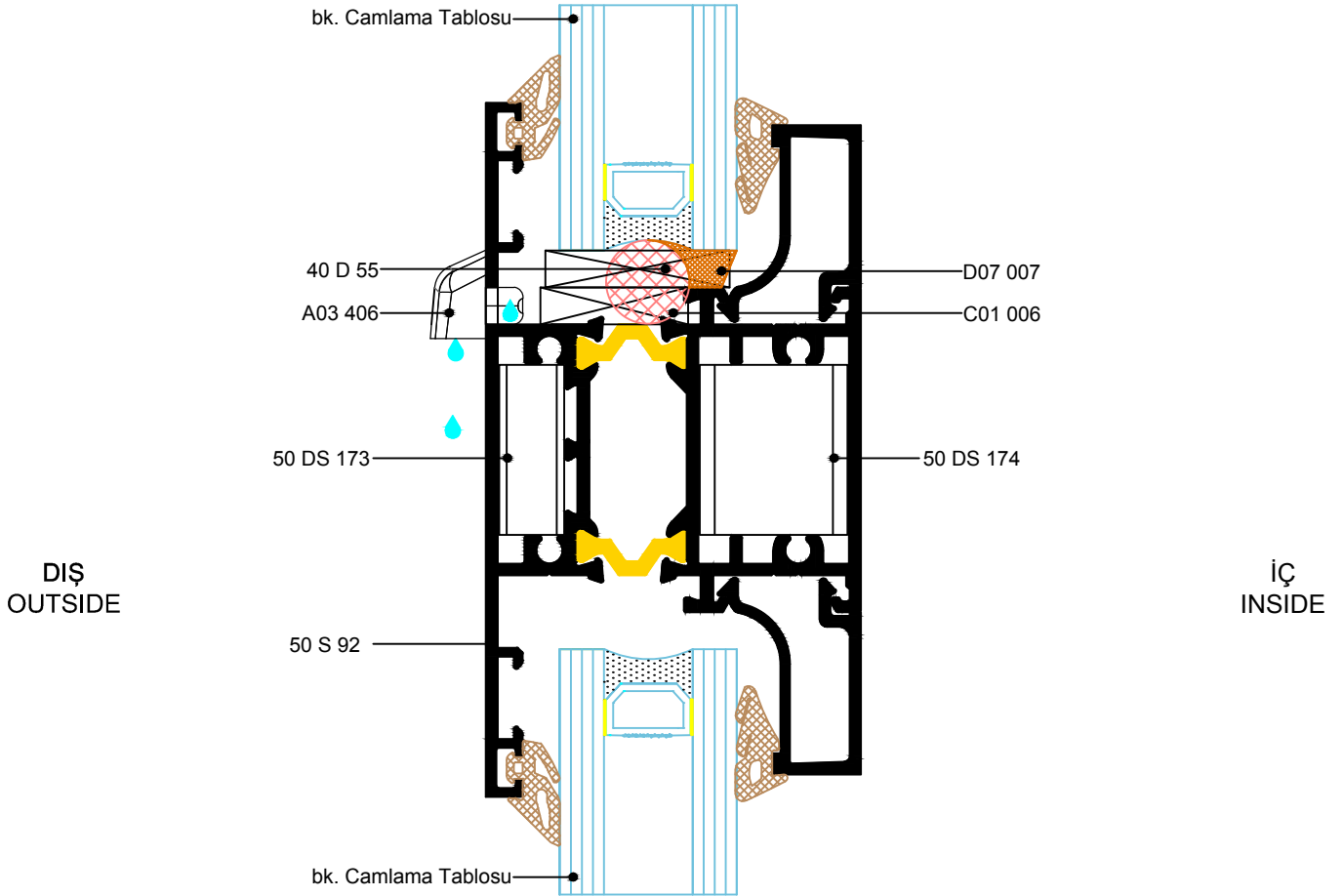
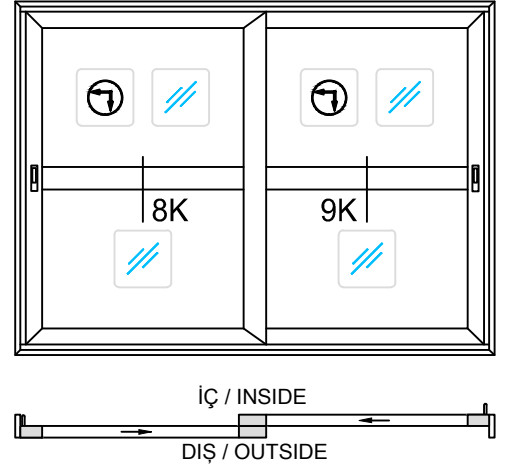
Detay 1D için bk. Sayfa 8/5-1
Detay 2D için bk. Sayfa 8/5-2
Detay 3D için bk. Sayfa 8/5-3
Detay 4D için bk. Sayfa 8/5-5
Detay 5D için bk. Sayfa 8/5-7
Detay 6D için bk. Sayfa 8/5-9
Detay 7D için bk. Sayfa 8/5-10
Detay 8K için bk. Sayfa 8/9-1
Detay 9K için bk. Sayfa 8/9-1

For details 1D see. Page 8/5-1
For details 2D see. Page 8/5-2
For details 3D see. Page 8/5-3
For details 4D see. Page 8/5-5
For details 5D see. Page 8/5-7
For details 6D see. Page 8/5-9
For details 7D see. Page 8/5-10
For details 8K see. Page 8/9-1
For details 9K see. Page 8/9-1

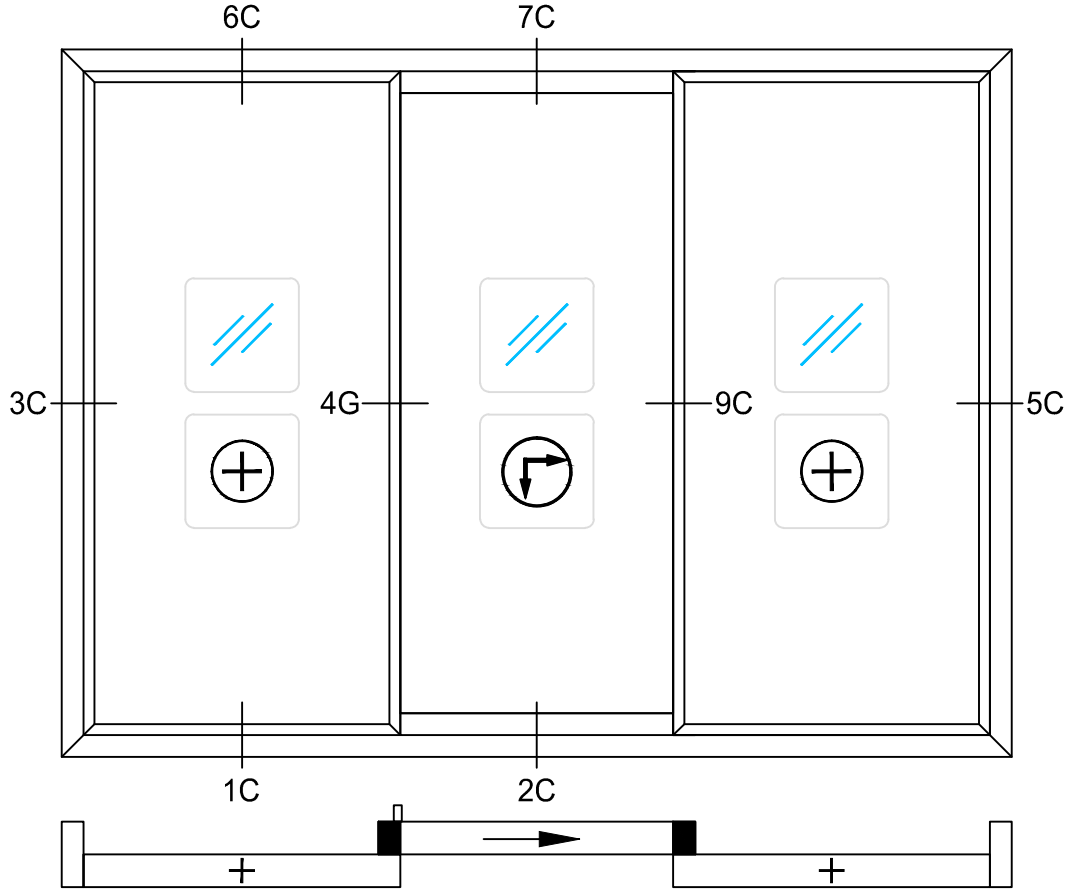
Detay Çizimleri / Detail Drawings

Uygulama Tip D Kanat İçi Kayıt / Application Type D Transom In Sash

Detay / Detail 8K - 9K



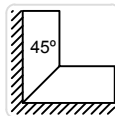
TİP G DIŞTA SABİTLİ / TYPE G OUTSIDE FIXED



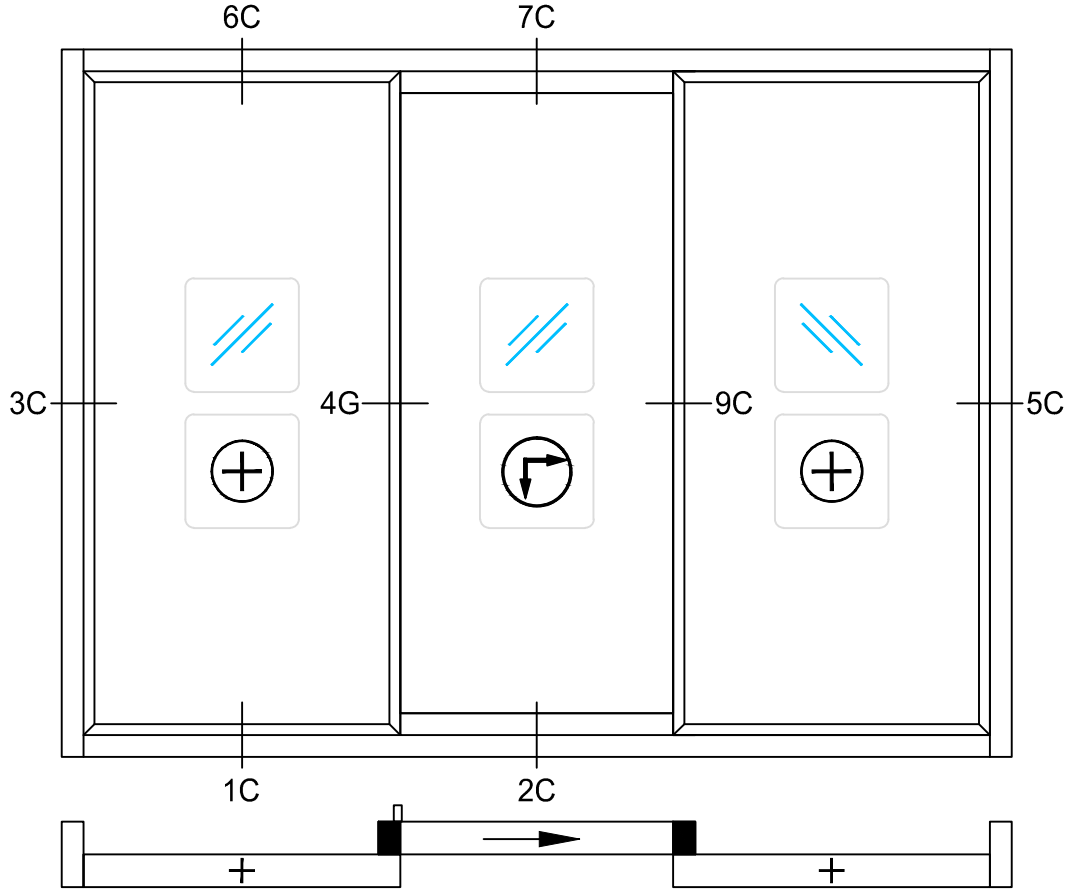
S50 Tip G Dışta sabitli kasa detayları yukarıdaki gibi numaralandırılmıştır.
S50 Type G Outside fixed frame details are numbered as above.

Detay 1C için bk. Sayfa 8/3-1
Detay 2C için bk. Sayfa 8/3-2
Detay 3C için bk. Sayfa 8/3-3
Detay 4G için bk. Sayfa 8/10-1
Detay 5C için bk. Sayfa 8/3-5
Detay 6C için bk. Sayfa 8/3-6
Detay 7C için bk. Sayfa 8/3-7
Detay 9C için bk. Sayfa 8/3-10

For details 1C see. Page 8/3-1
For details 2C see. Page 8/3-2
For details 3C see. Page 8/3-3
For details 4G see. Page 8/10-1
For details 5C see. Page 8/3-5
For details 6C see. Page 8/3-6
For details 7C see. Page 8/3-7
For details 9C see. Page 8/3-10



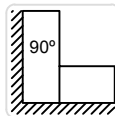
TİP G DIŞTA SABİTLİ / TYPE G OUTSIDE FIXED



S50 Tip G Dışta sabitli kasa detayları yukarıdaki gibi numaralandırılmıştır.
S50 Type G Outside fixed frame details are numbered as above.

Detay 1C için bk. Sayfa 8/3-17
Detay 2C için bk. Sayfa 8/3-18
Detay 3C için bk. Sayfa 8/3-19
Detay 4G için bk. Sayfa 8/10-1
Detay 5C için bk. Sayfa 8/3-20
Detay 6C için bk. Sayfa 8/3-21
Detay 7C için bk. Sayfa 8/3-21
Detay 9C için bk. Sayfa 8/3-9

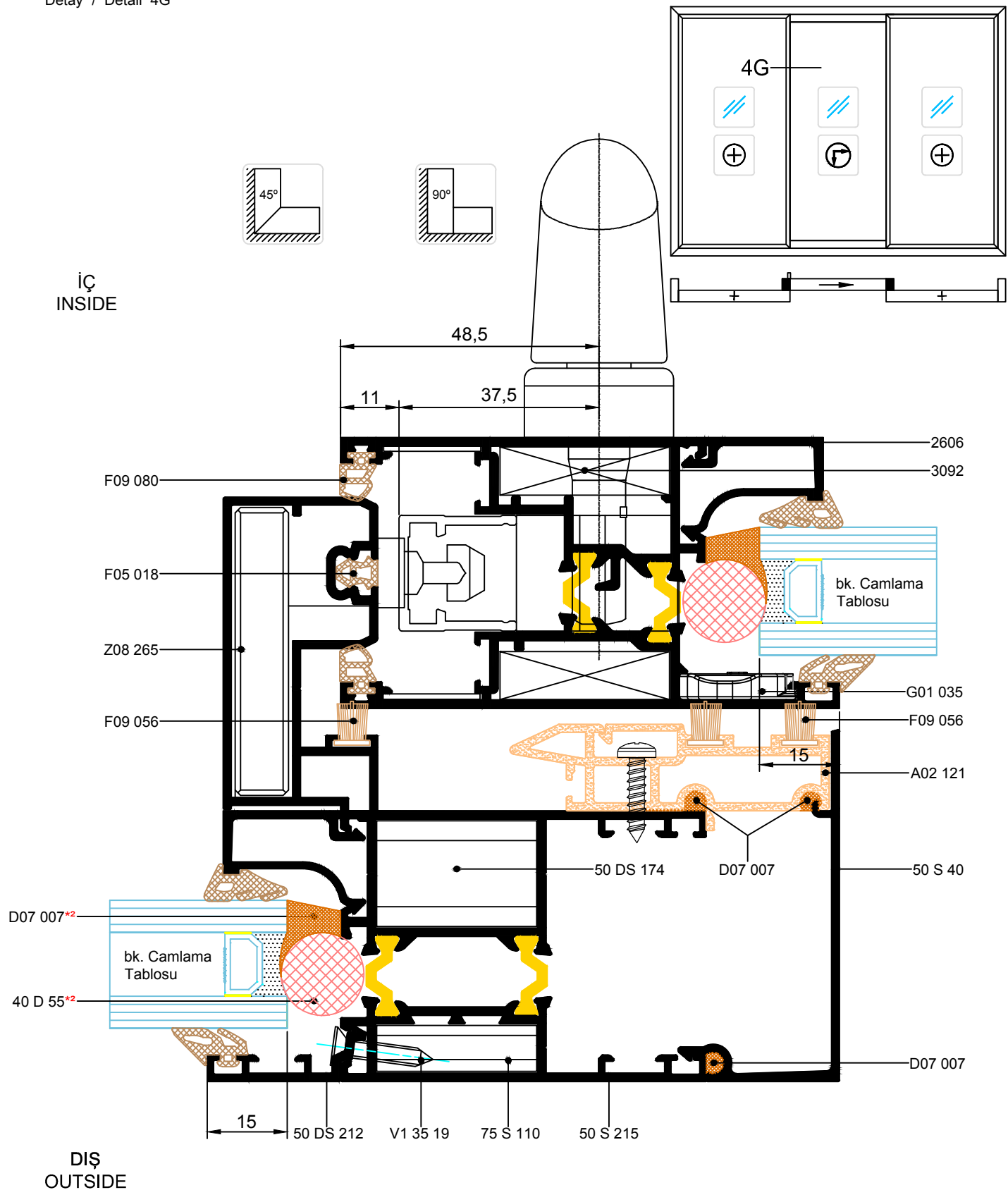
For details 1C see. Page 8/3-17
For details 2C see. Page 8/3-18
For details 3C see. Page 8/3-19
For details 4G see. Page 8/10-1
For details 5C see. Page 8/3-20
For details 6C see. Page 8/3-21
For details 7C see. Page 8/3-22
For details 9C see. Page 8/3-9



Detay Çizimleri / Detail Drawings

Uygulama Tip G Dışta Sabitli Kasa / Application Type G Outside Fixed Frame

Detay / Detail 4G



Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

Note: ^{*2} Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

Ölçek Scale: 1/1

ÇUHADAROĞLU

SP.S50.00.08

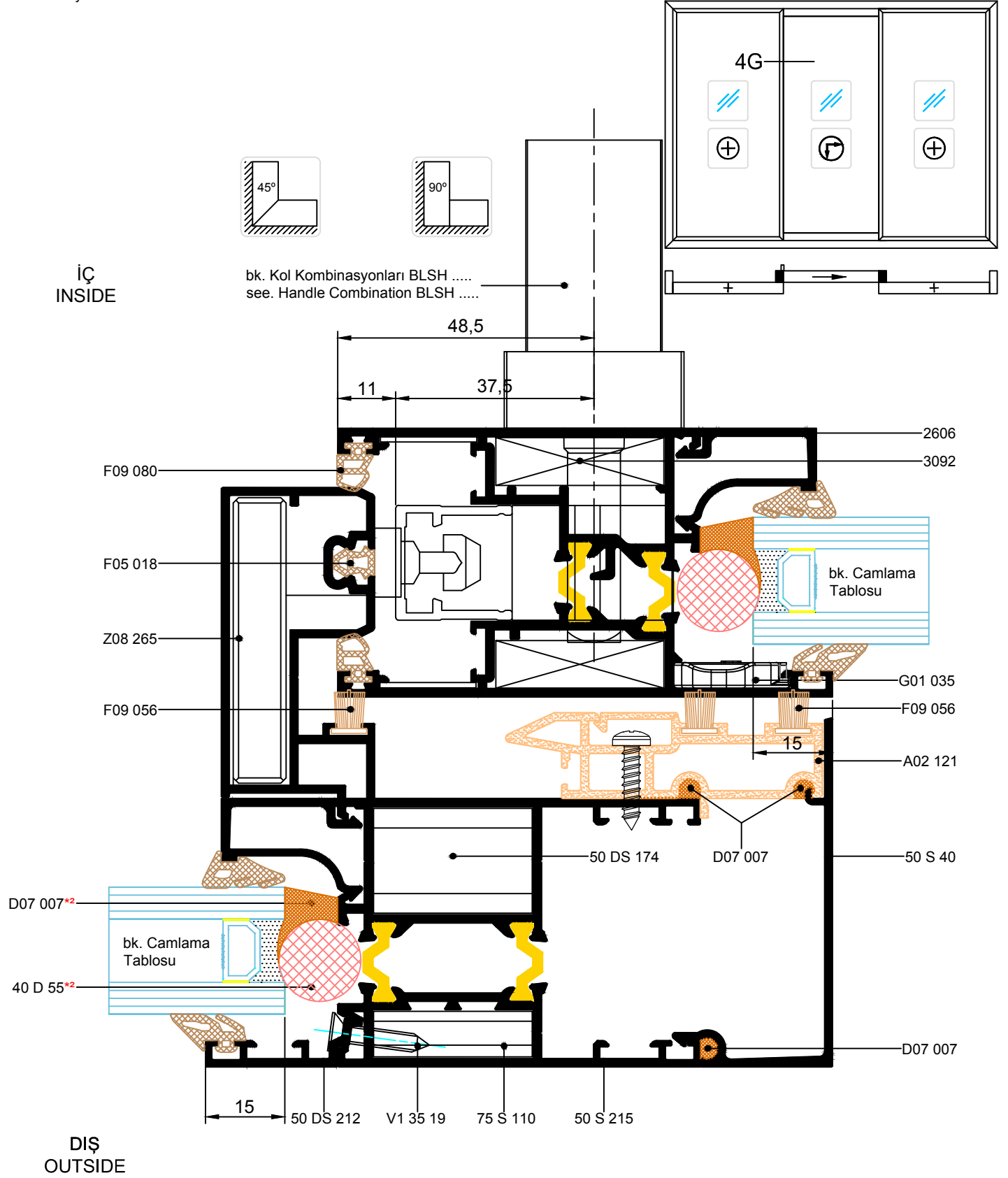
MAYIS / MAY 2020

8/10-1

Detay Çizimleri / Detail Drawings

Uygulama Tip G Dışta Sabitli Kasa / Application Type G Outside Fixed Frame

Detay / Detail 4G



Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

Ölçek Scale: 1/1

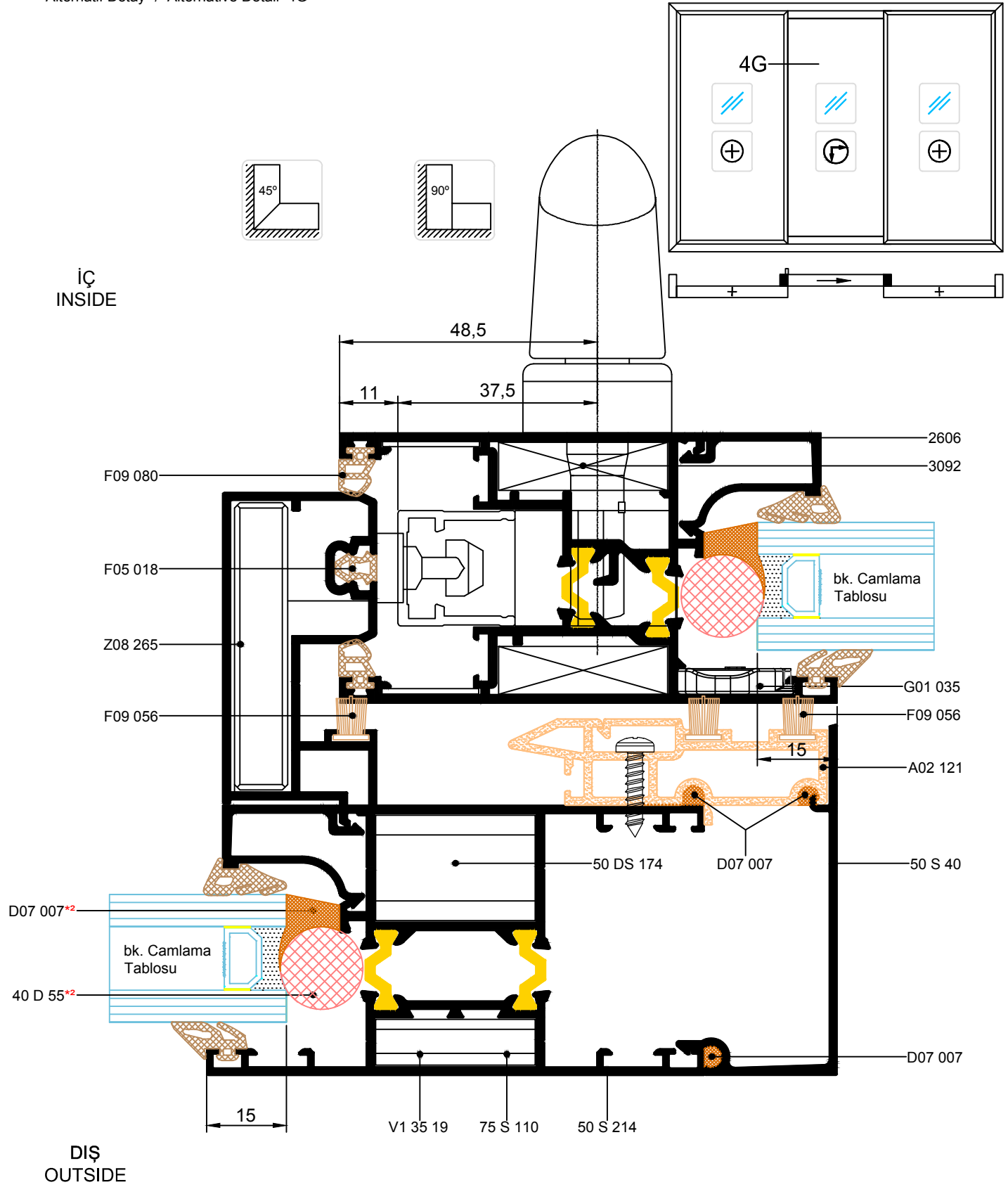
ÇUHADAROĞLU

SP.S50.00.08

Detay Çizimleri / Detail Drawings

Uygulama Tip G Dışta Sabitli Kasa / Application Type G Outside Fixed Frame

Alternatif Detay / Alternative Detail 4G



Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

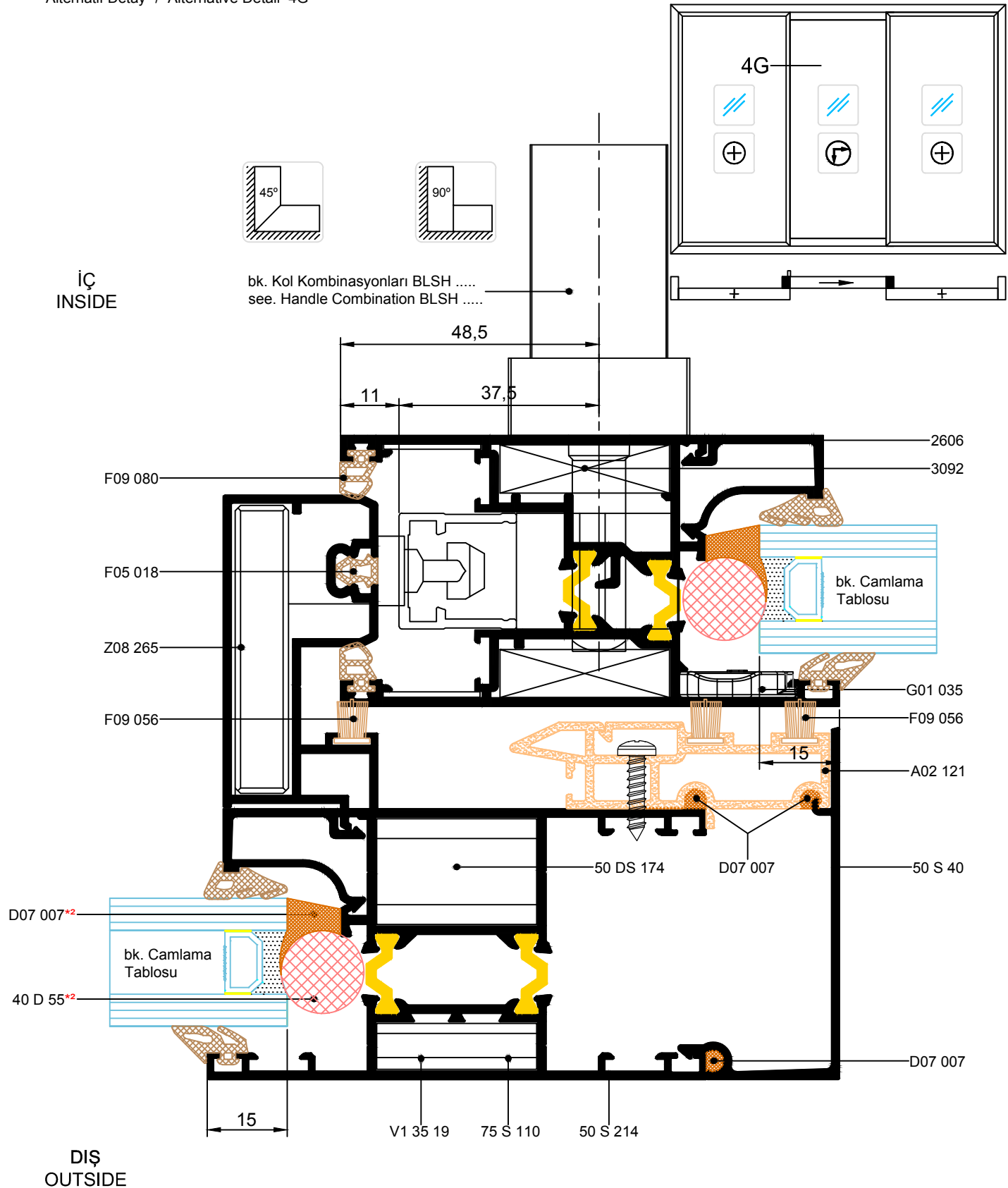
Ölçek Scale: 1/1

ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings

Uygulama Tip G Dışta Sabitli Kasa / Application Type G Outside Fixed Frame

Alternatif Detay / Alternative Detail 4G



Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

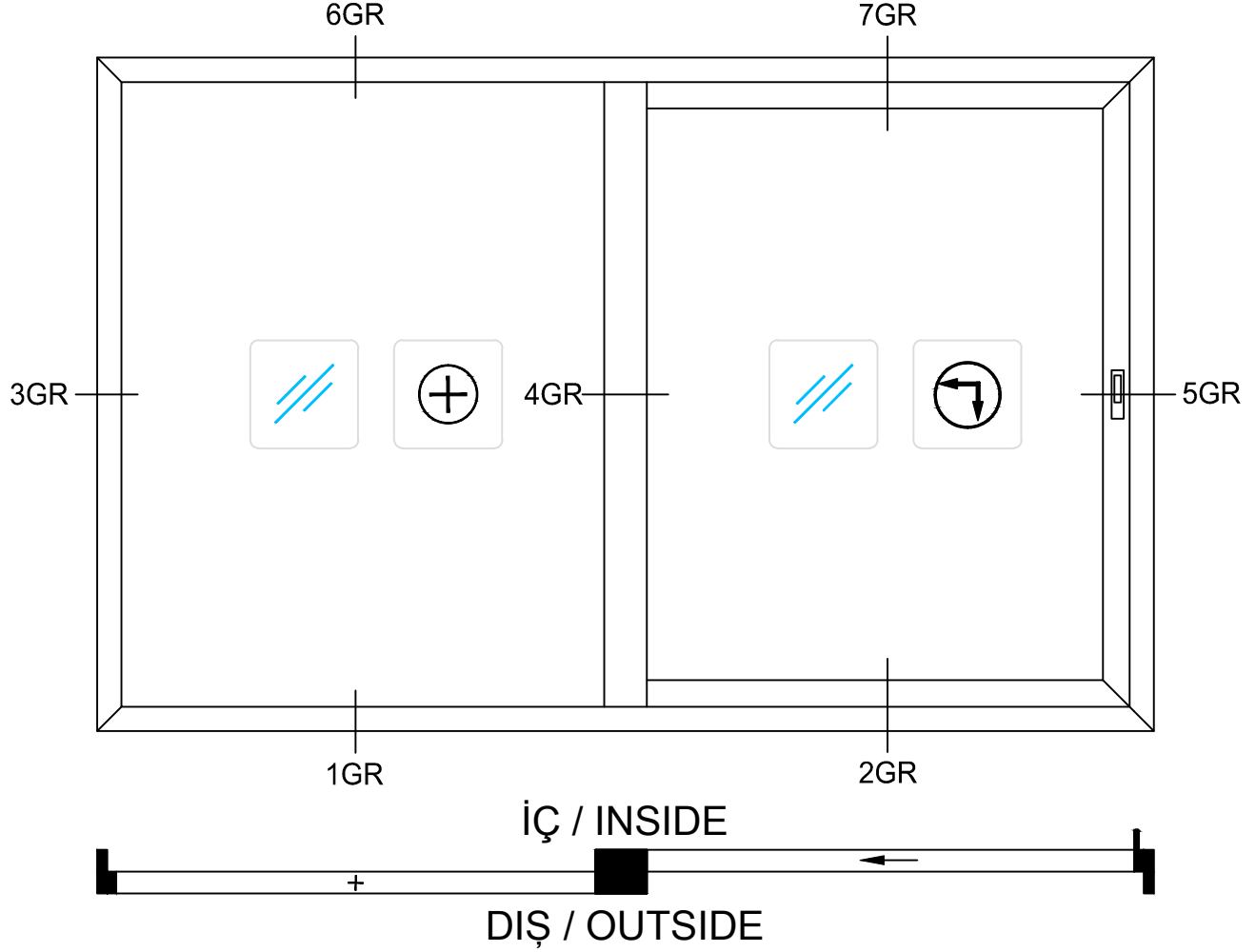
Note: ^{*2} Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

Ölçek Scale: 1/1

ÇUHADAROĞLU

SP.S50.00.08

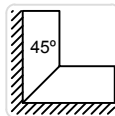
TİP A İÇTEN CAMLAMA / TYPE A INTERNAL GLAZING



S50 Tip A İçten Camlama Seçeneği detayları yukarıdaki gibi numaralandırılmıştır.
S50 Type A Internat Glazing Option details are numbered as above.

Detay 1GR için bk. Sayfa 8/11-1
Detay 2GR için bk. Sayfa 8/11-2
Detay 3GR için bk. Sayfa 8/11-3
Detay 4GR için bk. Sayfa 8/11-4
Detay 5GR için bk. Sayfa 8/11-5
Detay 6GR için bk. Sayfa 8/11-7
Detay 7GR için bk. Sayfa 8/11-8

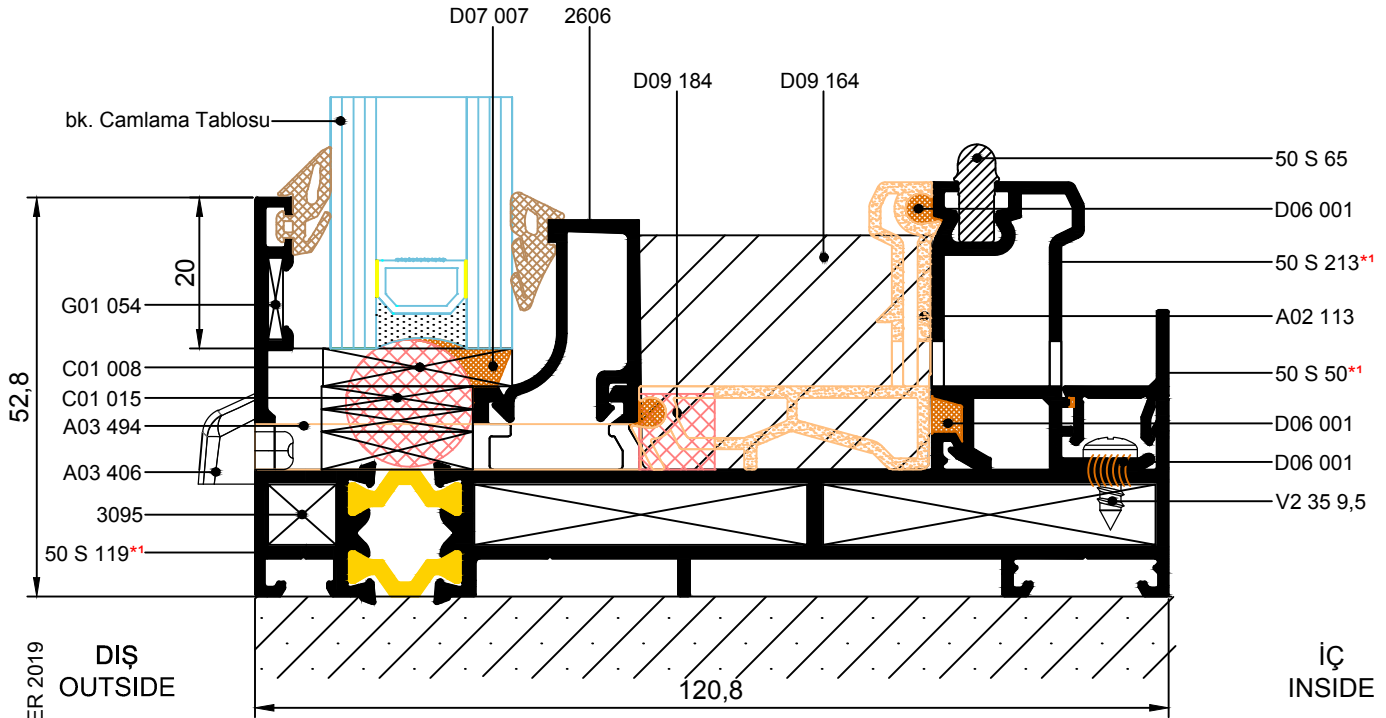
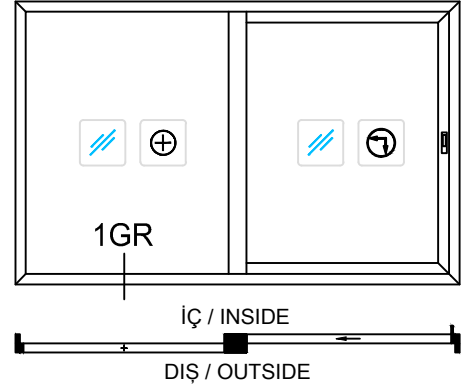
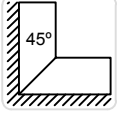
For details 1GR see. Page 8/11-1
For details 2GR see. Page 8/11-2
For details 3GR see. Page 8/11-3
For details 4GR see. Page 8/11-4
For details 5GR see. Page 8/11-5
For details 6GR see. Page 8/11-7
For details 7GR see. Page 8/11-8



Detay Çizimleri / Detail Drawings

Uygulama Tip A İçten Camlama / Application Type A Internal Glazing

Detay / Detail 1GR



Not: * İlgili ürünlerin temin süreleri standart temin süreleri dışında olup, temasa geçilmesi önem taşımaktadır.
Note: * Supply periods of related products are out of the standard supply periods and it is important to contact the bases.

Ölçek Scale: 1/1

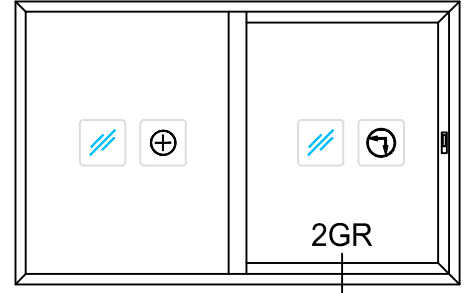
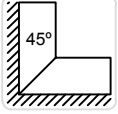
ÇUHADAROĞLU

SP.S50.00.08

Detay Çizimleri / Detail Drawings

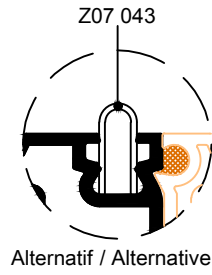
Uygulama Tip A İçten Camlama / Application Type A Internal Glazing

Detay / Detail 2GR

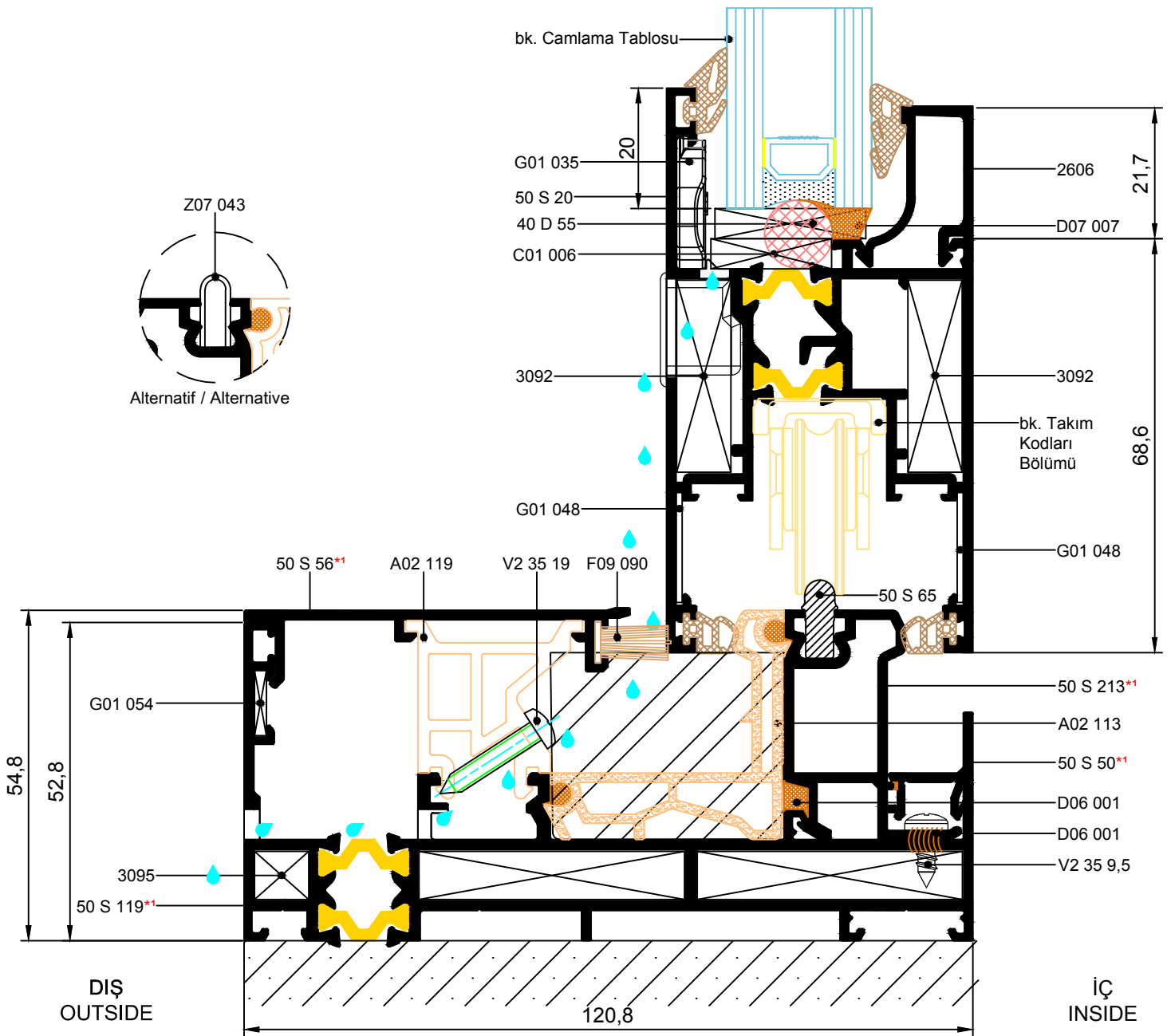


İÇ / INSIDE

DİŞ / OUTSIDE



Alternatif / Alternative



Not: *1 İlgili ürünlerin temin süreleri standart temin süreleri dışında olup, temasa geçilmesi önem taşımaktadır.

Note: *1 Supply periods of related products are out of the standard supply periods and it is important to contact the bases.

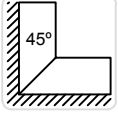
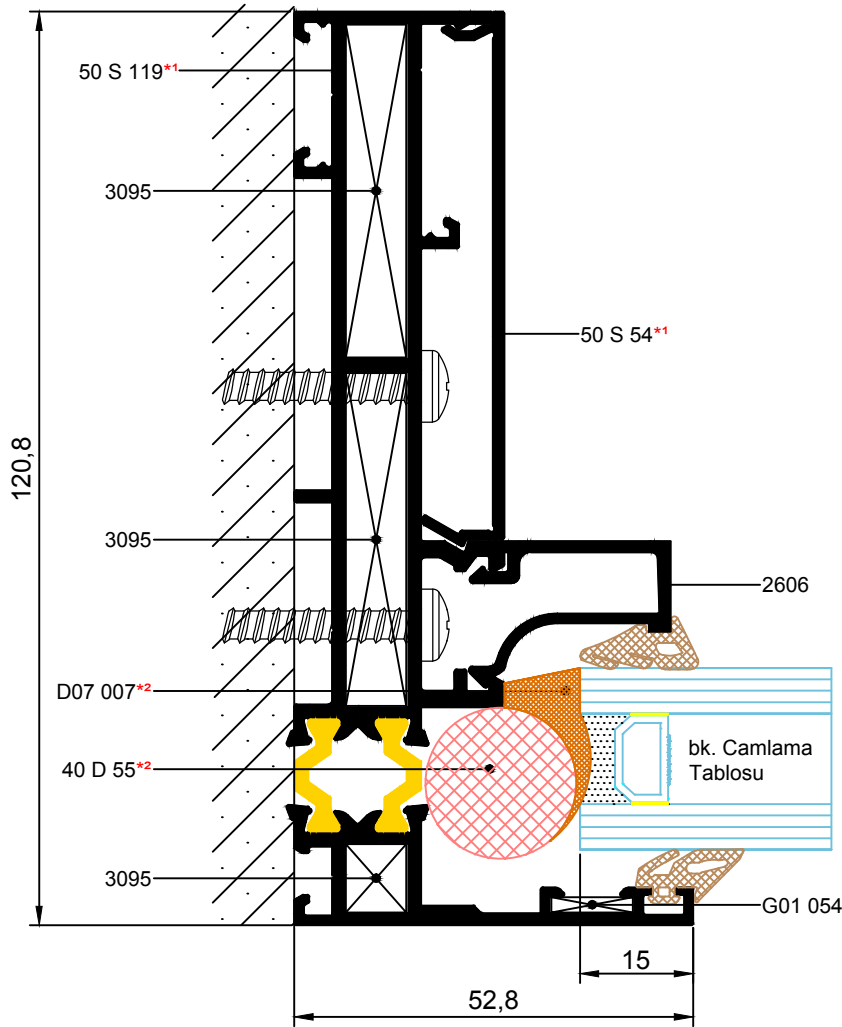
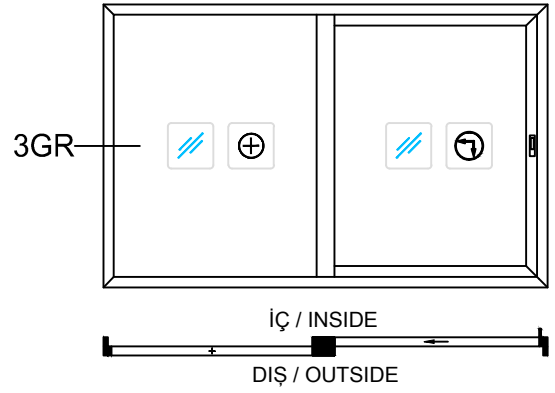
Ölçek Scale: 1/1

ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings

Uygulama Tip A İçten Camlama / Application Type A Internal Glazing

Detay / Detail 3GR

İÇ
INSIDEDIŞ
OUTSIDE

Not: *1 İlgili ürünlerin temin süreleri standart temin süreleri dışında olup, temasa geçilmesi önem taşımaktadır.
Note: *1 Supply periods of related products are out of the standard supply periods and it is important to contact the bases.

Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.
Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

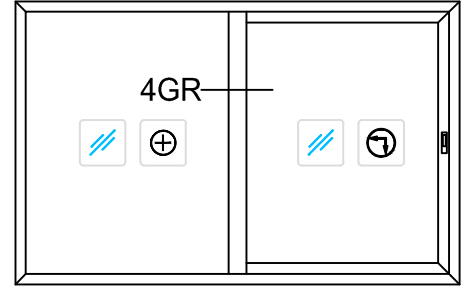
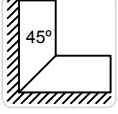
Ölçek Scale: 1/1

ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings

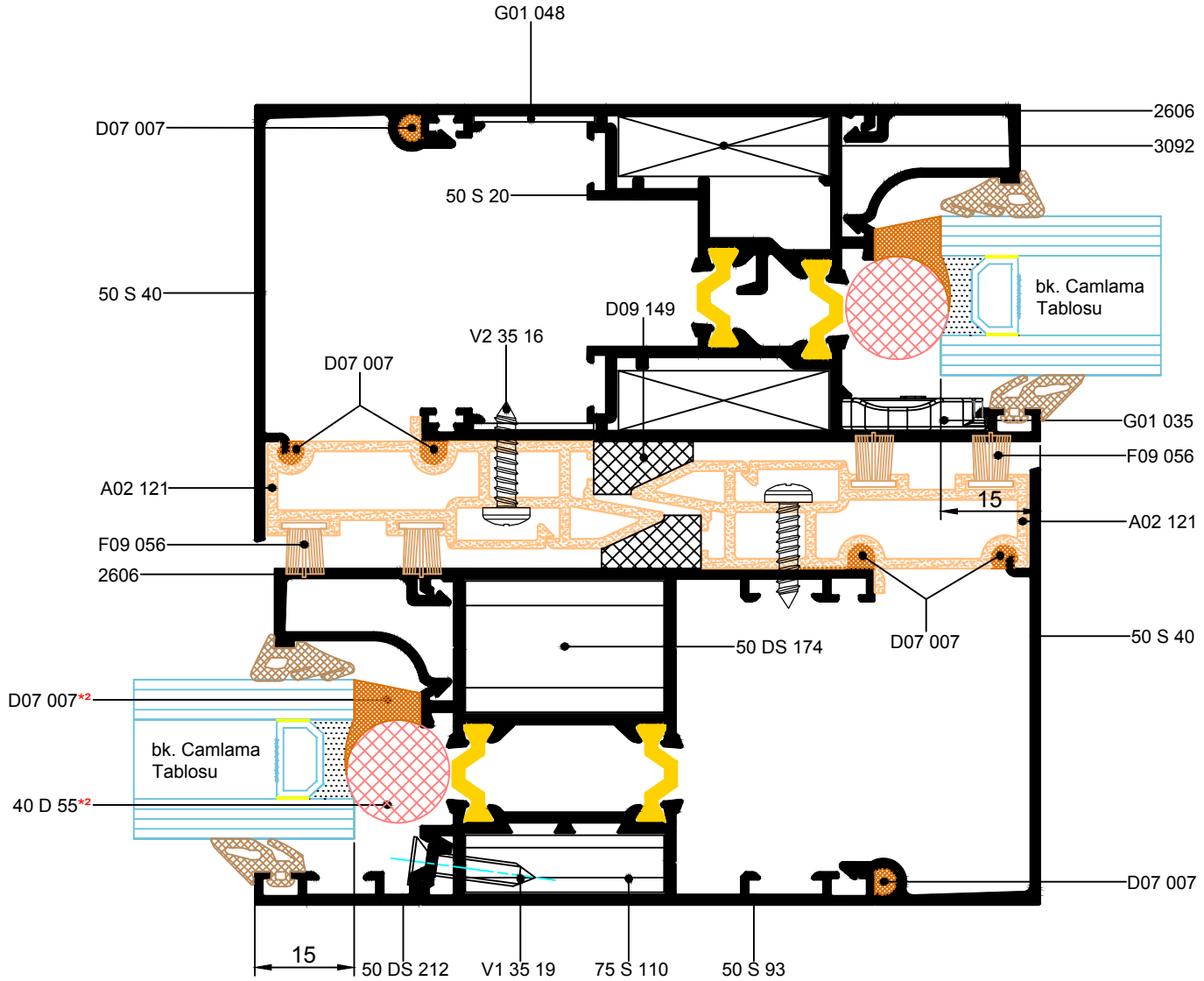
Uygulama Tip A İçten Camlama / Application Type A Internal Glazing

Detay / Detail 4GR



İÇ / INSIDE

DİŞ / OUTSIDE

İÇ
INSIDEDİŞ
OUTSIDE

Not: *1 İlgili ürünlerin temin süreleri standart temin süreleri dışında olup, temasa geçilmesi önem taşımaktadır.
Note: *1 Supply periods of related products are out of the standard supply periods and it is important to contact the bases.

Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.

Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

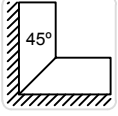
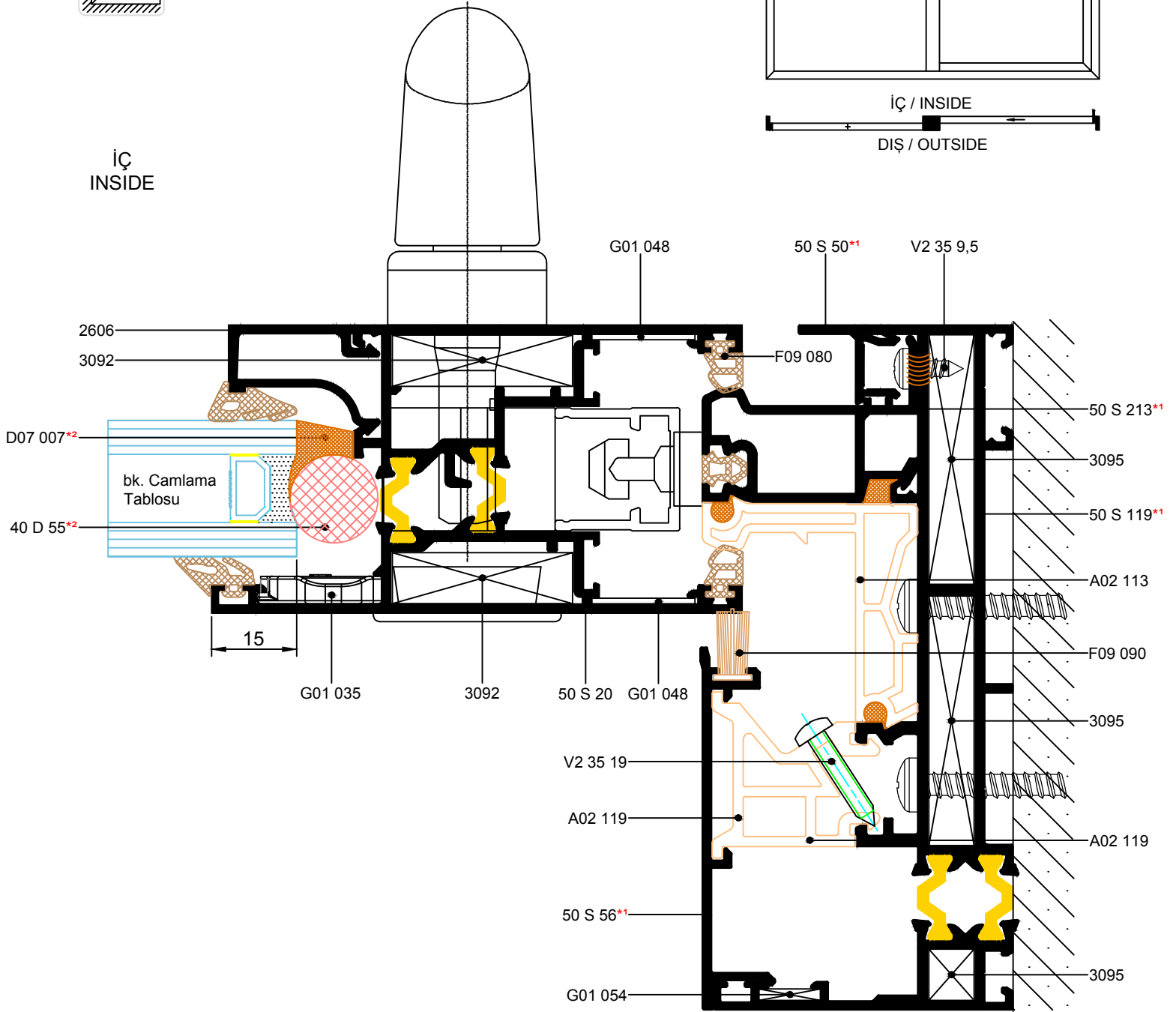
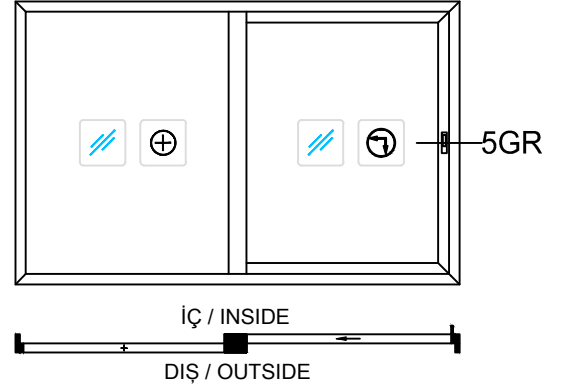
Ölçek Scale: 1/1

ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings

Uygulama Tip A İçten Camlama / Application Type A Internal Glazing

Detay / Detail 5GR

İÇ
INSIDEDIŞ
OUTSIDE

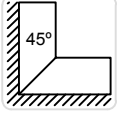
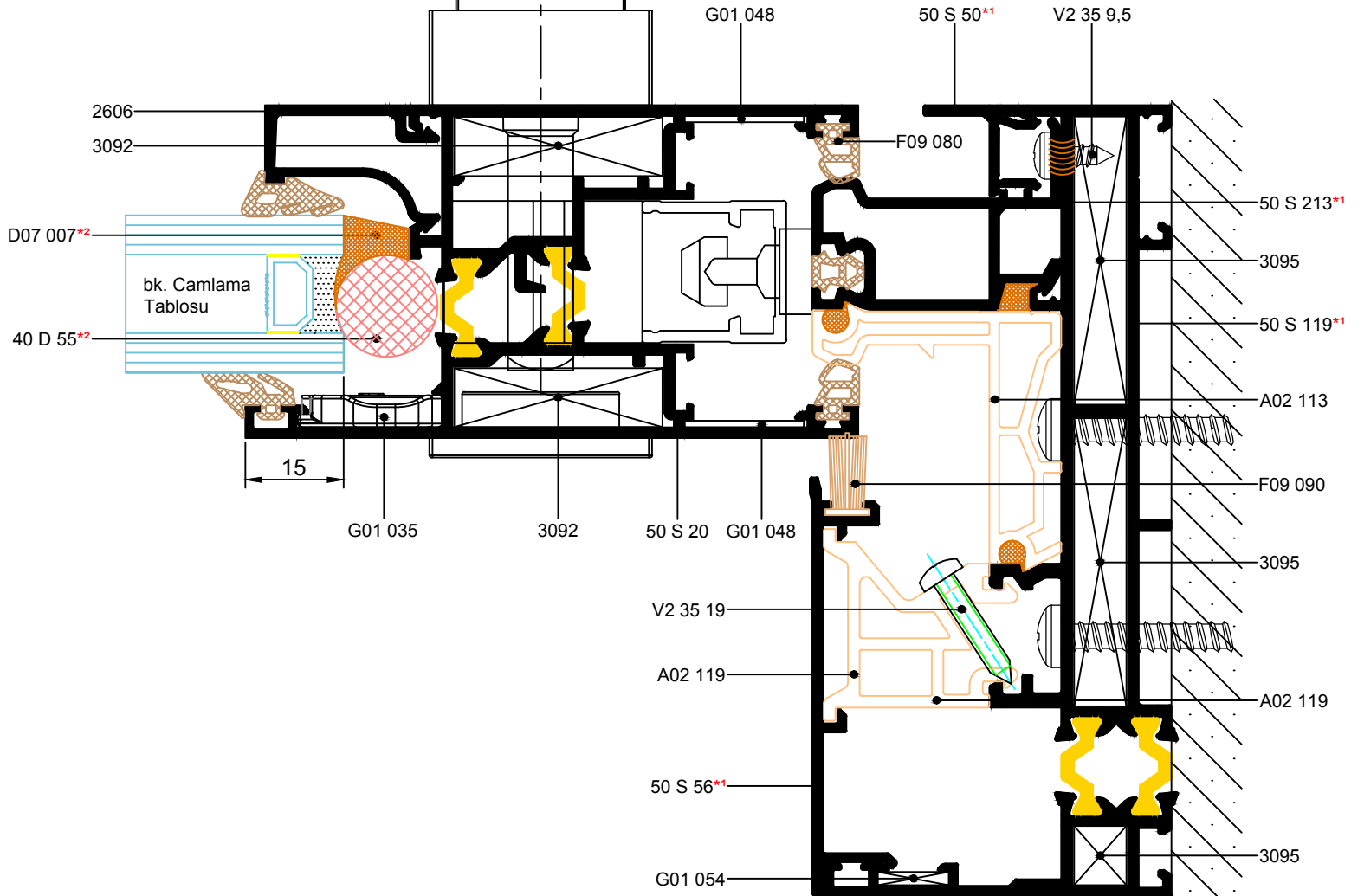
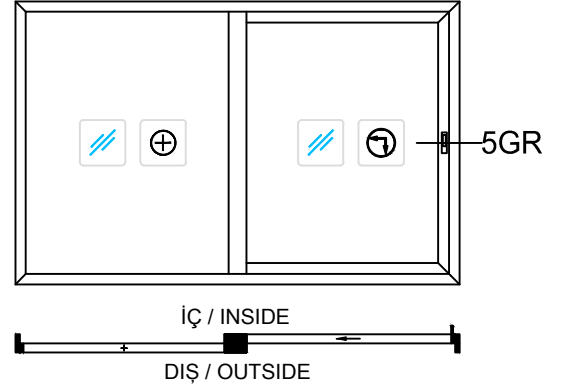
Not: * İlgili ürünlerin temin süreleri standart temin süreleri dışında olup, temasa geçilmesi önem taşımaktadır.
Note: * Supply periods of related products are out of the standard supply periods and it is important to contact the bases.

Not: * İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.
Note: * Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

Detay Çizimleri / Detail Drawings

Uygulama Tip A İçten Camlama / Application Type A Internal Glazing

Alternatif Detay / Alternative Detail 5GR

bk. Kol Kombinasyonları BLSH
see. Handle Combination BLSHİÇ
INSIDEDİŞ
OUTSIDE

Not: *1 İlgili ürünlerin temin süreleri standart temin süreleri dışında olup, temasa geçilmesi önem taşımaktadır.
Note: *1 Supply periods of related products are out of the standard supply periods and it is important to contact the bases.

Not: *2 İlgili ürünler düşeylerde kanat alt kenarından 15 cm mesafede uygulanacaktır.
Note: *2 Related products will be applied at a distance of 15 cm from the lower edge of the wing in the vertical.

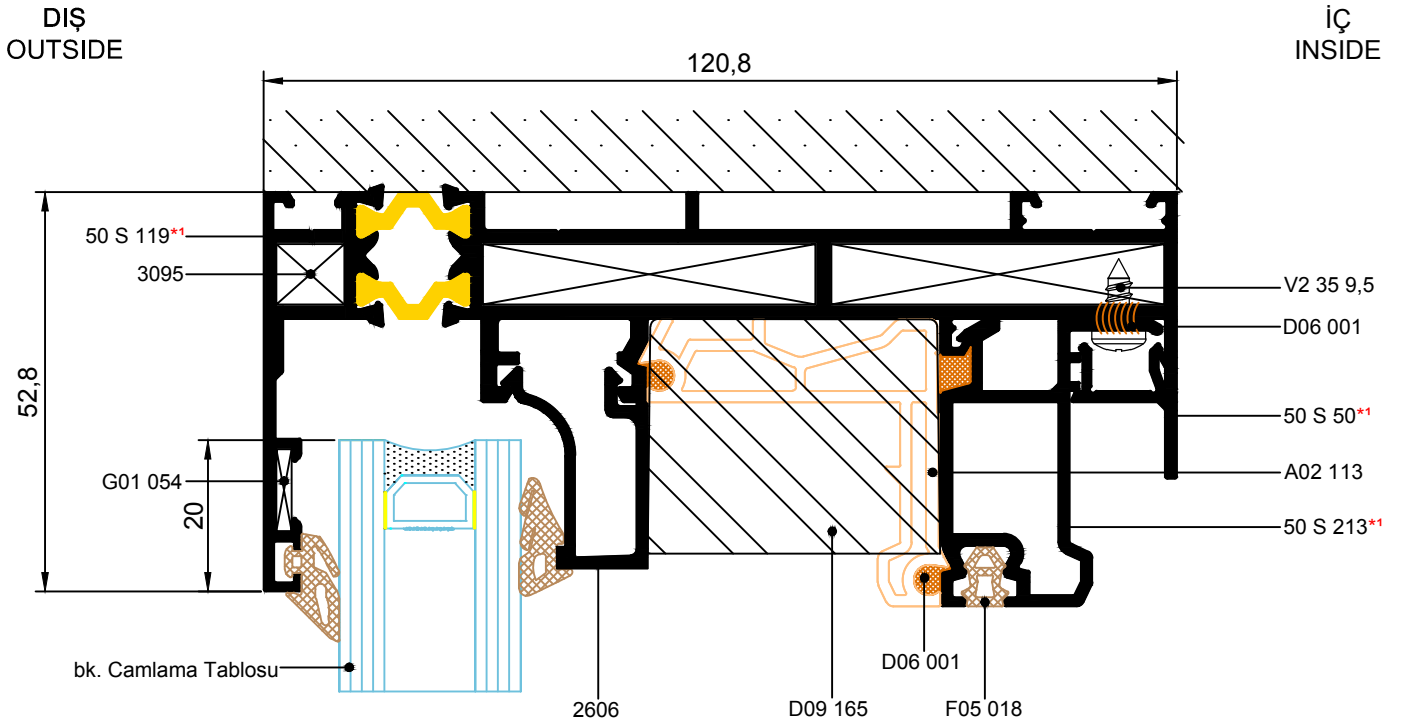
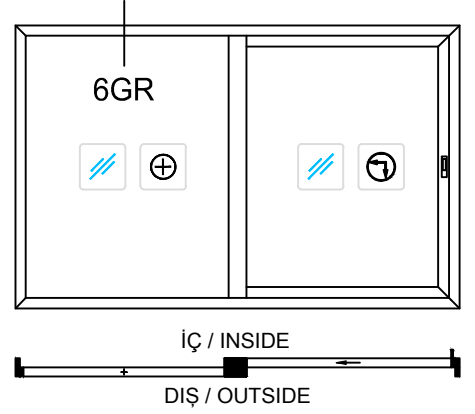
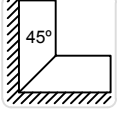
Ölçek Scale: 1/1

ÇUHADAROĞLU

Detay Çizimleri / Detail Drawings

Uygulama Tip A İçten Camlama / Application Type A Internal Glazing

Detay / Detail 6GR

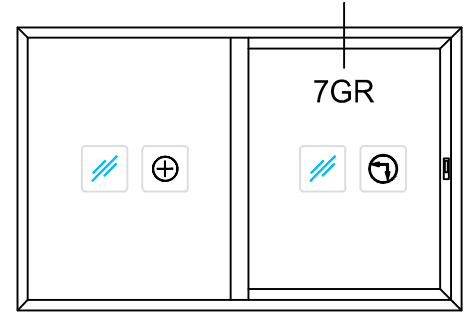
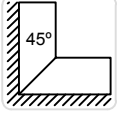


Not: * İlgili ürünlerin temin süreleri standart temin süreleri dışında olup, temasa geçilmesi önem taşımaktadır.
Note: * Supply periods of related products are out of the standard supply periods and it is important to contact the bases.

Detay Çizimleri / Detail Drawings

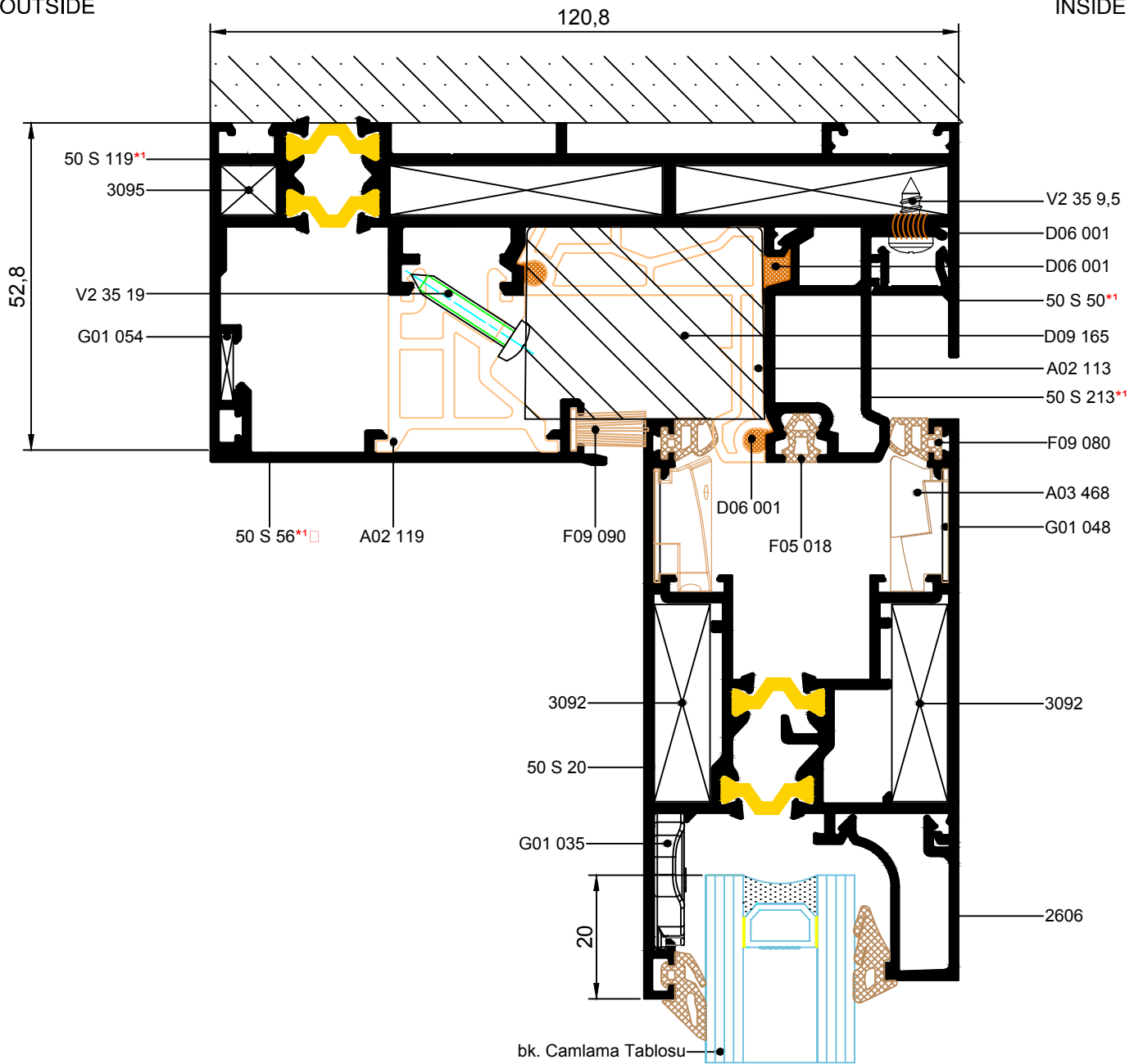
Uygulama Tip A İçten Camlama / Application Type A Internal Glazing

Detay / Detail 7GR



İÇ / INSIDE

DIŞ / OUTSIDE

İÇ
INSIDEDIŞ
OUTSIDE

Not: *1 İlgili ürünlerin temin süreleri standart temin süreleri dışında olup, temasa geçilmesi önem taşımaktadır.

Note: *1 Supply periods of related products are out of the standard supply periods and it is important to contact the bases.

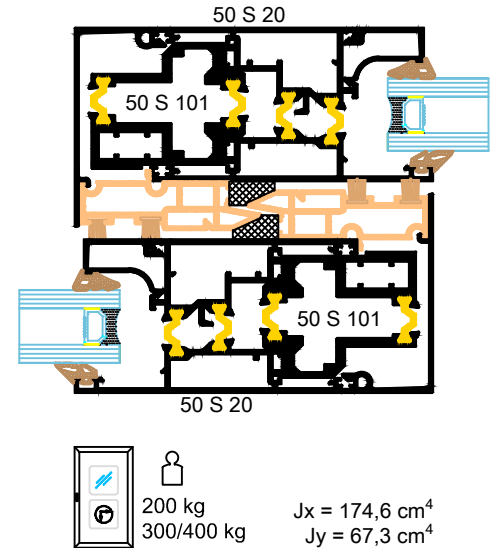
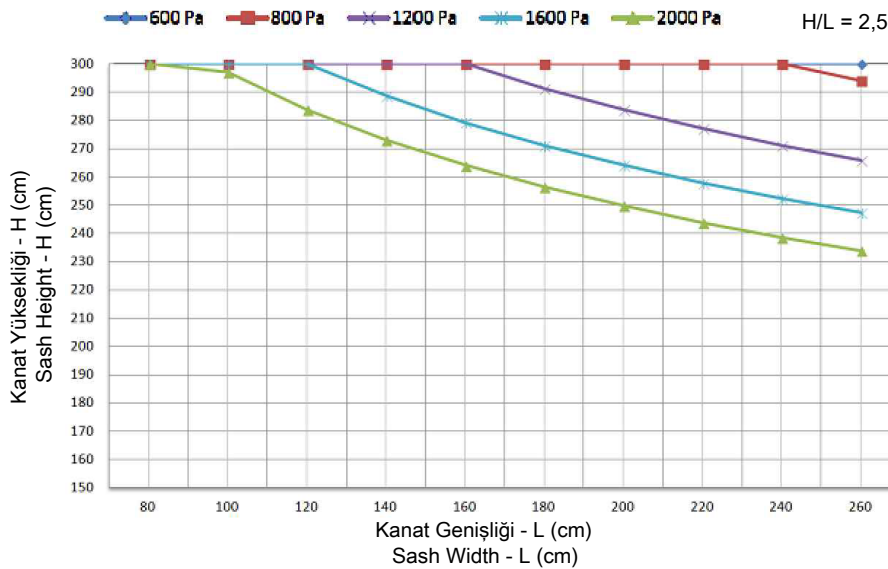
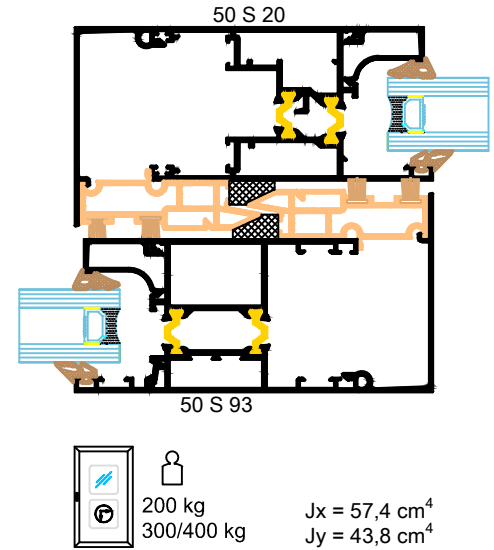
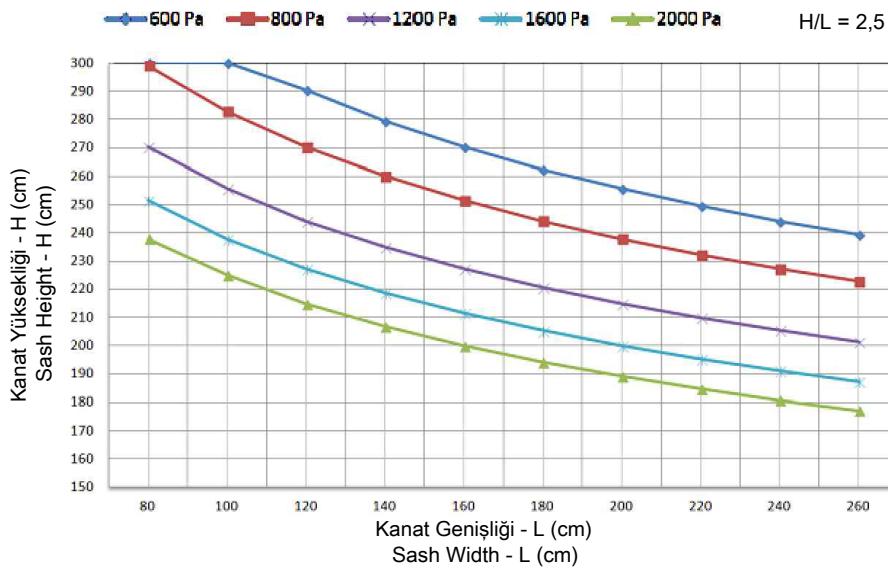
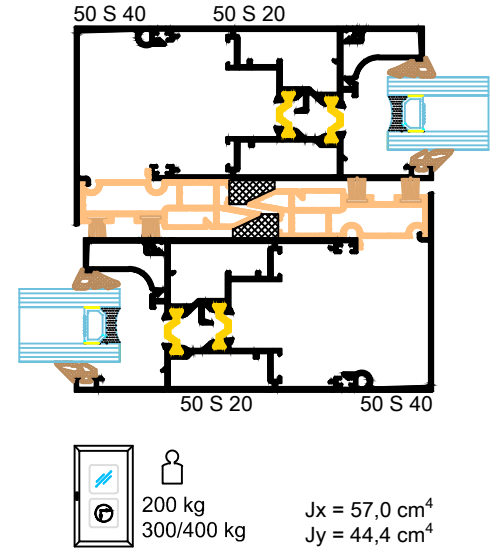
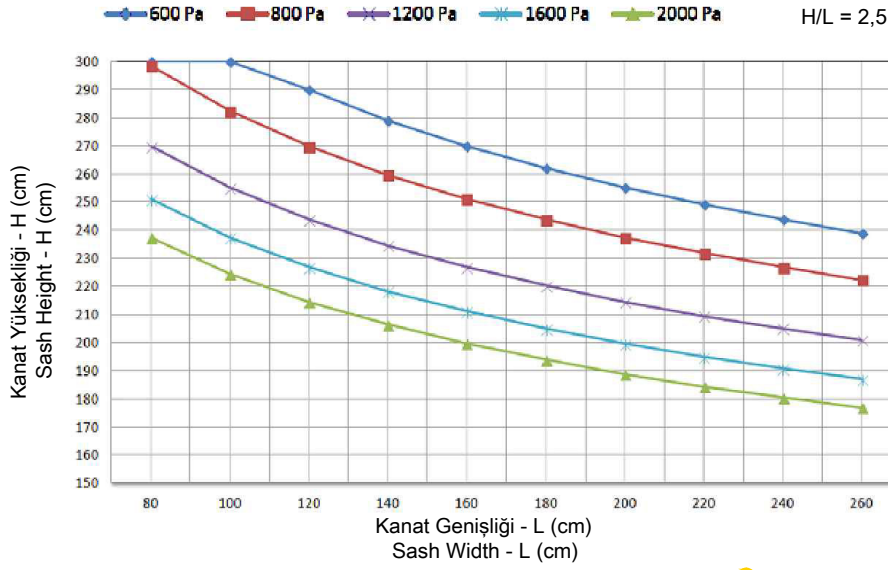
Ölçek Scale: 1/1

ÇUHADAROĞLU

9

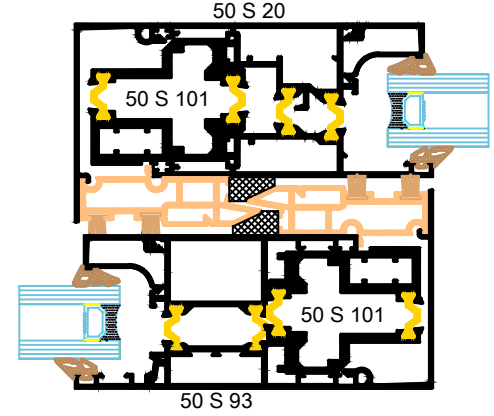
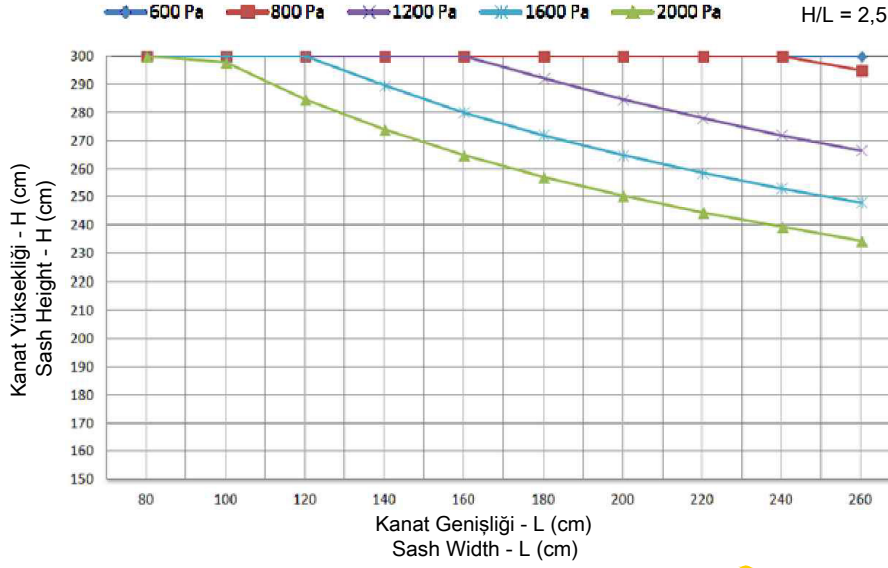
STATİK DİYAGRAMLAR STATIC DIAGRAMS

Statik Diyagramlar / Static Diagrams



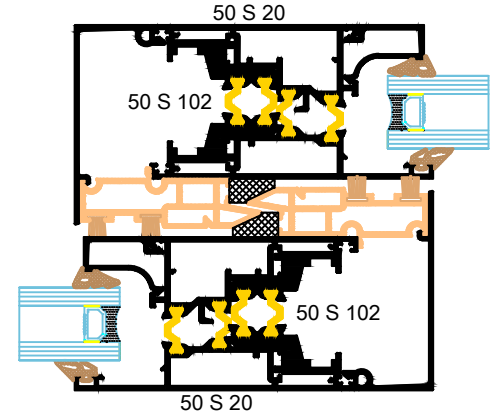
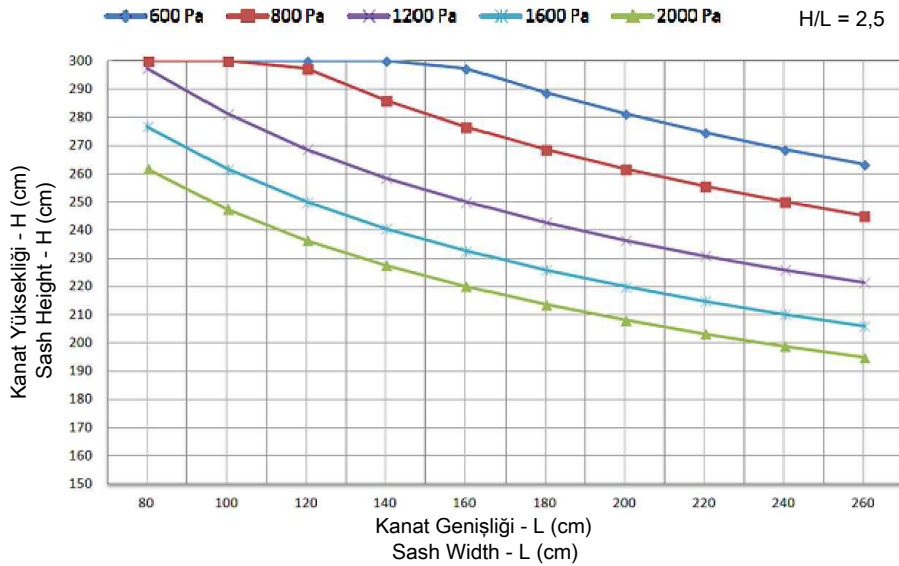
Ölçek Scale: 1/2,5

Statik Diyagramlar / Static Diagrams



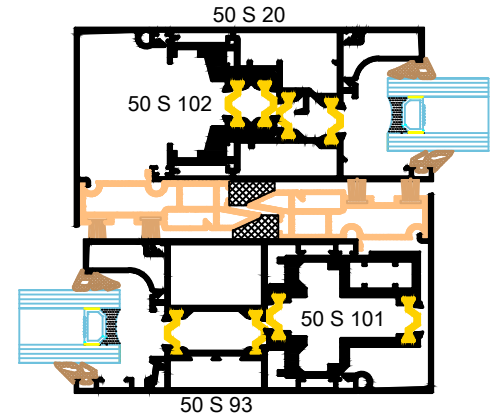
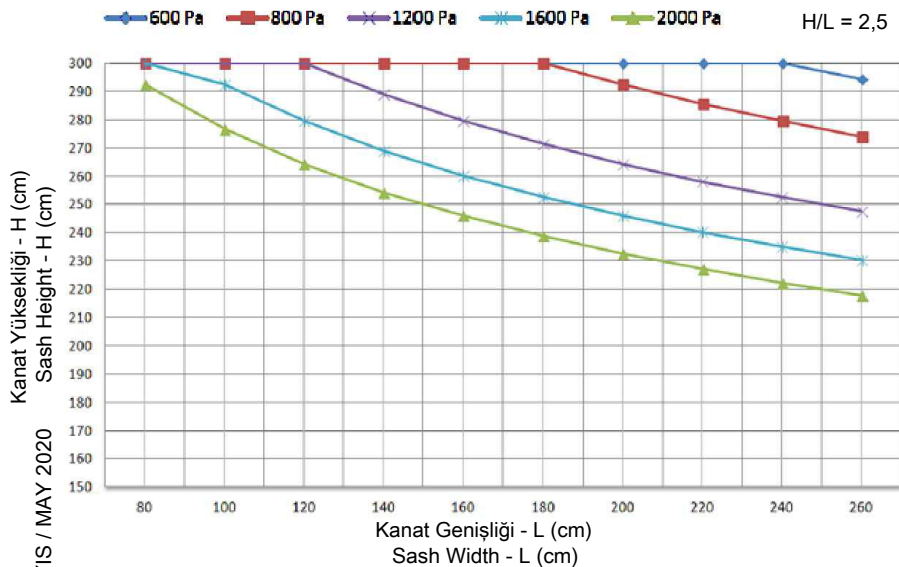
200 kg
300/400 kg

$J_x = 176,6 \text{ cm}^4$
 $J_y = 66,8 \text{ cm}^4$



200 kg
300/400 kg

$J_x = 84,2 \text{ cm}^4$
 $J_y = 60,4 \text{ cm}^4$



200 kg
300/400 kg

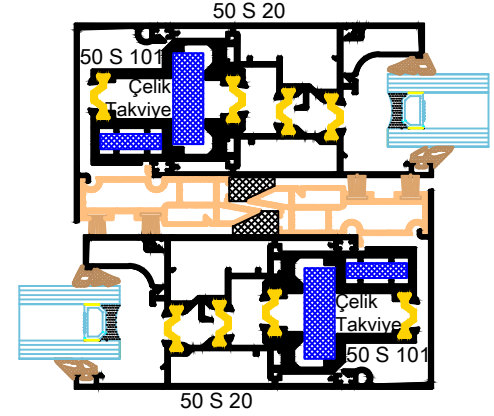
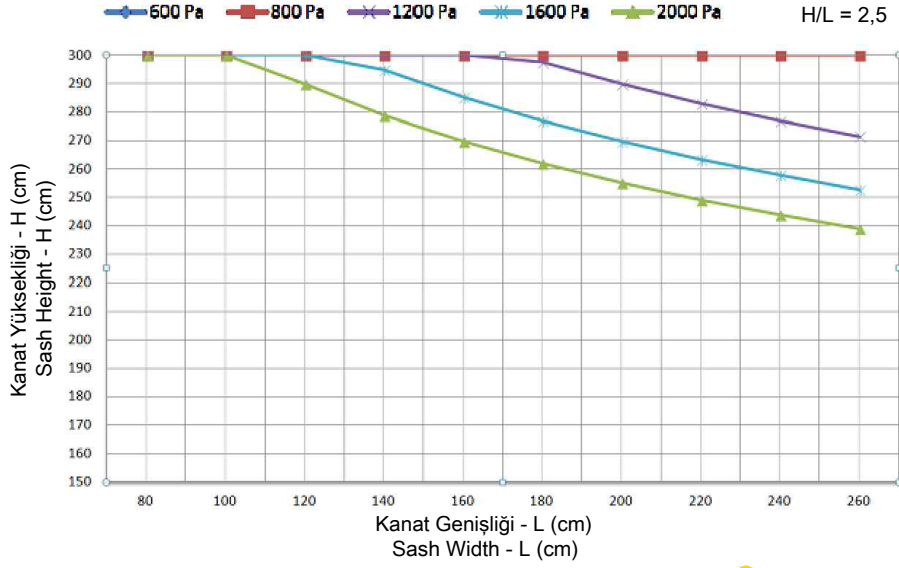
$J_x = 131,4 \text{ cm}^4$
 $J_y = 63,8 \text{ cm}^4$

Ölçek Scale: 1/2,5

ÇUHADAROĞLU

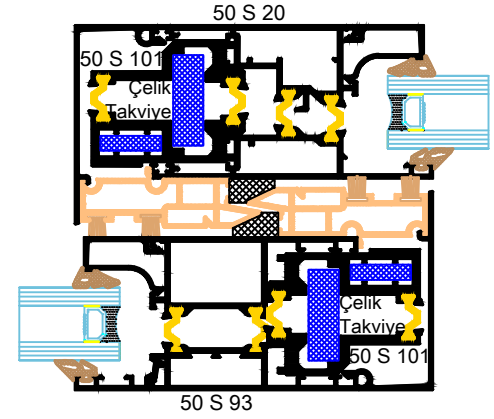
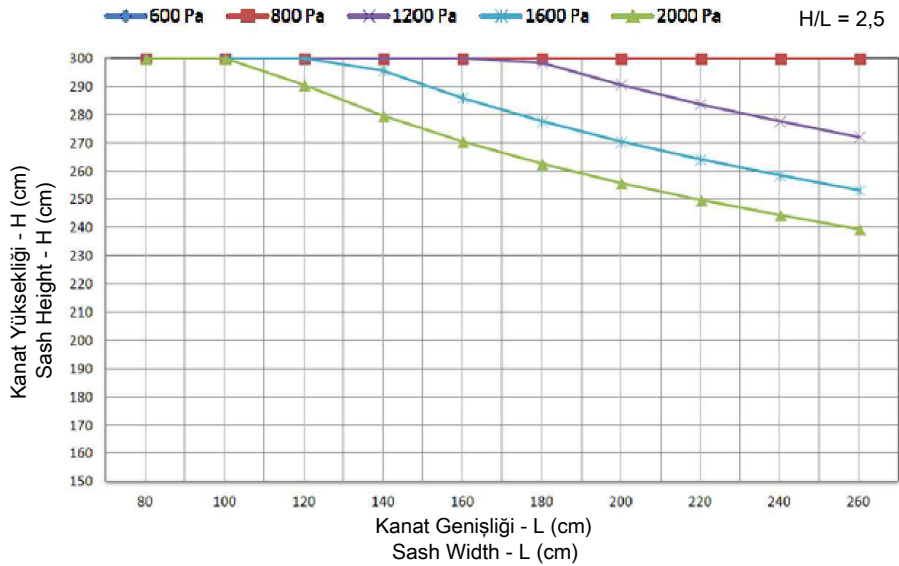
SP.S50.00.08

Statik Diyagramlar / Static Diagrams



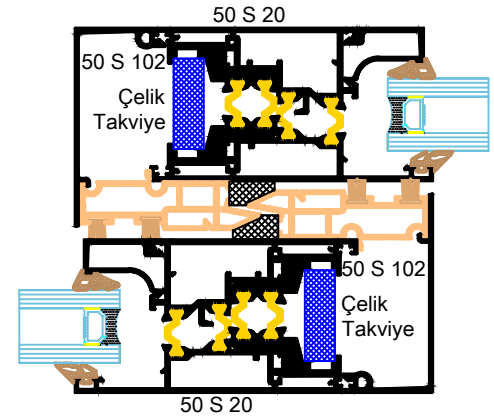
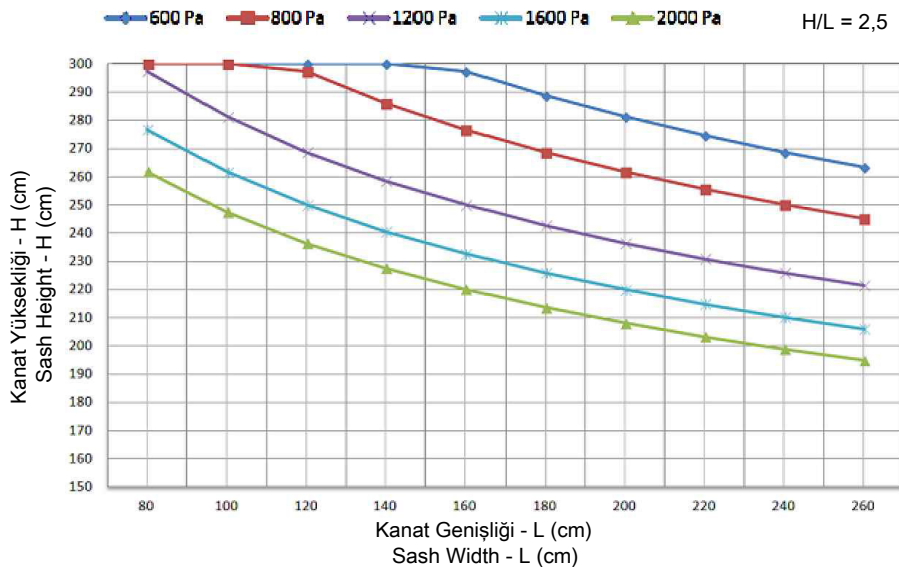
200 kg
300/400 kg

$J_x = 190,2 \text{ cm}^4$
 $J_y = 69,2 \text{ cm}^4$



200 kg
300/400 kg

$J_x = 192,2 \text{ cm}^4$
 $J_y = 68,7 \text{ cm}^4$

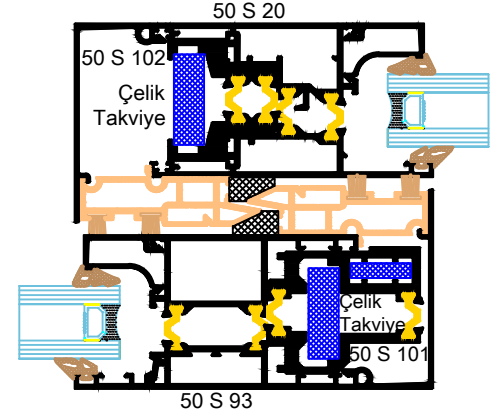
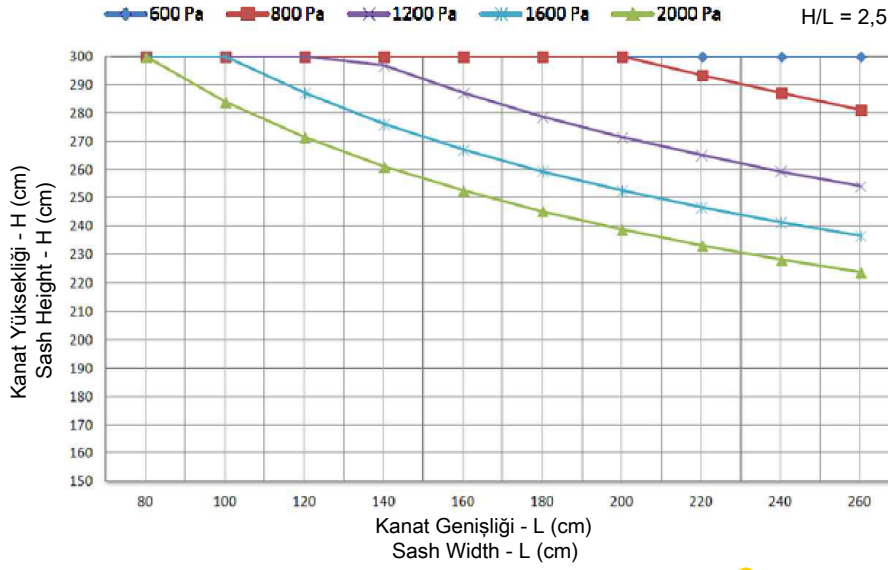


200 kg
300/400 kg

$J_x = 98,0 \text{ cm}^4$
 $J_y = 80,1 \text{ cm}^4$

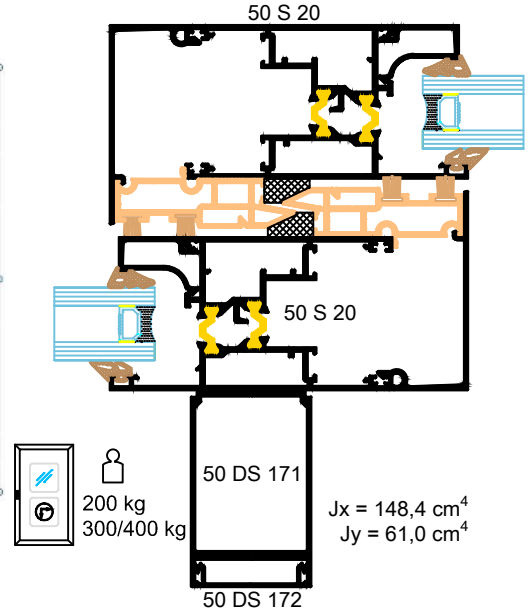
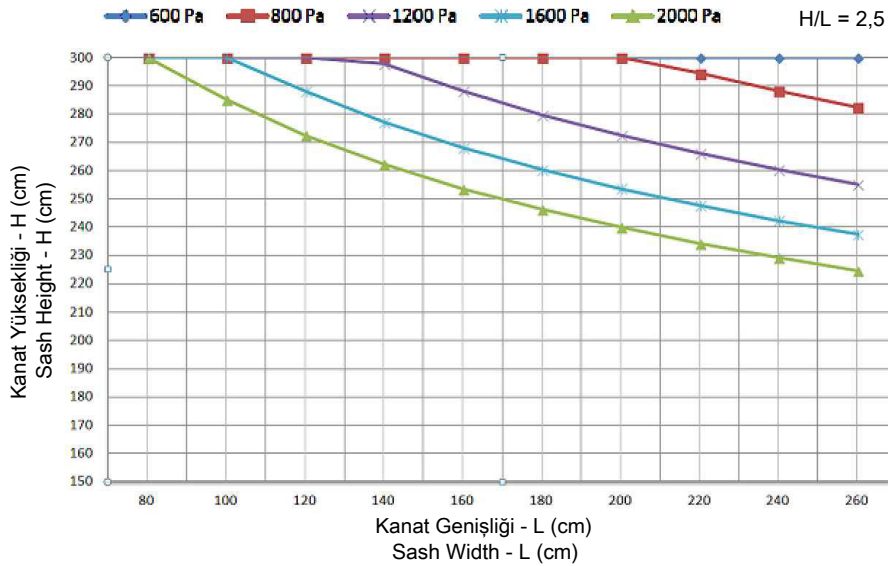
Ölçek Scale: 1/2,5

Statik Diyagramlar / Static Diagrams



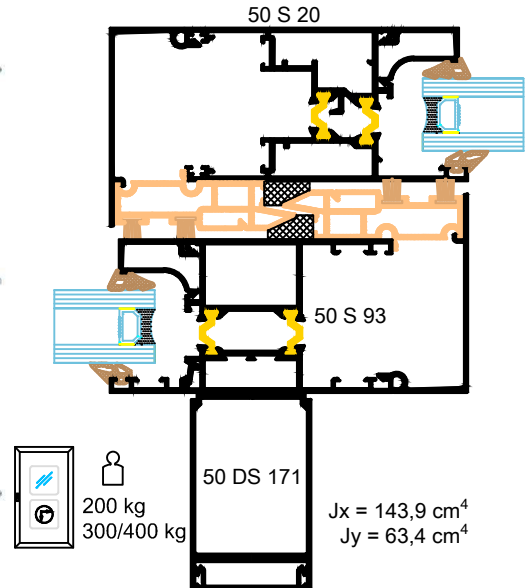
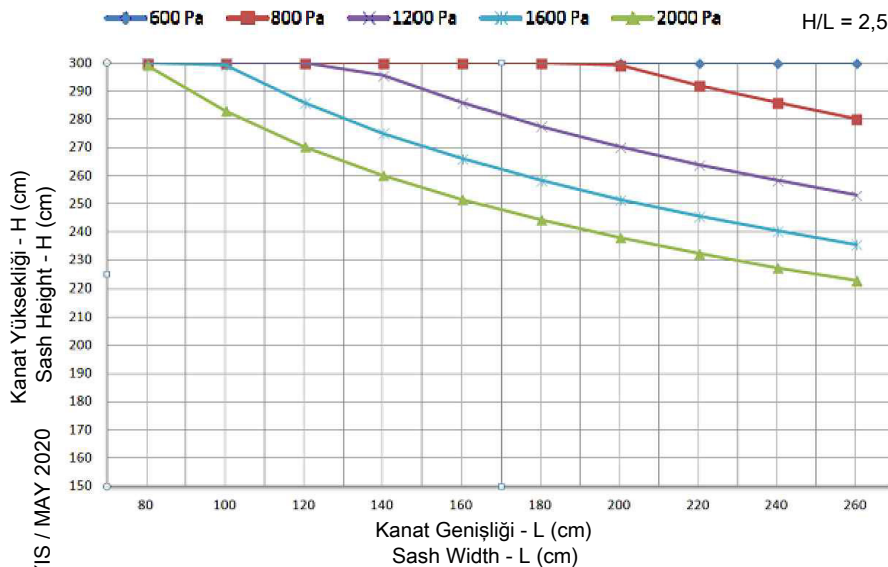
200 kg
300/400 kg

$J_x = 146,1 \text{ cm}^4$
 $J_y = 65,6 \text{ cm}^4$



200 kg
300/400 kg

$J_x = 148,4 \text{ cm}^4$
 $J_y = 61,0 \text{ cm}^4$



200 kg
300/400 kg

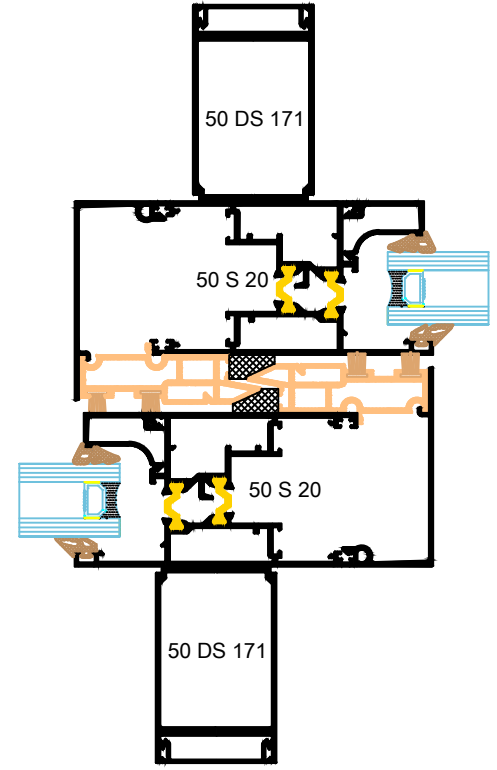
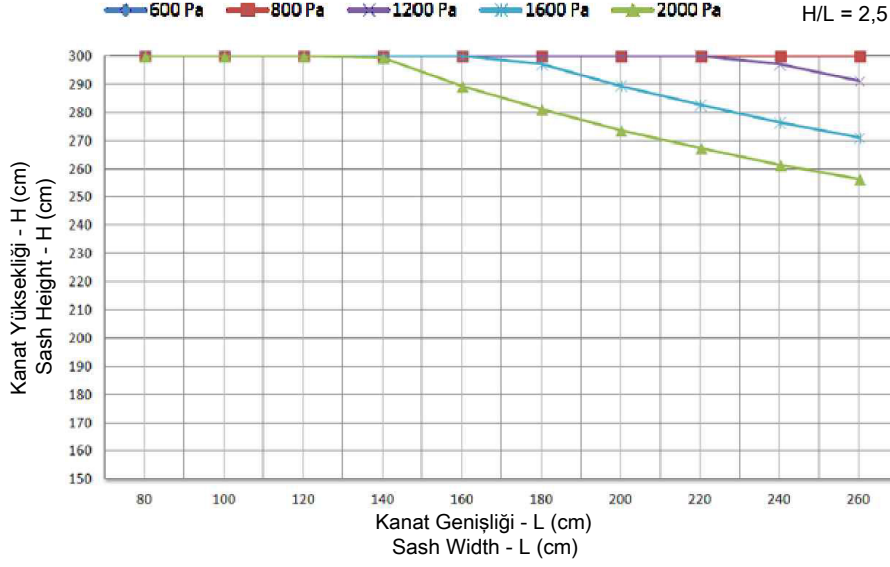
$J_x = 143,9 \text{ cm}^4$
 $J_y = 63,4 \text{ cm}^4$

Ölçek Scale: 1/2,5

ÇUHADAROĞLU

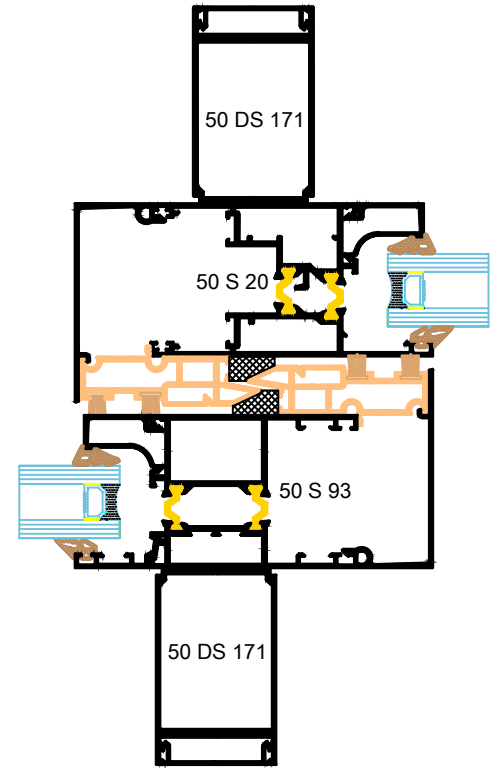
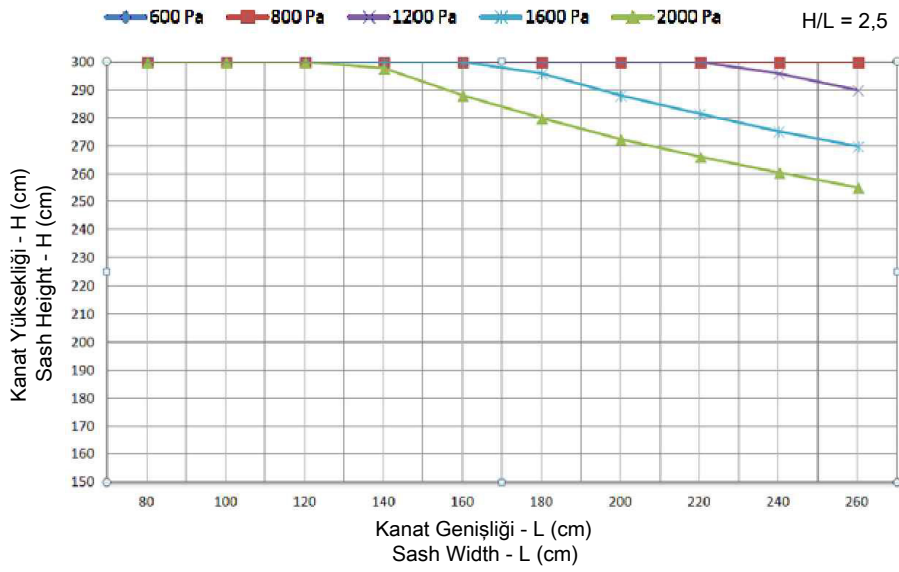
SP.S50.00.08

Statik Diyagramlar / Static Diagrams



200 kg
300/400 kg

$J_x = 251,9 \text{ cm}^4$
 $J_y = 80,1 \text{ cm}^4$

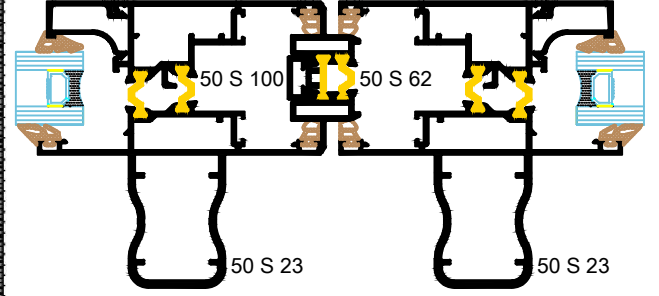
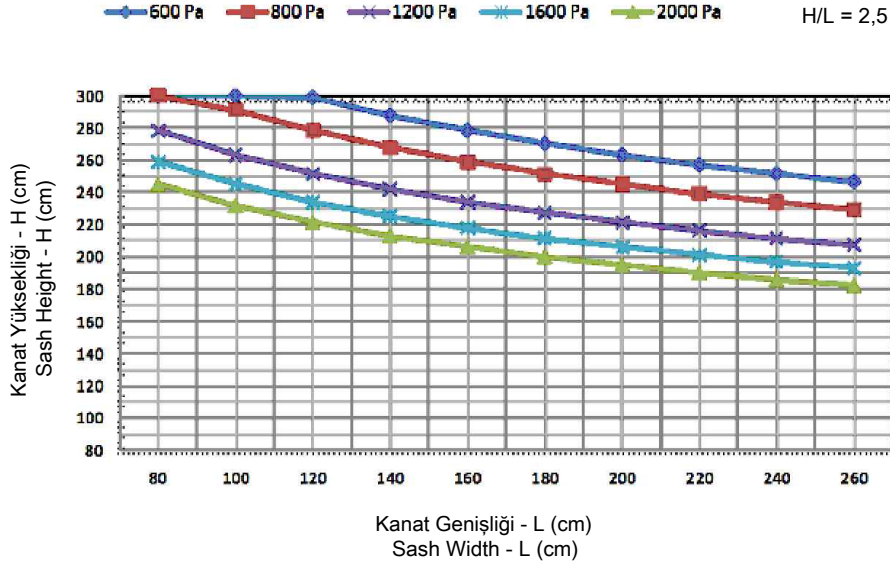


200 kg
300/400 kg

$J_x = 247,4 \text{ cm}^4$
 $J_y = 82,5 \text{ cm}^4$

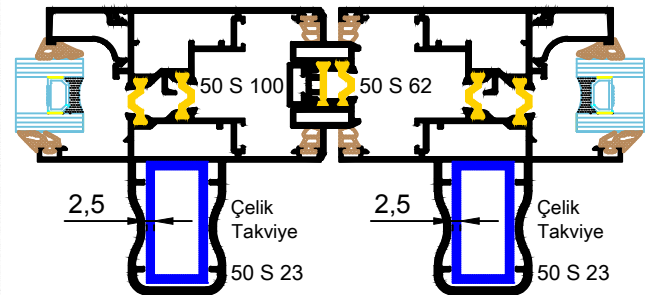
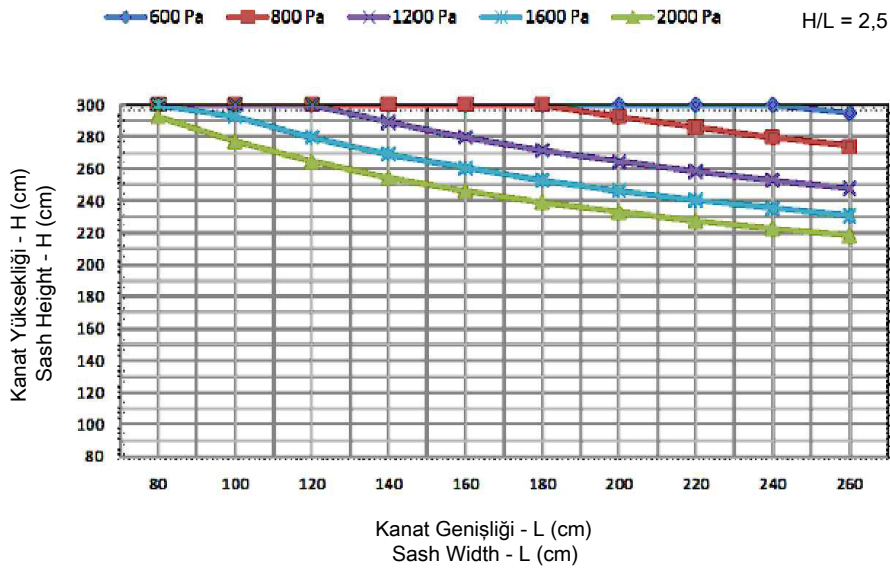
Ölçek Scale: 1/2,5

Statik Diyagramlar / Static Diagrams



200 kg
300/400 kg

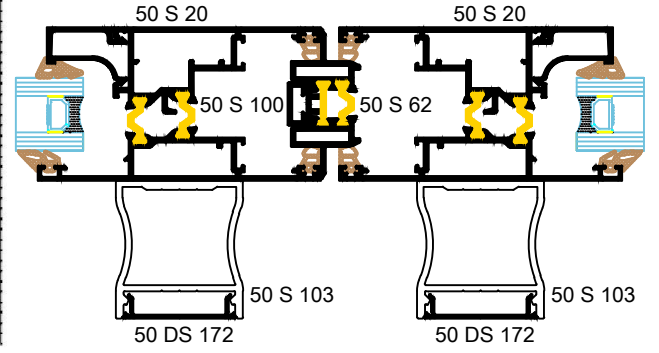
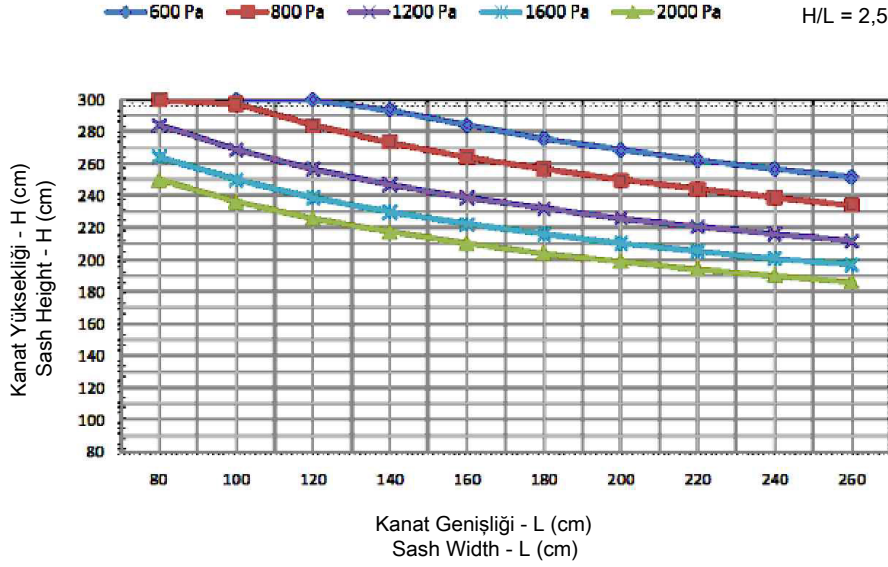
$J_x = 164,3 \text{ cm}^4$
 $J_y = 108,8 \text{ cm}^4$



200 kg
300/400 kg

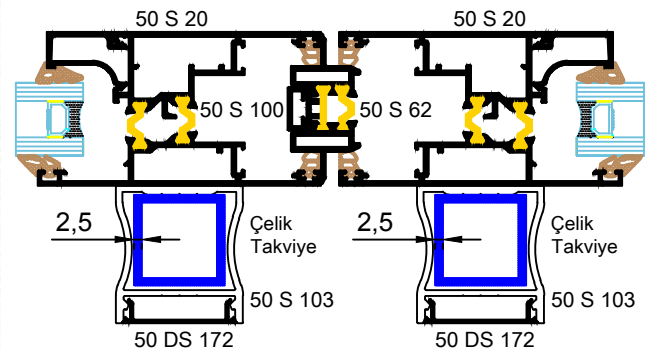
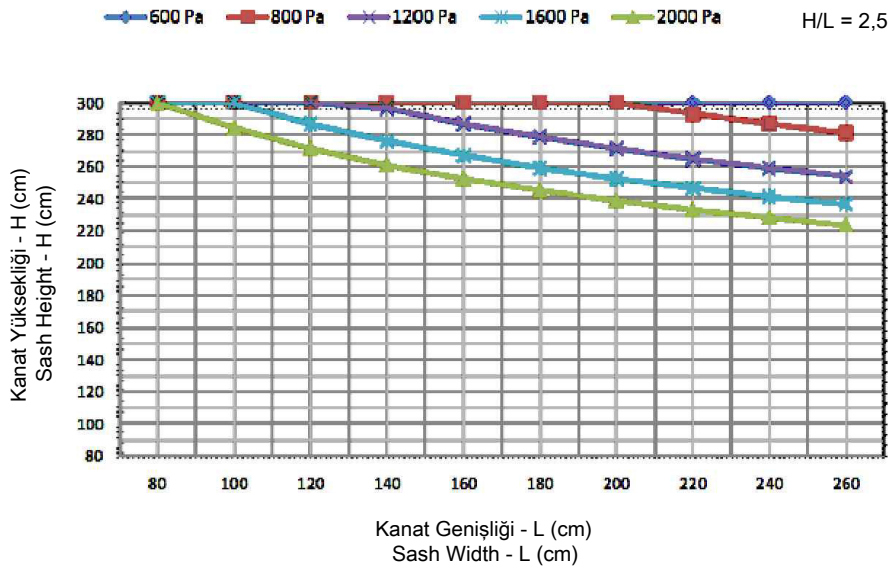
$J_x = 335,9 \text{ cm}^4$
 $J_y = 130,4 \text{ cm}^4$

Statik Diyagramlar / Static Diagrams



200 kg
300/400 kg

$J_x = 178,4 \text{ cm}^4$
 $J_y = 118,9 \text{ cm}^4$



200 kg
300/400 kg

$J_x = 371,2 \text{ cm}^4$
 $J_y = 160,6 \text{ cm}^4$

Ölçek Scale: 1/2,5

ÇUHADAROĞLU

10

TEST RAPORLARI
TEST REPORTS

FTI FASAD TEKNOLOJİ MERKEZİ / FTI Façade Testing Institute		 Test TS EN ISO/IEC 17025 AB-0531-T
Merkez / Head Office		
Barbaros Mah. Sarıcaç Sok. Ağaçoğlu My Prestige No:1/124 Aşgözü / İstanbul / TÜRKİYE Tel: +90 216 575 88 80 Fax: +90 216 575 89 21 mail: info@fti-europe.com		
Laboratuvar / Laboratory		
Çakıl Mahallesi Şehit Tamer Aydın Sok. No:76 34540 Çataca / İstanbul / TÜRKİYE Tel: +90 212 776 42 25 Fax: +90 212 776 40 55-59 mail: info@fti-europe.com		AB-0531-T
DENEY SERTİFİKASI / Test Certificate		02.01.2019
04.01.2019		

Müşterinin Adı ve Adresi / Customer's Name & Address: Çuhadaroğlu Metal Sanayi ve Pazarlama A.Ş.
Yakuplu Mah. Hürriyet Bulvarı No:6-8 Beylikdüzü / İstanbul / TÜRKİYE

Numunenin Adı ve Tanımı / Sample's Name & Description: Çuhadaroğlu S50 Thermally Insulated
Lift and Slide System (Outside Fixed Frame)

Numune Kabul Tarihi / Acceptance Date of Item: 20.12.2018
Referans No / Reference No: 2018.1051

Uygulanan Normlar / Norms Applied: TS EN 14351-1 +A1, TS EN 1026, TS EN 1027, TS EN 12211

Sonuçlar / Results:
Air Permeability - TS EN 12207 ; Class 4 (± 600 Pa)
Watertightness - TS EN 12208 ; Class E 1200 (1200 Pa)
Wind Resistance - TS EN 12210 ;
for positive pressure (frontal deflection < L/200) (1200 Pa) Class B3
for negative pressure (frontal deflection < L/300) (1200 Pa) Class C3
Resistance to Safety Load - TS EN 12210 ; OK (± 1800 Pa)

Test Tarihi / Date of Test: 02.01.2019
Sayfa Sayısı / Number of Pages: 1 / 29

Deney laboratuvarı olarak faaliyet gösteren FTI Fasad Teknoloji Merkezi, TÜRKAK 'tan AB-0531-T numarası ile TS EN ISO/IEC 17025 standardına göre akredite edilmiştir.
FTI Façade Testing Institute accredited by TURKAK under registration number AB-0531-T for TS EN ISO/IEC 17025 as test laboratory.

Türk Akreditasyon Kurumu (TÜRKAK) deney laboratuvarlarının tanınırılığı konusunda Avrupa Akreditasyon Birliği (EU) ile Çok Taraflı Anlaşma ve Uluslararası Laboratuvar Akreditasyon Birliği (ILAC) ile karşılıklı tanıma anlaşması imzalamıştır.
Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Deney ve/veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (olması halinde) ve deney metodları bu sertifikanın tamamlayıcı kısmı olan takip eden sayılarda verilmiştir. Bu sertifika yalnızca test edilen numuneye ait sonuçları içerir ve ekte sunulan ilgili test raporu ile birlikte geçerlidir.
The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages. This certificate includes the test results of the specimen which is identified above and its valid with the related test report.

Mühür / Seal: 

Tarih / Date: 04.01.2019

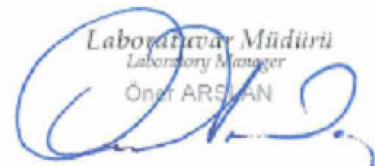
Test Faaliyetleri Yöneticisi / Testing Manager: Ayfer DİNCEL

Laboratuvar Müdürü / Laboratory Manager: Öner ARSLAN

F.LS.12 REY No: F.MART 2017

Bu rapor, laboratuvarın yazılı izni olmadan kısmen kopyalanıp çoğaltılamaz. İmzasız ve mührsüz raporlar geçersizdir.
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FTI FASAD TEKNOLOJİ MERKEZİ / FTI Façade Testing Institute Merkez / Head Office Barbaros Mah. Sarıca Sok. Ağaçlı My Prestige No:1/124 Alayunt / İstanbul / TÜRKİYE Tel: +90 216 575 88 80 Fax: +90 216 575 88 21 mail: info@fti-europe.com Laboratuvar / Laboratory Çakal Mahallesi Şehit Tağmen Tamer Aydın Sok. No:76 34540 Çatalca / İstanbul / TÜRKİYE Tel: +90 212 776 42 25 Fax: +90 212 776 40 58-59 mail: info@fti-europe.com		 Test TS EN ISO/IEC 17025 AB-0531-T AB-0331-T 028 12/5 1/2019 04.03.2019
 DENEY SERTİFİKASI / Test Certificate		
Müşterinin Adı ve Adresi / Customer's Name & Address: Çuhadaroğlu Metal Sanayi ve Pazarlama A.Ş. Yakuplu Mah. Hürriyet Bulvarı No:6-8 Beyliközü / İstanbul / TÜRKİYE		
Numunenin Adı ve Tanımı / Sample's Name & Description: S50 Thermally Insulated Lift and Slide Systems (Type C Outside Fixed)		
Numune Kabul Tarihi / Acceptance Date of Item: 28.02.2019 FTI Proje No / FTI Project No: 2019.1074		
Uygulanan Normlar / Norms Applied: TS EN 14351-1+A1, TS EN 1026, TS EN 1027, TS EN 12211		
Sonuçlar / Results: Air Permeability - TS EN 12207; Class 4 (± 600 Pa) Waterlightness - TS EN 12208; Class E 1200 (1200 Pa) Wind Resistance - TS EN 12210; for positive pressure (frontal deflection < L/300) (1200 Pa) Class C3 for negative pressure (frontal deflection < L/300) (1200 Pa) Class C3 Resistance to Safety Load - TS EN 12210; OK (± 1800 Pa)		
Test Tarihi / Date of Test: 01.03.2019 Sayfa Sayısı / Number of Pages: 1 / 33		
Deney laboratuvarı olarak faaliyet gösteren FTI Fasad Teknoloji Merkezi, TÜRKAK'tan AB-0531-T numarası ile TS EN ISO/IEC 17025 standardına göre akredite edilmiştir. FTI Façade Testing Institute accredited by TÜRKAK under registration number AB-0531-T for TS EN ISO/IEC 17025 as test laboratory. Türk Akreditasyon Kurumu (TÜRKAK) deney laboratuvarlarının tanınırılığı konusunda Avrupa Akreditasyon Birliği (EA) ile Çok Taraflı Anlaşma ve Uluslararası Laboratuvar Akreditasyon Birliği (ILAC) ile karşılıklı tanıma anlaşması imzalanmıştır. Turkish Accreditation Agency (TÜRKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports. Deney ve/veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (olması halinde) ve deney metotları bu sertifikanın tamamlayıcı kısmı olan takip eden sayfalarda verilmiştir. Bu sertifika yalnızca test edilen numuneye ait sonuçları içerir ve ekte sunulan ilgili test raporları ile birlikte geçerlidir. The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages. This certificate includes the test results of the specimen which is identified above and its valid with the related test report.		
	Tarih / Date: 04.03.2019 Hazırlayan / Prepared by: Ayfer DİNCEL Onaylayan / Approved by: Öner ARSLAN Test Mühendisi / Testing Engineer: Laboratuvar Müdürü / Laboratory Manager:	
FTS22 REV NO: G 03/2019		

FTI FASAD TEKNOLOJİ MERKEZİ / FTI Façade Testing Institute		 Test TS EN ISO/IEC 17025 AB-0531-T AB-0531-T 020.1026.1/2018 24/01/2018
Merkez / Head Office Barbaros Mah. Sarıca Sok. Ağaoğlu My Prestige No:1/124 Ağaçlır / İstanbul / TÜRKİYE Tel: +90 216 575 88 80 Fax: +90 216 575 89 21 mail: info@fti-europe.com		
Laboratuvar / Laboratory Çakal Mahallesi Şehit Tamer Aydın Sok. No:76 34040 Çatalca / İstanbul / TÜRKİYE Tel: +90 212 778 42 25 Fax: +90 212 778 48 58-59 mail: info@fti-europe.com		
 DENEY SERTİFİKASI / Test Certificate		
Müşterinin Adı ve Adresi / Customer's Name & Address: Çuhadaroğlu Metal Sanayi ve Pazarlama A.Ş. Yakuplu Mah. Hürriyet Bulvarı No: 6-8 Beylikdüzü / İstanbul / TURKEY		
Numunenin Adı ve Tanımı / Sample's Name & Description: Çuhadaroğlu S50 Thermally Insulated Lift and Slide System (Two Openable Sash)		
Numune Kabul Tarihi / Acceptance Date of Item: 12/01/2018		Referans No / Reference No: 2018.952
Uygulanan Normlar / Norms Applied: TS EN 14351-1+A1, TS EN 1026, TS EN 1027, TS EN 12211		
Sonuçlar / Results: Air Permeability - TS EN 12207 ; Class 4 (± 600 Pa) Watertightness - TS EN 12208 ; Class E 1200 (1200Pa) Wind Resistance - TS EN 12210 ; for positive pressure (frontal deflection $< L/150$) (1200 Pa) Class A3 for negative pressure (frontal deflection $< L/200$) (800 Pa) Class B2		
Test Tarihi / Date of Test: 15-16/01/2018		Sayfa Sayısı / Number of Pages: 1/28
Deney laboratuvarı olarak faaliyet gösteren FTI Fasad Teknoloji Merkezi, TÜRKAK 'tan AB-0531-T numarası ile TS EN ISO/IEC 17025 standardına göre akredite edilmiştir. FTI Façade Testing Institute accredited by TURKAK under registration number AB-0531-T for TS EN ISO/IEC 17025 as test laboratory.		
Türk Akreditasyon Kurumu (TÜRKAK) deney laboratuvarlarının tanınması konusunda Avrupa Akreditasyon Birliği (EU) ile Çok Taraflı Anlaşma ve Uluslararası Laboratuvar Akreditasyon Birliği (ILAC) ile karşılıklı tanıma anlaşmaları imzalanmıştır. Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.		
Deney ve/veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (olması halinde) ve deney metodları bu sertifikanın tamamlayıcı kısmı olan takip eden sayfalarda verilmiştir. Bu sertifika yalnız test edilen numuneye ait sonuçları içerir ve ekte sunulan ilgili test raporu ile birlikte geçerlidir. The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages. This certificate includes the test results of the specimen which is identified above and its valid with the related test report.		
	Tarih / Date: 24/01/2018	Test Faaliyetleri Yöneticisi / Testing Manager:  Şaban BAYRAKTAR
		Laboratuvar Müdürü / Laboratory Manager:  Öner ARSLAN
F.LS.22 REV NO: F.MART 2017		
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11

SON KULLANICI GÜVENLİK BİLGİLERİ

SAFETY INFORMATION FOR END-USERS

Kaza, yaralanma ve malzeme hasarlarından kaçınmak için, aşağıdaki semboller ve açıklamalara uyunuz!

Comply with the following symbols and their meanings in order to avoid accidents, injuries and material damage!

Aşağıdaki semboller pencere ve balkon kapılarında son kullanıcıları korumak için kullanılabilir. Her zaman bu sembolleri okunabilir durumda tutunuz. Lütfen Etiketleri ayrı ayrı sipariş ediniz!

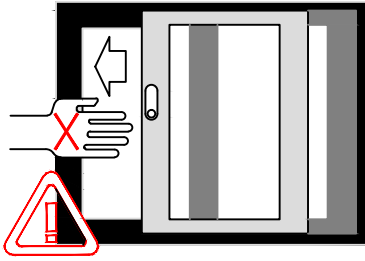
The Following symbols can be used on windows and balcony doors to protect the end-user. Always keep these symbols in a clearly legible state. Please order stickers separately!



TEHLİKE / DANGER !

Açık Pencere ve Balkon Kapılarında Düşme Tehlikesi;
Açık Pencere ve balkon kapıları civarında dikkatli olunuz.
Çocukları ve tehlikeyi kestiremeyecek kişileri tehlikeli bölgeden uzak tutunuz.

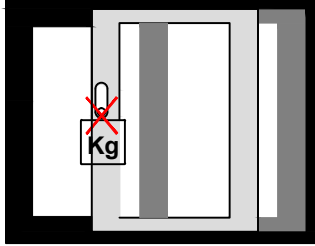
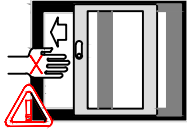
Danger of injury from falling through open windows and balcony doors;
Behave with care near to open windows and balcony doors
Keep children and people who cannot estimate the dangers away from the point of danger



UYARI / WARNING !

Vücut kısımlarının kanat ve çerçeve arasındaki boşluğa sıkışabilmesi sebebiyle yaralanma tehlikesi;
Pencere ve balkon kapılarını kapatırken pencere ve kanada asla uzanmayın, ve her zaman dikkatli (titinalı) olunuz.
Çocukları ve tehlikeyi kestiremeyecek kişileri tehlikeli bölgeden uzak tutunuz.

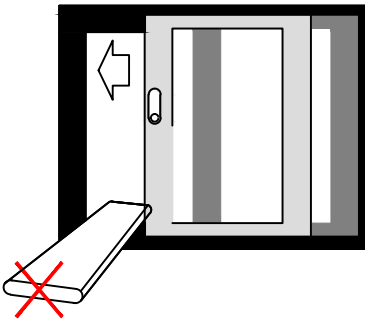
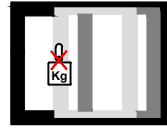
Danger of injury from falling through trapping of body parts in the opening gap between sash and frame
When closing windows and balcony doors, never reach between sash and frame, and always act with care
Keep children and people who cannot estimate the dangers away from the point of danger



UYARI / WARNING !

Kanadı aşırı yüklemekten dolayı malzeme hasarı ve yaralanma tehlikesi;
Kanadı aşırı yüklemeyiniz. !

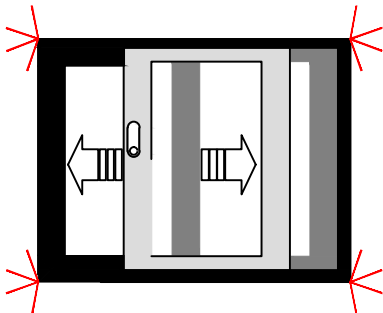
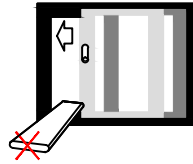
Danger of injury and material damage from overloading the sash
Do not overload the sash



DİKKAT / CAUTION !

Kanat ve çerçeve arasına engeller koyulması sebebiyle malzeme hasarı ve yaralanma tehlikesi; Kanat ve çerçeve arasına engel koymayınız. !

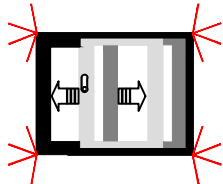
Danger of injury and material damage from insertion of obstructions into the opening gap between sash and frame
Do not insert obstructions into the opening gap between sash and frame



DİKKAT / CAUTION !

Kanadın kontrolsüz açılıp kapanmasıyla hasar ve yaralanma
Tamamen açılıp kapanana kadar, hareketi boyunca kanadın elle yavaş bir şekilde sürülmesini sağlayınız.

Injury and property damage from uncontrolled opening and closing of the sash
Ensure that the sash is guided slowly by hand throughout the entire range of movement as far as the fully opened or closed position.



NOT / NOTE