

F50-CLASSIC

GIYDİRME CEPHE SİSTEMİ
CURTAIN WALL SYSTEM



ALUWAY

TEKNİK ÖZELLİKLER

TECHNICAL PROPERTIES



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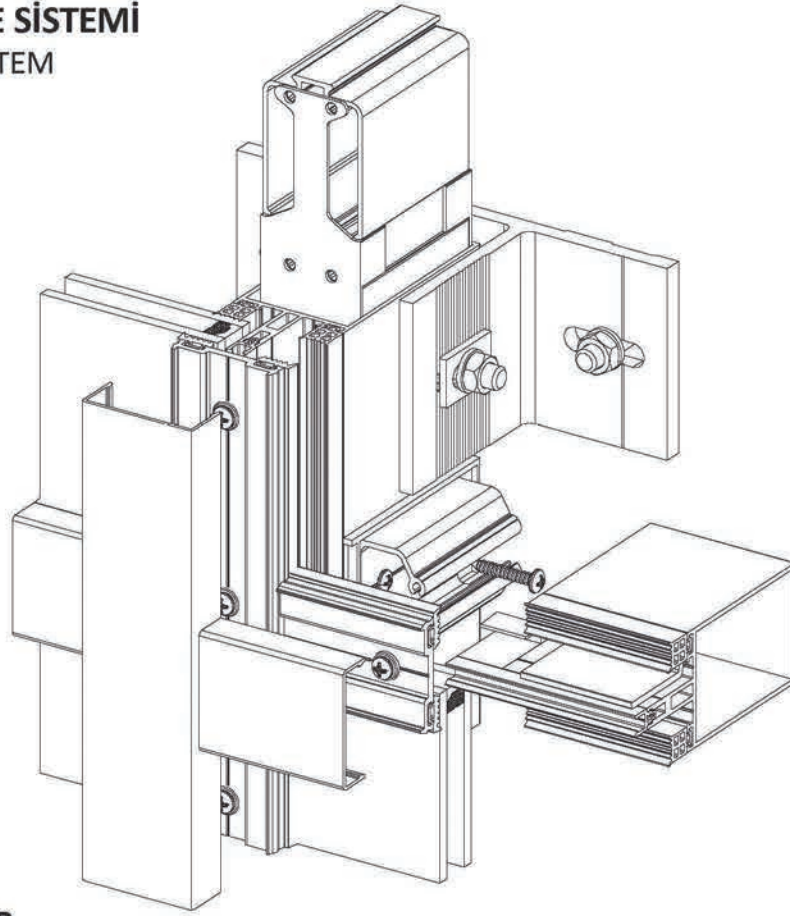
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GIYDIRME CEPHE SİSTEMİ CURTAIN WALL SYSTEM



TEKNİK ÖZELLİKLER TECHNICAL PROPERTIES

PROFİL GENİŞLİKLERİ / PROFILE WIDTHS :	50 mm
DİKME DERİNLİKLERİ / MULLION DEPTHS :	35,55,75,95,115,135,155,175,195
KAYIT DERİNLİKLERİ / TRANSOM DEPTHS :	35,55,75,95,115,135,155,175,195
PROFİL ET KALINLIĞI / PROFILE WALL THICKNESS :	1,4 mm - 2,1 mm
MAX. CAM KALINLIĞI / MAX. GLASS THICKNESS :	40 mm
ISI BARIYERLERİ / INSULATION BARS :	4 mm - 28 mm
ISI YALITIM DEĞERİ (Uf) / THERMAL INS. VALUE (Uf) :	2,33 W/m ² K - 5,14 W/m ² K

KULLANIM SEÇENEKLERİ APPLICATION ALTERNATIVES

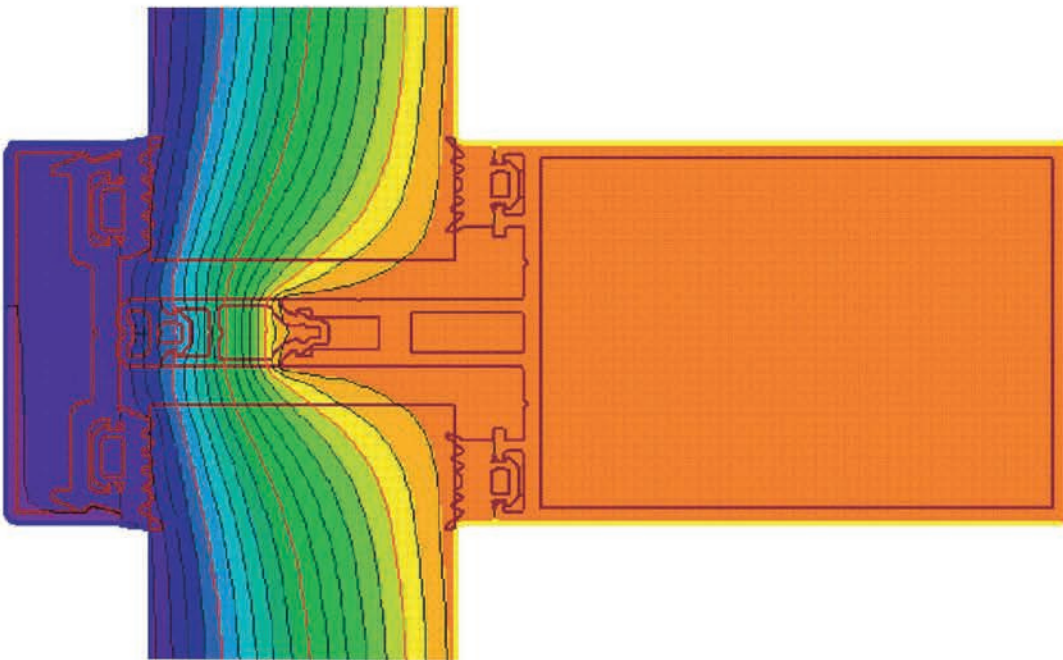
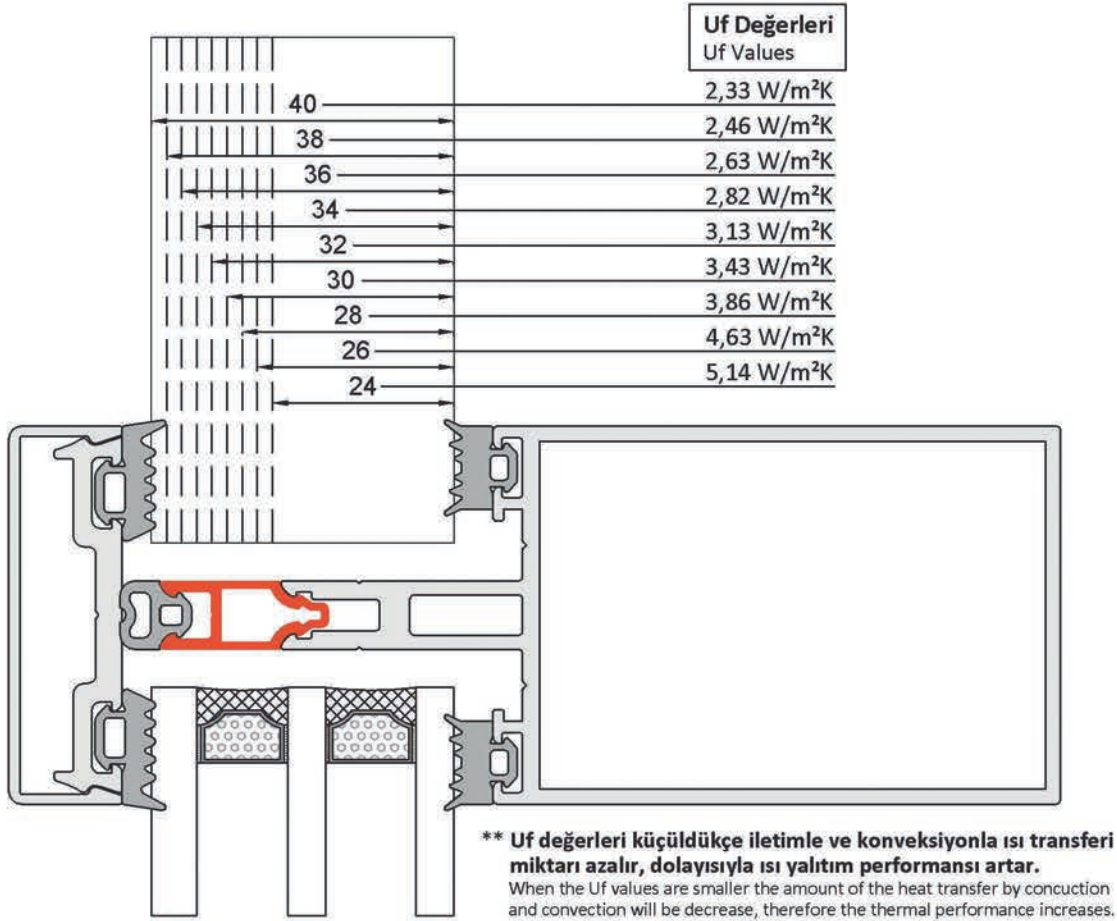
KAPAKLI CEPHE / CAPPED CURTAIN WALL :	●
SİLİKON DERZLİ CAM CEPHE / FOUR SIDED SILICONE CURTAIN WALL :	●
YARI KAPAKLI CEPHE / TWO SIDED CURTAIN WALL :	●
KASETLİ SİLİKON CEPHE / SILICONE C.W WITH STRUCTURAL CELLS :	●
DIŞA TERS VASİSTAS G.K. / TOP HUNG OUTWARD OPENING HIDDEN VENT :	●

ISI YALITIM DEĞERLERİ

THERMAL INSULATION VALUES

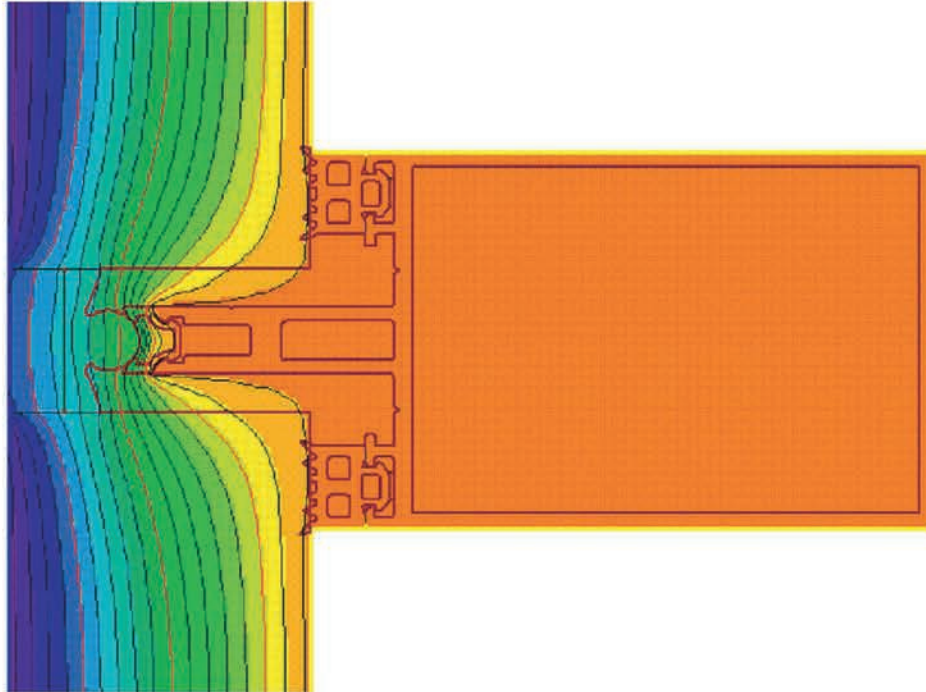
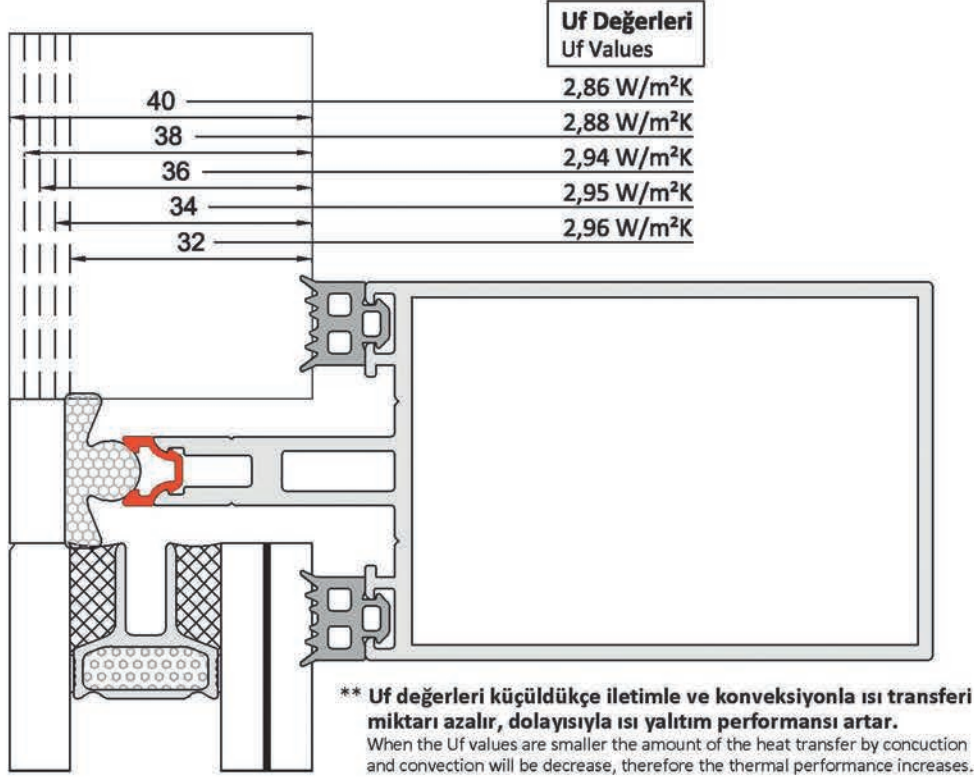
KAPAKLI CEPHEDE CAM KALINLIĞINA BAĞLI Uf DEĞERLERİ

UF VALUES ACCORDING TO THE GLASS THICKNESS IN CAPPED CURTAIN WALL



ISI YALITIM DEĞERLERİ THERMAL INSULATION VALUES

SİLİKON DERZLİ CAM CEPHEDE CAM KALINLIĞINA BAĞLI Uf DEĞERLERİ Uf VALUES ACCORDING TO THE GLASS THICKNESS IN FOUR SIDED SILICONE CURTAIN WALL

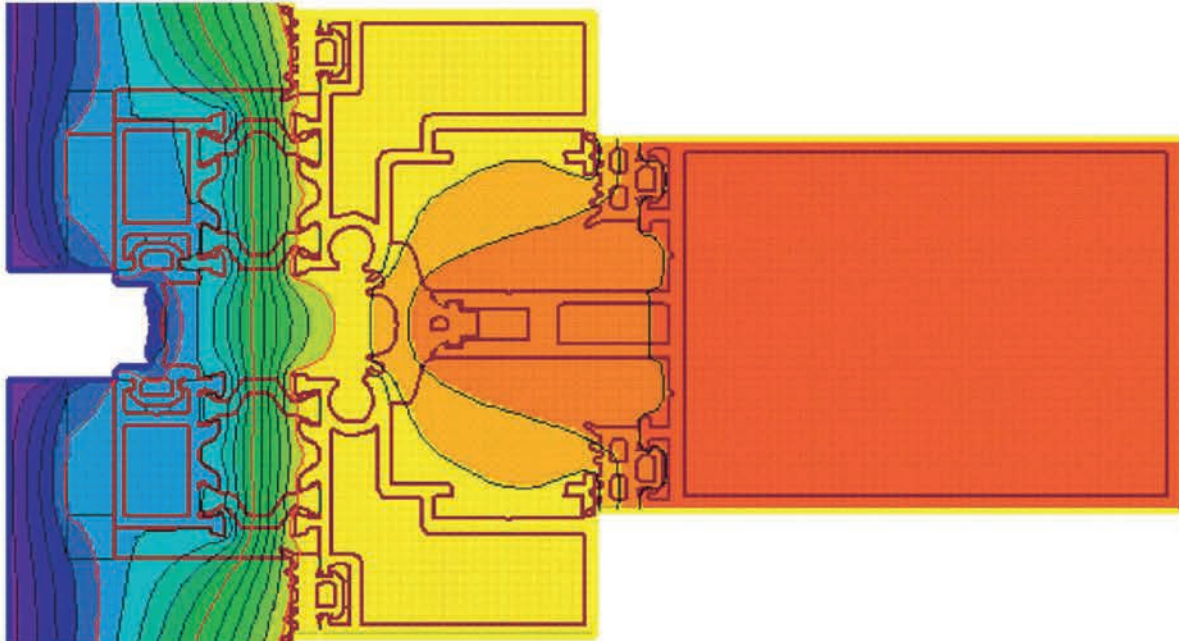
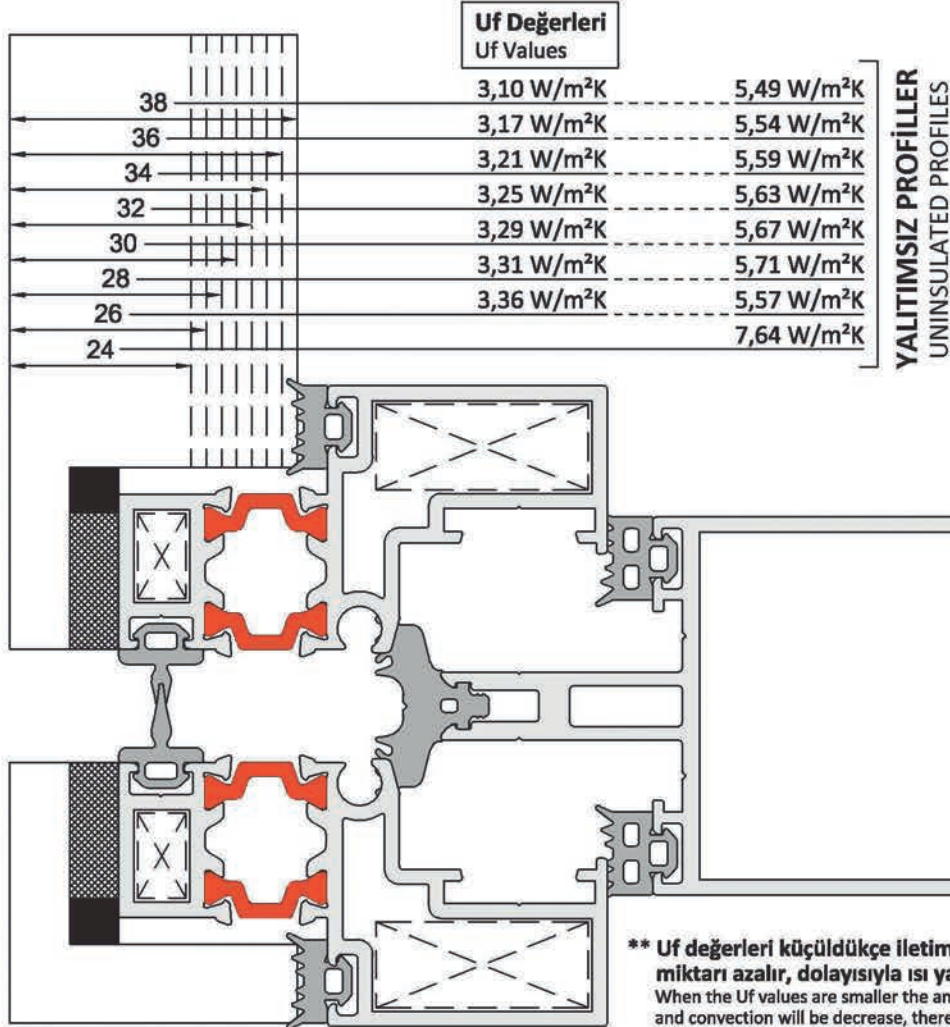


ISI YALITIM DEĞERLERİ

THERMAL INSULATION VALUES

KASETLİ SİLİKON CEPHEDE CAM KALINLIĞINA BAĞLI Uf DEĞERLERİ

Uf VALUES ACCORDING TO THE GLASS THICKNESS IN SILICONE C.W. WITH STRUCTURAL CELLS



HAVA-SU-RÜZGAR PERFORMANS TEST SONUÇLARI - 1

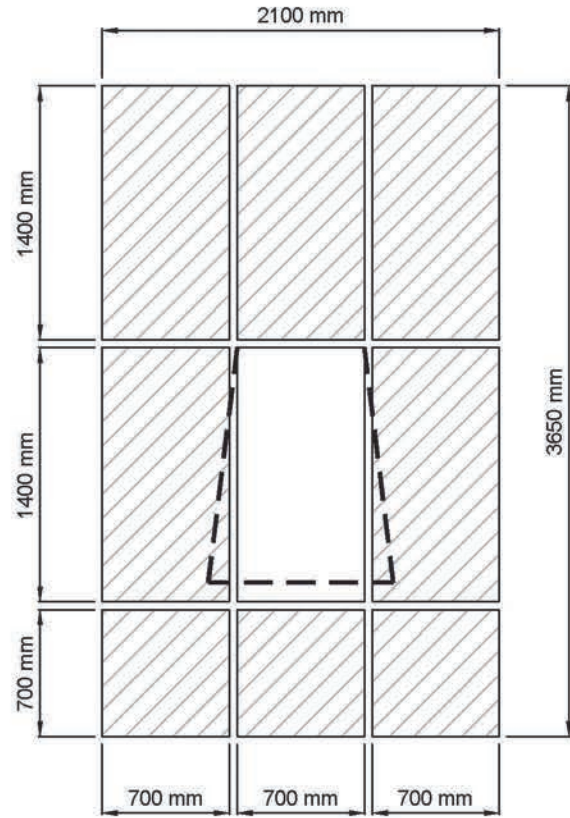
AIR-WATER-WIND PERFORMANCE TEST RESULTS - 1

- F50-Classic kapaklı cephe sistemiyle gerçekleştirilen hava-su-rüzgar performans test sonuçlarıdır.
There are the air-water-wind performance test results with the F50-Classic capped curtain wall system.



Test Numunesinin Ebatları

Test Sample Dimensions



Kapaklı Cephe / Capped Curtain Wall

Genişlik / Width: 2150 mm

Yükseklik / Height: 3650 mm

KAPAKLI CEPHE TEST SONUÇLARI

CAPPED CURTAIN WALL TEST RESULTS

HAVA GEÇİRGENLİĞİ - EN 12152
(AIR PERMEABILITY)

A1
(150 Pa)

A2
(300 Pa)

A3
(450 Pa)

A4
(600 Pa)

AE
(750 Pa)

SU SIZDIRMAZLIĞI - EN 12154
(WATERTIGHTNESS)

R4
(150 Pa)

R5
(300 Pa)

R6
(450 Pa)

R7
(600 Pa)

RE...
(750+ Pa)

RE1500
(1500 Pa)

RÜZGAR YÜKÜNE DAYANIM - EN 13116
(RESISTANCE TO WIND LOAD)

2000 Pa (Emniyet Testi: 3000 Pa)

** Akredite kuruluştan onaylı orijinal belge görseline kataloğun sonundaki "sertifikalar" bölümünden ulaşılabilir. / Paper image approved from accredited society can be reached at the end of the catalogue "certificates" section.

* Daha detaylı bilgi için, lütfen test raporlarını isteyiniz. / For further information, please ask for the test report s.

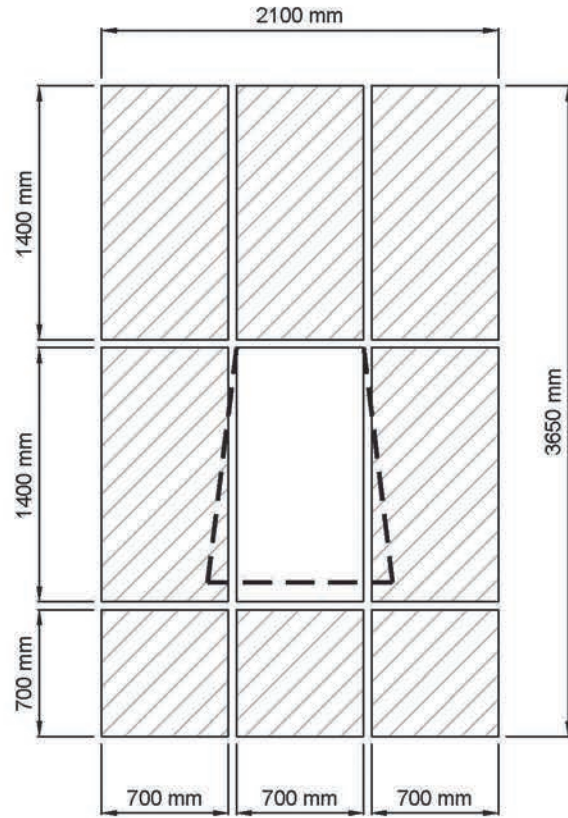
HAVA-SU-RÜZGAR PERFORMANS TEST SONUÇLARI - 2

AIR-WATER-WIND PERFORMANCE TEST RESULTS - 2

- F50-Classic silikon derzli cam cephe sistemiyle gerçekleştirilen hava-su-rüzgar performans test sonuçlarıdır.
There are the air-water-wind performance test results with the F50-Classic four sided silicone curtain wall system.

Test Numunesinin Ebatları

Test Sample Dimensions



Silikon Cam Cephe / Foursided Curtain Wall
Genişlik / Width: **2150 mm**
Yükseklik / Height: **3650 mm**

SİLİKON DERZLİ CAM CEPHE TEST SONUÇLARI

FOUR SIDED SILICONE CURTAIN WALL TEST RESULTS

HAVA GEÇİRGENLİĞİ - EN 12152
(AIR PERMEABILITY)

A1
(150 Pa)

A2
(300 Pa)

A3
(450 Pa)

A4
(600 Pa)

AE
(750 Pa)

SU SIZDIRMAZLIĞI - EN 12154
(WATERTIGHTNESS)

R4
(150 Pa)

R5
(300 Pa)

R6
(450 Pa)

R7
(600 Pa)

RE...
(750+ Pa)

RE1200
(1200 Pa)

RÜZGAR YÜKÜNE DAYANIM - EN 13116
(RESISTANCE TO WIND LOAD)

2000 Pa (Emniyet Testi: 3000 Pa)

** Akredite kuruluştan onaylı orijinal belge görseline kataloğun sonundaki "sertifikalar" bölümünden ulaşılabilir. / Paper image approved from accredited society can be reached at the end of the catalogue "certificates" section.

* Daha detaylı bilgi için, lütfen test raporlarını isteyiniz. / For further information, please ask for the test report s.

PROFIL LISTESI

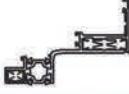
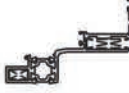
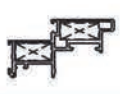
PROFILE LIST



PROFİL FİHRİSTİ / PROFILE INDEX

PROFİL NUM. PROFILE NO.	TANIM DESCRIPTION	çizim DRAWING	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
FP201	DİKME PROFİLİ (35 mm/1.4 mm) MULLION PROFILE		1,150	16
FP202	DİKME PROFİLİ (35 mm/2 mm) MULLION PROFILE		1,320	16
FP203	DİKME PROFİLİ (55 mm/1.4 mm) MULLION PROFILE		1,327	16
FP204	DİKME PROFİLİ (55 mm/2 mm) MULLION PROFILE		1,562	16
FP205	DİKME PROFİLİ (75 mm/1.4 mm) MULLION PROFILE		1,479	17
FP206	DİKME PROFİLİ (75 mm/2 mm) MULLION PROFILE		1,779	17
FP207	DİKME PROFİLİ (95 mm/1.4 mm) MULLION PROFILE		1,631	17
FP208	DİKME PROFİLİ (95 mm/2 mm) MULLION PROFILE		1,995	17
FP209	DİKME PROFİLİ (115 mm/1.4 mm) MULLION PROFILE		1,834	18
FP210	DİKME PROFİLİ (115 mm/2 mm) MULLION PROFILE		2,262	18
FP211	DİKME PROFİLİ (135 mm/1.6 mm) MULLION PROFILE		2,127	19
FP212	DİKME PROFİLİ (135 mm/2 mm) MULLION PROFILE		2,479	19
FP213	DİKME PROFİLİ (155 mm/1.7 mm) MULLION PROFILE		2,378	20
FP214	DİKME PROFİLİ (155 mm/2 mm) MULLION PROFILE		2,696	20
FP215	DİKME PROFİLİ (175 mm/1.8 mm) MULLION PROFILE		2,653	21

PROFİL FİHRİSTİ / PROFILE INDEX

PROFİL NUM. PROFILE NO.	TANIM DESCRIPTION	ÇİZİM DRAWING	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
FP216	DİKME PROFİLİ (175 mm/2 mm) MULLION PROFILE		2,912	21
FP217	DİKME PROFİLİ (195 mm/2.1 mm) MULLION PROFILE		3,206	22
FP225	KÖŞE DÖNÜŞ PROFİLİ (75 mm) CORNER PROFILE		2,566	23
FP301	YALITIMSIZ KASA PROFİLİ UNINSULATED FRAME PROFILE		1,053	23
FP302	YALITIMLI KASA PROFİLİ INSULATED FRAME PROFILE		1,235	23
FP303	YALITIMLI KASA PROFİLİ INSULATED FRAME PROFILE		1,256	24
FP304	YALITIMLI KASA PROFİLİ INSULATED FRAME PROFILE		1,272	24
FP326	YALITIMSIZ KANAT PROFİLİ UNINSULATED VENT PROFILE		0,903	23
FP327	YALITIMSIZ KANAT PROFİLİ UNINSULATED VENT PROFILE		1,035	24
FP328	YALITIMLI KANAT PROFİLİ INSULATED VENT PROFILE		1,236	24
FP351	YALITIMSIZ KASET PROFİLİ (1.5mm) UNINSULATED STRUCTURAL CELL		0,870	25
FP352	YALITIMSIZ KASET PROFİLİ (2mm) UNINSULATED STRUCTURAL CELL		1,017	25
FP353	YALITIMSIZ KASET PROFİLİ (1.5mm) UNINSULATED STRUCTURAL CELL		0,977	25
FP354	YALITIMSIZ KASET PROFİLİ (2mm) UNINSULATED STRUCTURAL CELL		1,153	25
FP355	YALITIMLI KASET PROFİLİ (1.5mm) INSULATED STRUCTURAL CELL		1,207	26

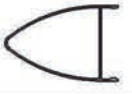
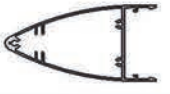
PROFİL FİHRİSTİ / PROFILE INDEX

PROFİL NUM. PROFILE NO.	TANIM DESCRIPTION	ÇİZİM DRAWING	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
FP356	YALITIMLI KASET PROFİLİ (2mm) INSULATED STRUCTURAL CELL		1,382	26
FP357	SPANDREL KASET PROFİLİ SPANDREL STRUCTURAL CELL		0,570	26
FP358	SPANDREL KASET PROFİLİ SPANDREL STRUCTURAL CELL		0,645	26
FP359	SPANDREL BÖLGE PANEL PROFİLİ PANEL PROFILE FOR SPANDREL AREA		0,437	27
FP361	SPANDREL BÖLGE PANEL PROFİLİ PANEL PROFILE FOR SPANDREL AREA		0,468	27
FP376	CAM ARASI KİTLEME PROFİLİ LOCKING PR. FOR DOUBLE GLAZED GLASS		0,251	34
FP390	CAM ALTI DESTEK PROFİLİ GLAZING SUPPORT PROFILE		0,277	34
FP391	CAM ALTI DESTEK PROFİLİ GLAZING SUPPORT PROFILE		0,308	34
FP392	CAM ALTI DESTEK PROFİLİ GLAZING SUPPORT PROFILE		0,338	34
FP393	CAM ALTI DESTEK PROFİLİ GLAZING SUPPORT PROFILE		0,368	34
FP395	CAM ALTI DESTEK PROFİLİ GLAZING SUPPORT PROFILE		0,406	34
FP396	KASET KİTLEME PROFİLİ LOCKING PR. FOR STRUCTURAL CELL		0,196	34
FP397	KASET KİTLEME PROFİLİ LOCKING PR. FOR STRUCTURAL CELL		0,192	34
FP398	20mm ÖZEL ISICAM ÇITASI 20mm SPECIAL GLASS SPACER		0,240	27
FP399	YAPIŞMA YÜZEY PROFİLİ BONDING SURFACE PROFILE		0,109	27

PROFİL FİHRİSTİ / PROFILE INDEX

PROFİL NUM. PROFILE NO.	TANIM DESCRIPTION	ÇİZİM DRAWING	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
FP400	KANAT CAM ALTI DESTEK PROFİLİ GLAZING SUPPORT PROFILE FOR VENT		0,078	34
FP401	KANAT CAM ALTI DESTEK PROFİLİ GLAZING SUPPORT PROFILE FOR VENT		0,117	34
FP402	KASET CAM ALTI DESTEK PROFİLİ GLAZING SUPPORT PROFILE FOR STR. CELL		0,205	34
FP426	BASKI KAPAK PROFİLİ PRESSURE CAP PROFILE		0,395	28
FP427	BASKI KAPAK PROFİLİ PRESSURE CAP PROFILE		0,496	28
FP428	BASKI KAPAK PROFİLİ PRESSURE CAP PROFILE		0,413	28
FP429	BASKI KAPAK PROFİLİ PRESSURE CAP PROFILE		0,494	28
FP430	BASKI KAPAK PROFİLİ PRESSURE CAP PROFILE		0,183	28
FP440	KAPAK PROFİLİ CAP PROFILE		0,043	28
FP441	KAPAK PROFİLİ (12 mm) CAP PROFILE		0,283	28
FP442	KAPAK PROFİLİ (15 mm) CAP PROFILE		0,308	28
FP443	KAPAK PROFİLİ (20 mm) CAP PROFILE		0,343	28
FP444	KAPAK PROFİLİ (25 mm) CAP PROFILE		0,403	28
FP445	KAPAK PROFİLİ (30 mm) CAP PROFILE		0,455	29
FP446	KAPAK PROFİLİ (50 mm) CAP PROFILE		0,745	29

PROFİL FİHRİSTİ / PROFILE INDEX

PROFİL NUM. PROFILE NO.	TANIM DESCRIPTION	ÇİZİM DRAWING	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
FP447	KAPAK PROFİLİ (75 mm) CAP PROFILE		0,954	29
FP448	KAPAK PROFİLİ (100 mm) CAP PROFILE		1,273	29
FP449	KAPAK PROFİLİ (150 mm) CAP PROFILE		2,065	30
FP450	KAPAK PROFİLİ (200 mm) CAP PROFILE		3,006	30
FP461	KAPAK PROFİLİ (18.5 mm) CAP PROFILE		0,262	31
FP462	KAPAK PROFİLİ (30 mm) CAP PROFILE		0,397	31
FP463	KAPAK PROFİLİ (50 mm) CAP PROFILE		0,611	29
FP464	KAPAK PROFİLİ (75 mm) CAP PROFILE		0,753	31
FP465	KAPAK PROFİLİ (75 mm) CAP PROFILE		0,879	31
FP466	KAPAK PROFİLİ (100 mm) CAP PROFILE		1,214	31
FP467	KAPAK PROFİLİ (150 mm) CAP PROFILE		1,885	32
FP468	KAPAK PROFİLİ (200 mm) CAP PROFILE		2,779	32
FP479	DIŞ KÖŞE DÖNÜŞ KAPAK PROFİLİ OUTER CORNER CAP PROFILE		1,804	33
FP480	İÇ KÖŞE BASKI KAPAK PROFİLİ INNER CORNER PRESSURE CAP PROFILE		0,384	33
FP481	İÇ KÖŞE DÖNÜŞ KAPAK PROFİLİ INNER CORNER CAP PROFILE		0,251	33

PROFİL FİHRİSTİ / PROFILE INDEX

PROFİL NUM. PROFILE NO.	TANIM DESCRIPTION	ÇİZİM DRAWING	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
FP482	AÇILI BASKI KAPAK PROFİLİ ANGULAR PRESSURE CAP PROFILE		0,527	33
FP483	AÇILI KAPAK PROFİLİ ANGULAR CAP PROFILE		0,562	33
FP484	AÇILI BASKI KAPAK PROFİLİ ANGULAR PRESSURE CAP PROFILE		0,614	33
FP485	AÇILI KAPAK PROFİLİ ANGULAR CAP PROFILE		0,674	33
FP489	AÇILI CAM ÇİTASI ANGULAR GLAZING BEAD		0,098	27
FP490	AÇILI CAM ÇİTASI ANGULAR GLAZING BEAD		0,105	27
FP491	AÇILI CAM ÇİTASI ANGULAR GLAZING BEAD		0,112	27
FP492	CAM ÇİTASI (6 mm) GLAZING BEAD		0,096	27
FP493	CAM ÇİTASI (14 mm) GLAZING BEAD		0,154	27
FP494	CAM ÇİTASI (16 mm) GLAZING BEAD		0,183	27
FP495	CAM ÇİTASI (18 mm) GLAZING BEAD		0,196	27
FP496	CAM ÇİTASI (20 mm) GLAZING BEAD		0,209	27
FP497	CAM ÇİTASI (22 mm) GLAZING BEAD		0,222	27
FP488	CAM ÇİTASI (24 mm) GLAZING BEAD		0,235	27
FP498	CAM ÇİTASI (30 mm) GLAZING BEAD		0,274	27

PROFİL FİHRİSTİ / PROFILE INDEX

PROFİL NUM. PROFILE NO.	TANIM DESCRIPTION	ÇİZİM DRAWING	AĞIRLIK WEIGHT (kg/m)	SAYFA PAGE
FP499	ADAPTÖR PROFİLİ ADAPTER PROFILE		0,329	28
FP500	TİJ PROFİLİ ROD PROFILE		0,096	27
FP501	DİLATASYON PROFİLİ DILATATION PROFILE		3,864	36
FP510	GÜNEŞ KIRICILAR İÇİN BAĞLANTI PR. CARRIER PROFILE FOR SUNBREAKERS		3,311	36
FP511	U BAĞLANTI PROFİLİ U CONNECTION PROFILE		0,821	35
FP512	T BAĞLANTI PROFİLİ T CONNECTION PROFILE		0,470	35
FP513	T BAĞLANTI PROFİLİ T CONNECTION PROFILE		1,002	35
FP514	AÇILI U BAĞLANTI PROFİLİ ANGULAR U CONNECTION PROFILE		0,947	35
FP520	KÖŞE TAKOZU CORNER CLEAT		1,974	35
FP521	KÖŞE TAKOZU CORNER CLEAT		2,366	35

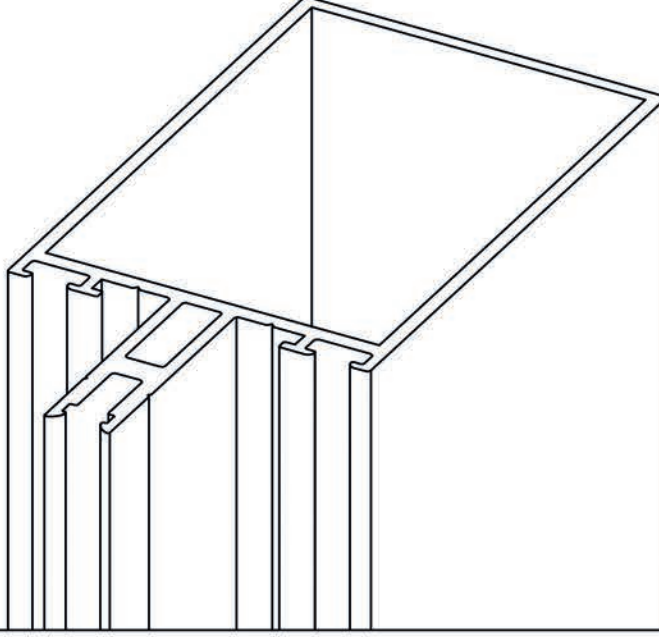
PROFILLER

PROFILES



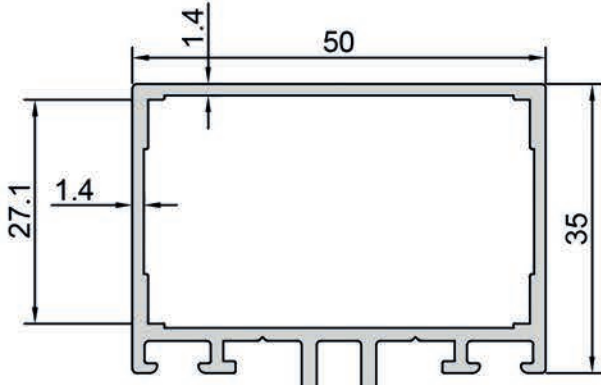
STATİK DEĞERLER TABLOSU

TABLE OF THE STATIC VALUES



TAŞIYICI DÜŞEY & YATAY PROFİLLER / MULLION & TRANSOM PROFILES

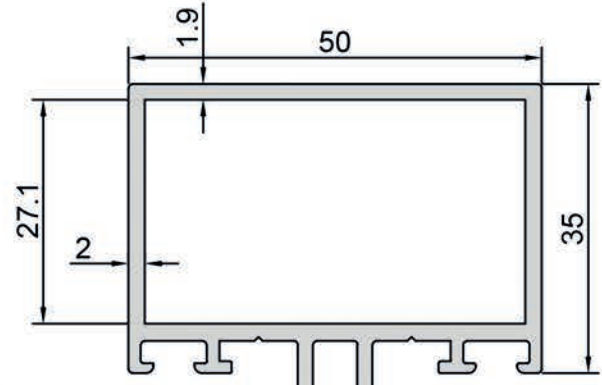
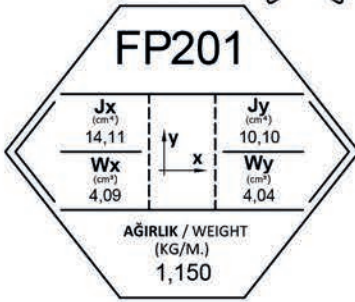
PR. NUMARASI PROFILE NO.	PR. DERİNLİĞİ PROFILE DEPTH	ET KALINLIĞI WALL THICKNESS	SIRT ET KALINLIĞI BACK WALL THICKNESS	Wx (cm ³)	Wy (cm ³)	Jx (cm ⁴)	Jy (cm ⁴)	AĞIRLIK WEIGHT (kg/m)
FP201	35mm	1.4mm	1.4mm	4,09	4,04	14,11	10,10	1,150
FP202	35mm	2mm	1.9mm	4,39	4,73	15,87	11,84	1,320
FP203	55mm	1.4mm	1.4mm	7,36	5,43	30,85	13,58	1,327
FP204	55mm	2mm	1.9mm	8,03	6,65	35,51	16,61	1,562
FP205	75mm	1.4mm	1.4mm	10,77	6,76	56,86	16,89	1,479
FP206	75mm	2mm	1.9mm	12,58	8,49	66,37	21,22	1,779
FP207	95mm	1.4mm	1.4mm	14,49	8,08	93,41	20,19	1,631
FP208	95mm	2mm	1.9mm	17,88	10,34	110,14	25,83	1,995
FP209	115mm	1.4mm	1.8mm	20,58	9,54	151,82	23,86	1,834
FP210	115mm	2mm	2.3mm	25,55	12,31	177,26	30,77	2,262
FP211	135mm	1.6mm	1.8mm	26,7	12,01	223,25	30,04	2,127
FP212	135mm	2mm	2.3mm	31,09	14,15	254,78	35,38	2,479
FP213	155mm	1.7mm	1.8mm	33,21	14,14	311,39	35,35	2,378
FP214	155mm	2mm	2.3mm	38,26	16,00	350,48	39,99	2,696
FP215	175mm	1.8mm	1.8mm	40,71	16,45	422,13	41,12	2,653
FP216	175mm	2mm	2.3mm	45,66	17,84	466,05	44,60	2,912
FP217	195mm	2.1mm	2.3mm	54,59	20,4	609,46	51,02	3,206



DİLASYON BAĞLANTISI
DILATATION CONNECTION
310071

Y. KAYIT BAĞLANTISI (U,K)
TRANSOM CONNECTION
310080 (U) , 380005 (K)

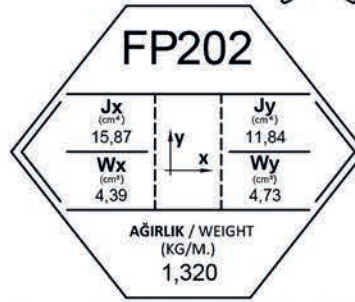
YATAY KAYIT CONTASI (U,K)
TRANSOM PLUG
330019 (U) , 330028 (K)



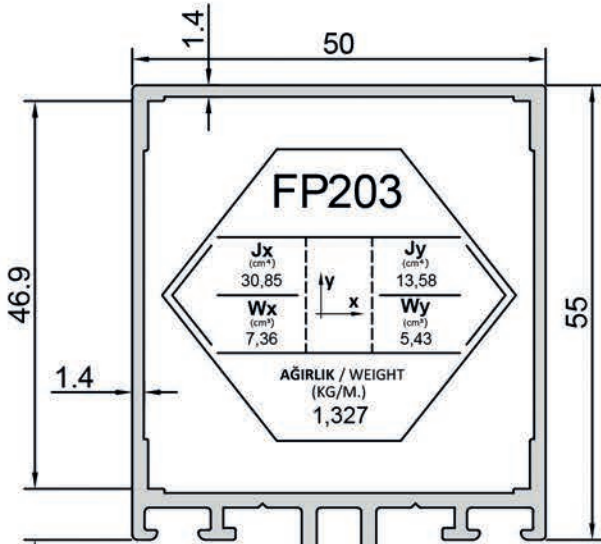
DİLASYON BAĞLANTISI
DILATATION CONNECTION
310071

Y. KAYIT BAĞLANTISI (U,K)
TRANSOM CONNECTION
310080 (U) , 380005 (K)

YATAY KAYIT CONTASI (U,K)
TRANSOM PLUG
330019 (U) , 330028 (K)



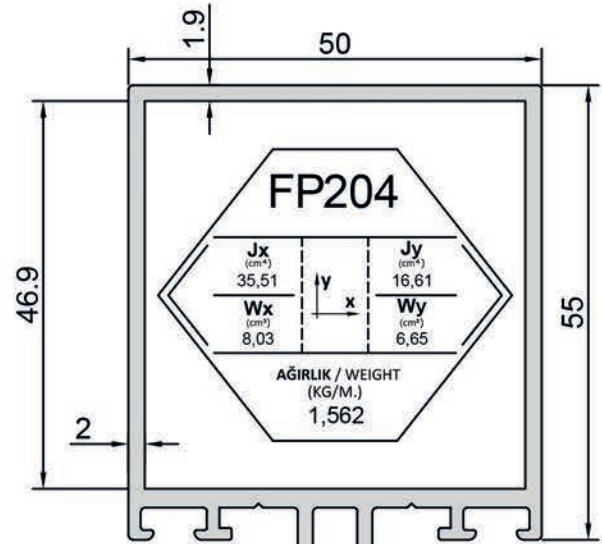
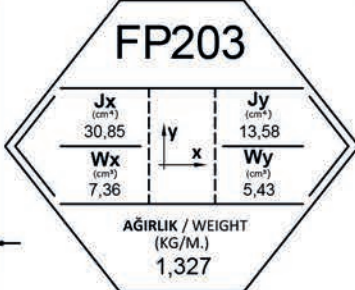
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alınız. / Please receive information from
sales representative about this profile.



DİLASYON BAĞLANTISI
DILATATION CONNECTION
310072

Y. KAYIT BAĞLANTISI (U,K)
TRANSOM CONNECTION
310081 (U) , 380006 (K)

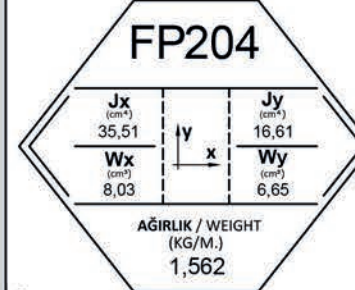
YATAY KAYIT CONTASI (U,K)
TRANSOM PLUG
330020 (U) , 330029 (K)



DİLASYON BAĞLANTISI
DILATATION CONNECTION
310072

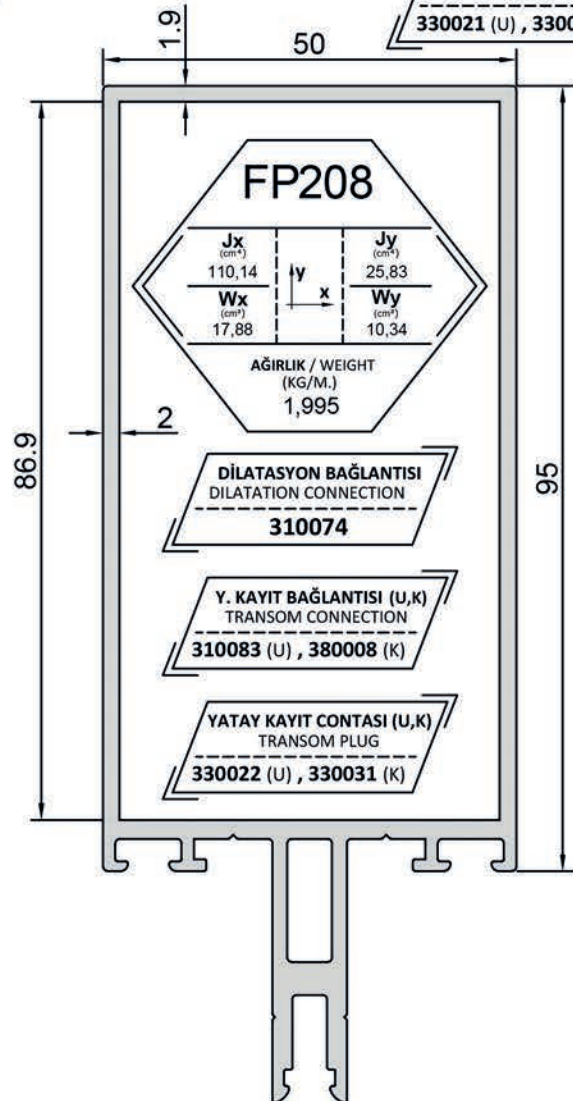
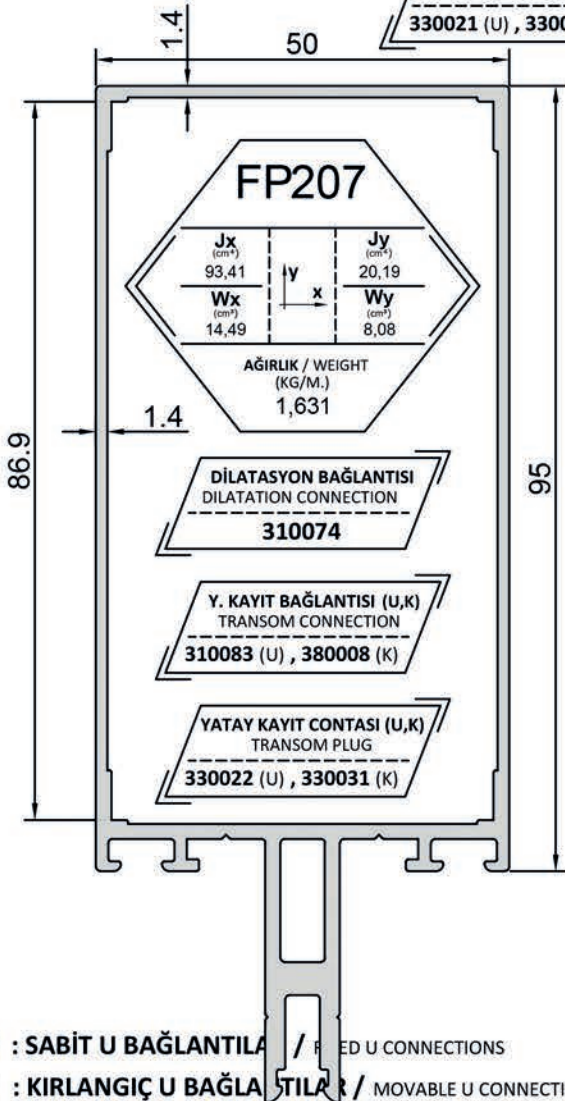
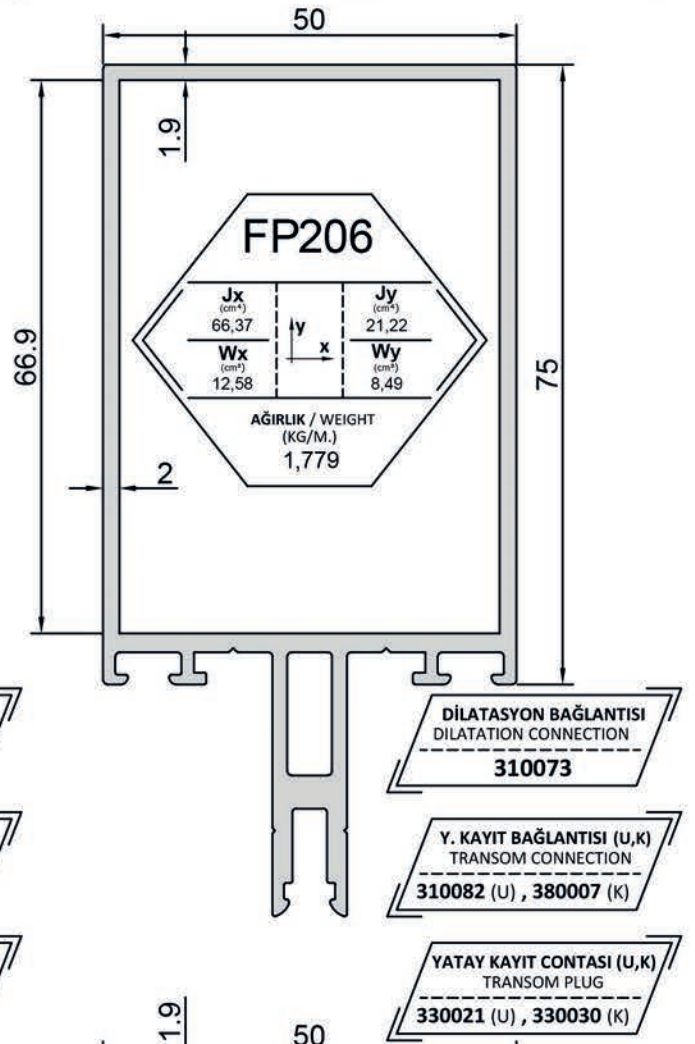
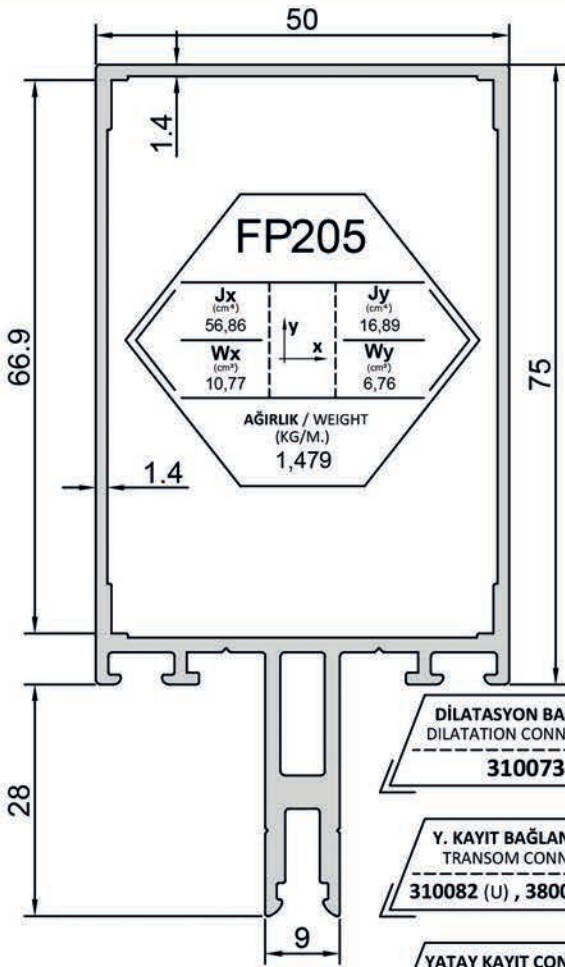
Y. KAYIT BAĞLANTISI (U,K)
TRANSOM CONNECTION
310081 (U) , 380006 (K)

YATAY KAYIT CONTASI (U,K)
TRANSOM PLUG
330020 (U) , 330029 (K)

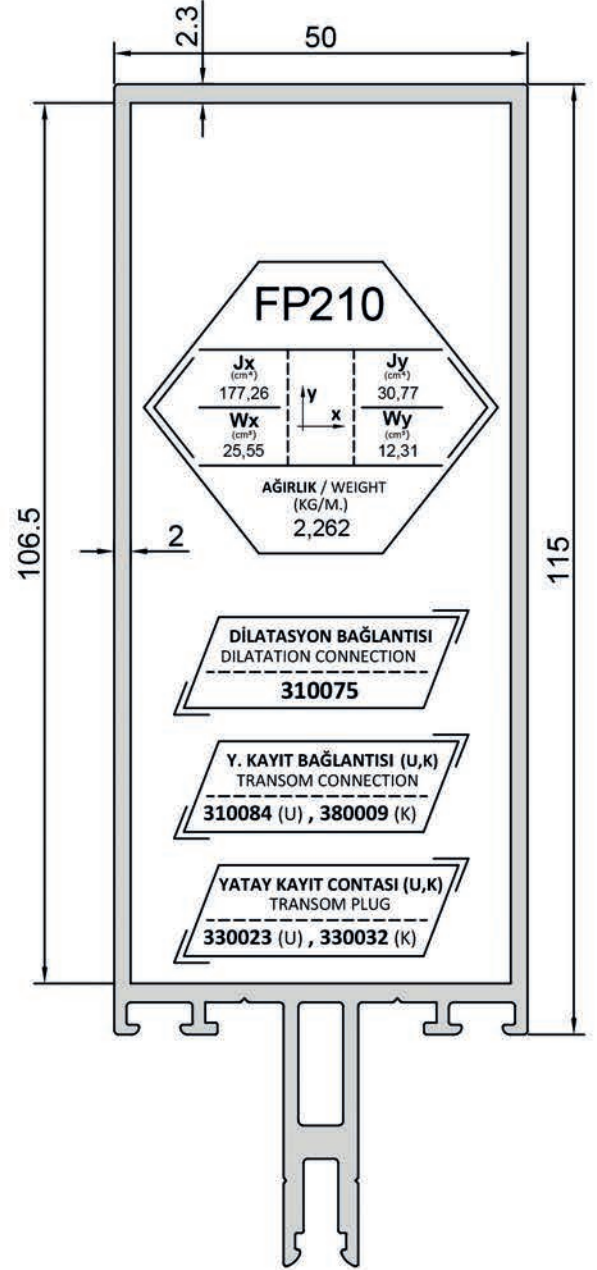
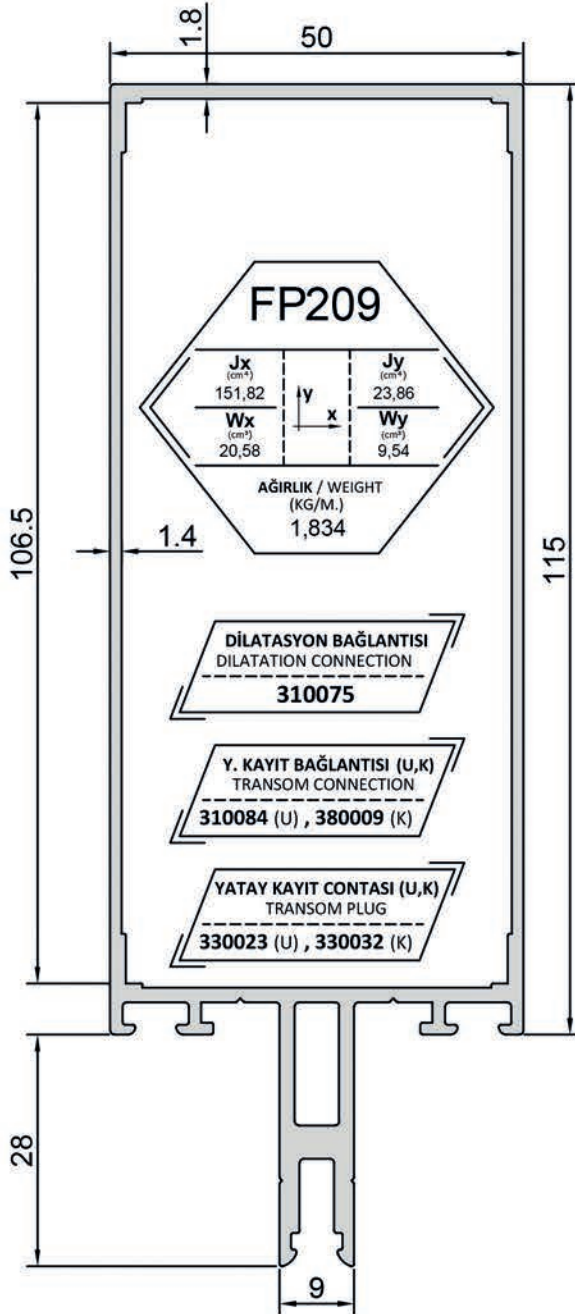


(U) : SABİT U BAĞLANTILAR / FIXED U CONNECTIONS

(K) : KIRLANGIÇ U BAĞLANTILAR / MOVABLE U CONNECTIONS

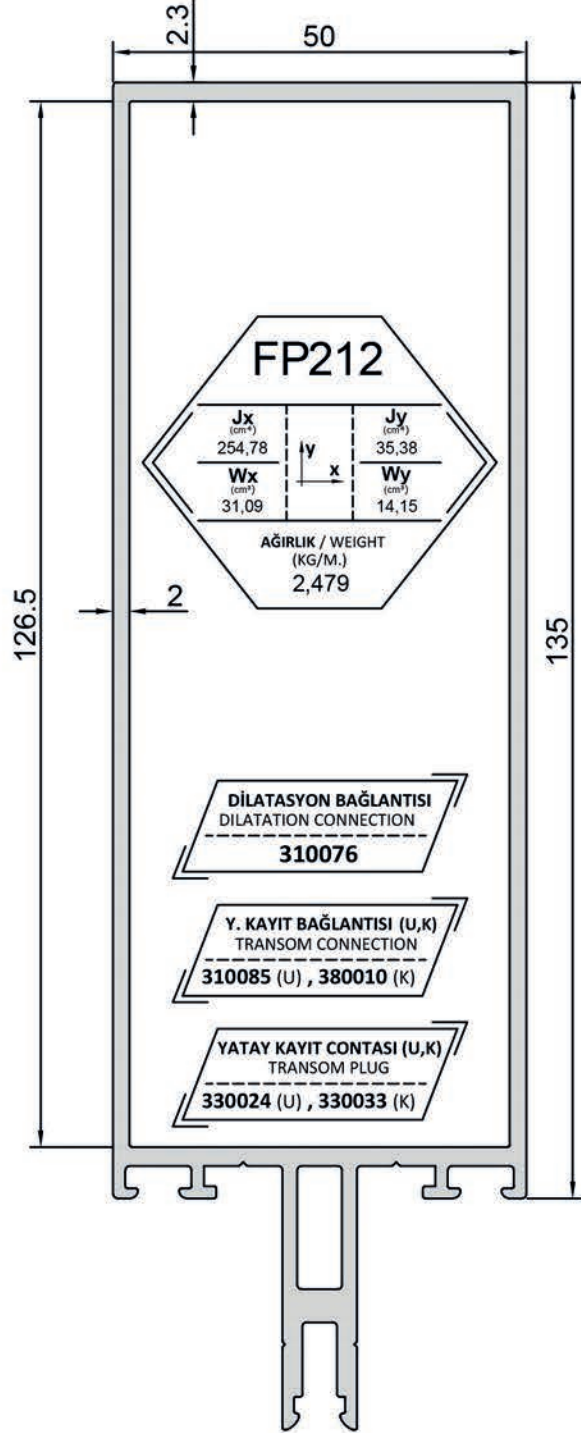
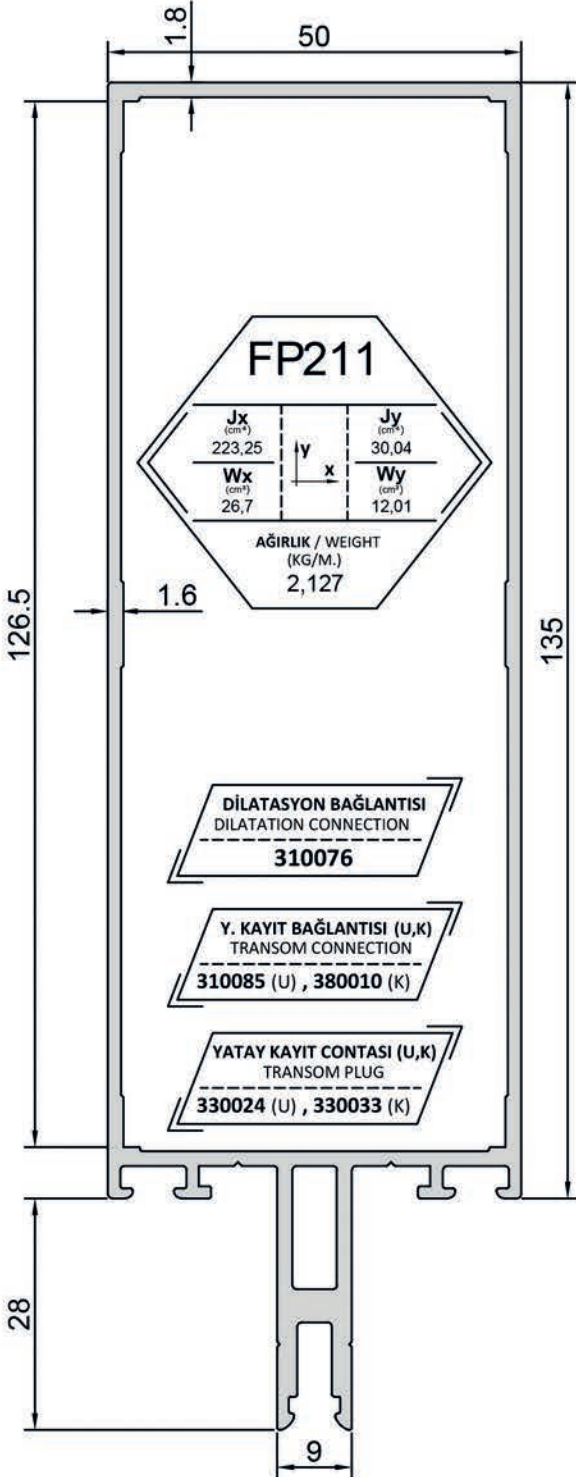


(U) : SABİT U BAĞLANTILAR / FIXED U CONNECTIONS
(K) : KIRLANGIÇ U BAĞLANTILAR / MOVABLE U CONNECTIONS



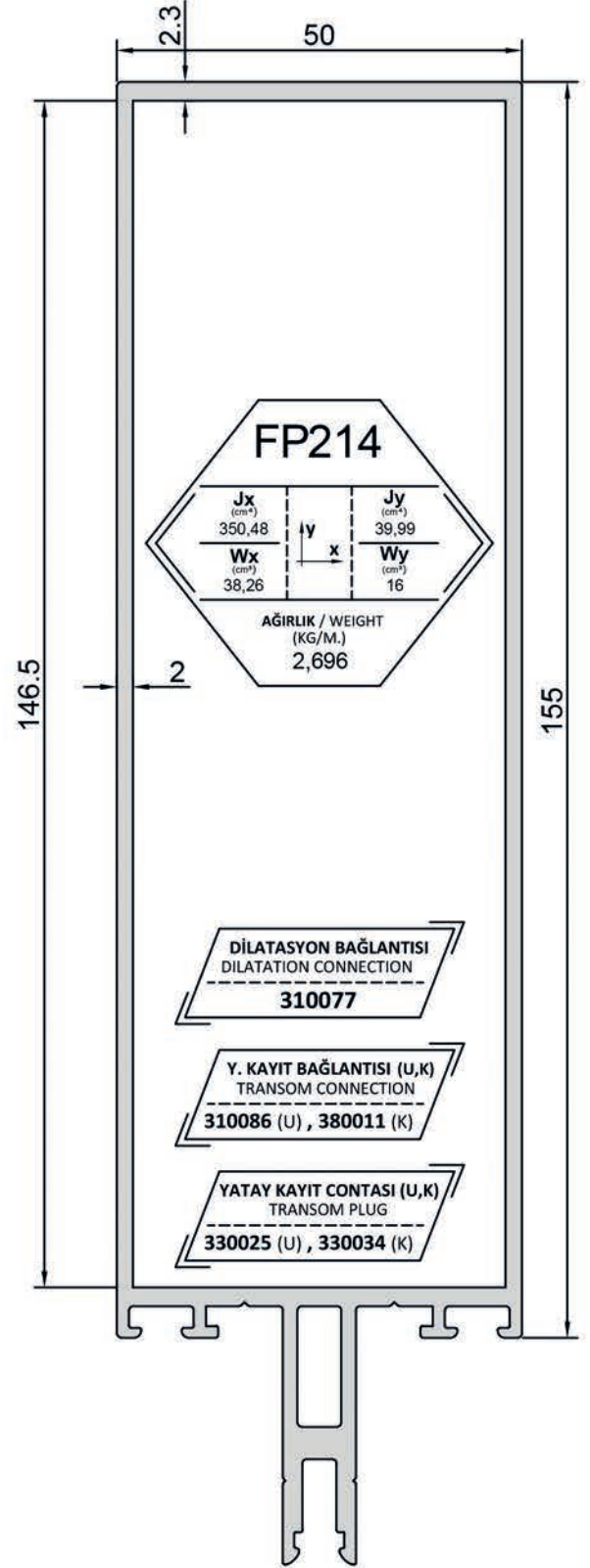
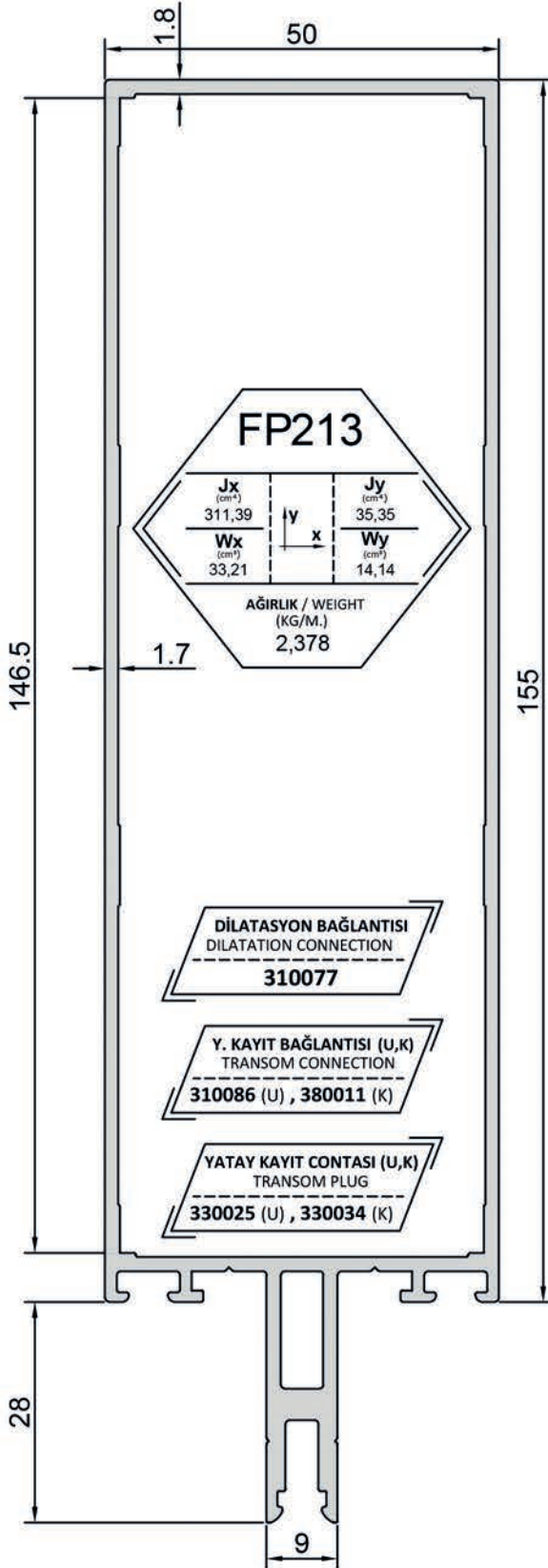
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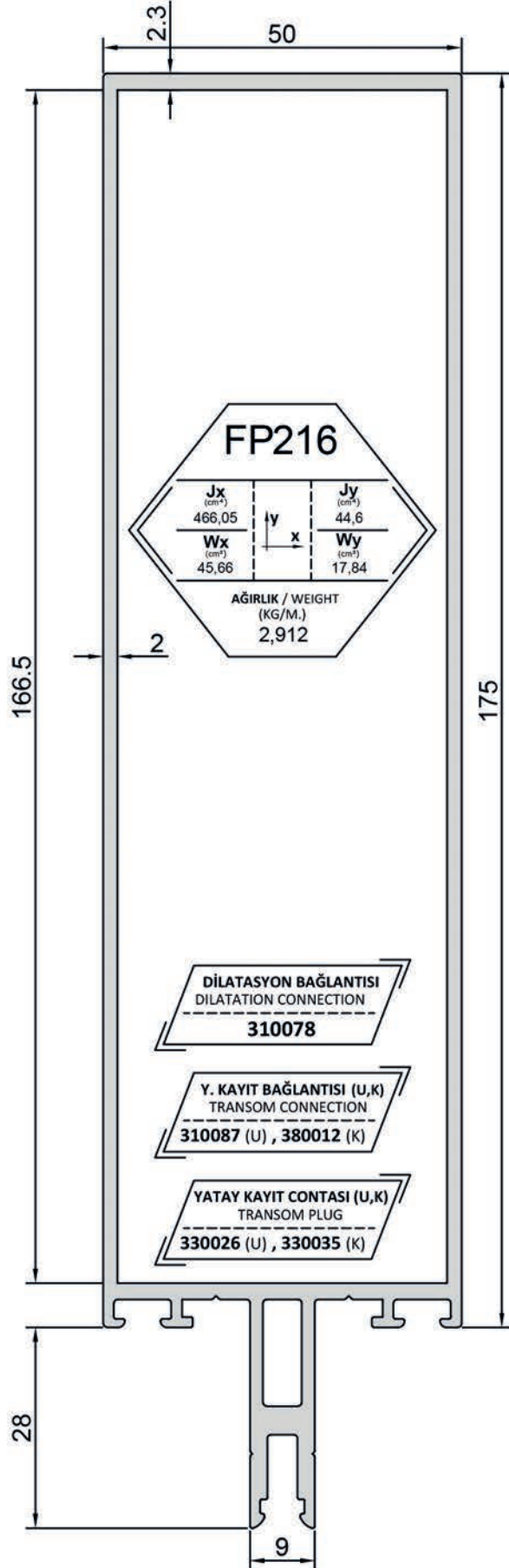
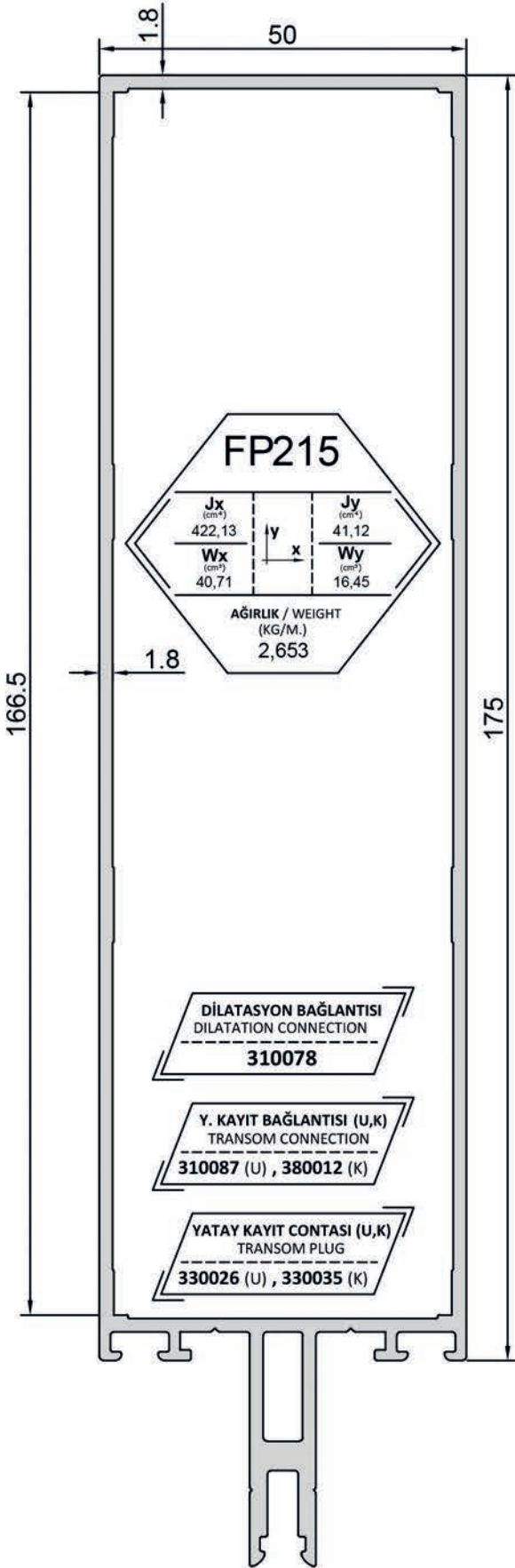
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(K) : KIRLANGIÇ U BAĞLANTILAR / MOVABLE U CONNECTIONS



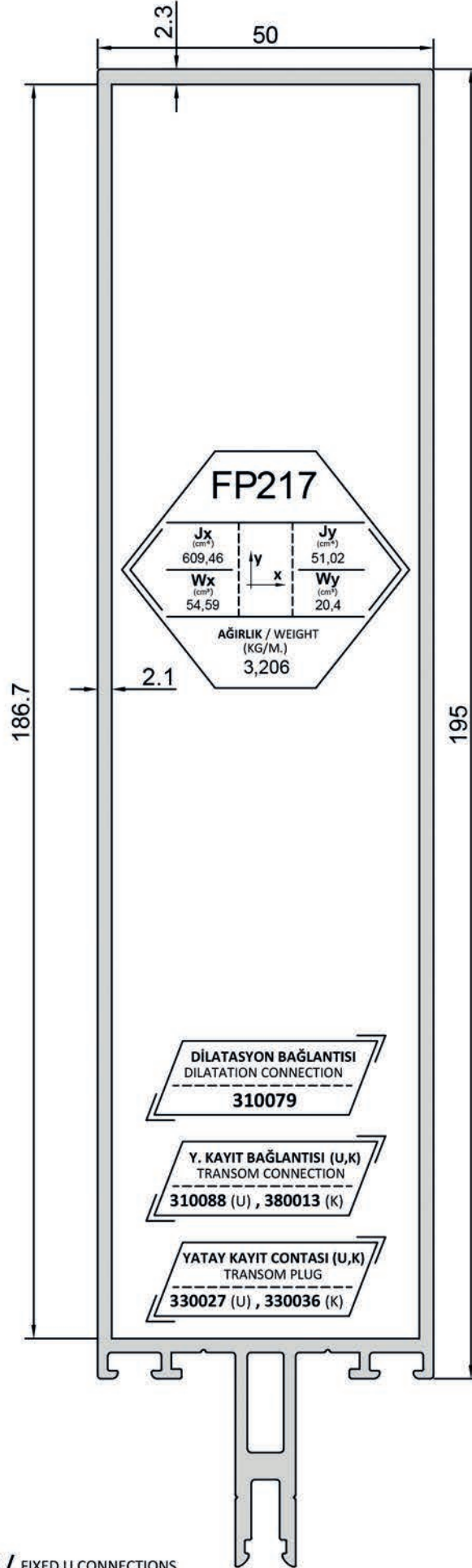
(U) : SABİT U BAĞLANTILAR / FIXED U CONNECTIONS

(K) : KIRLANGIÇ U BAĞLANTILAR / MOVABLE U CONNECTIONS



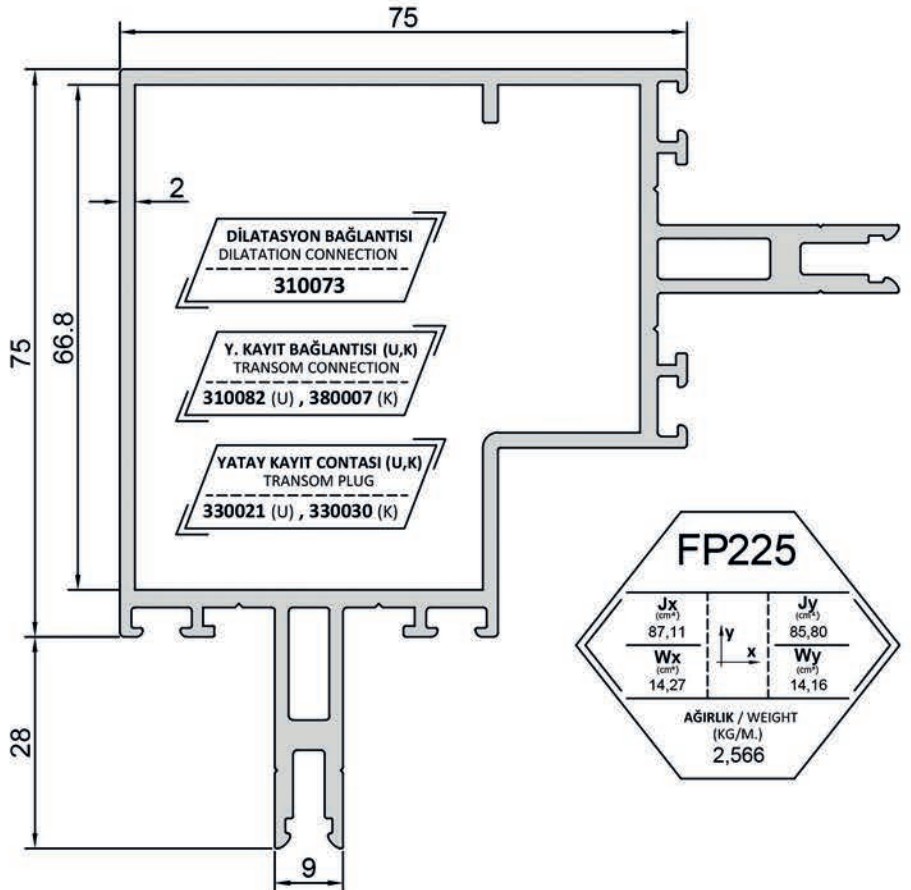
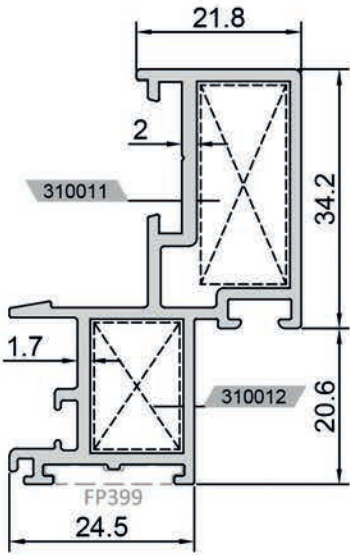
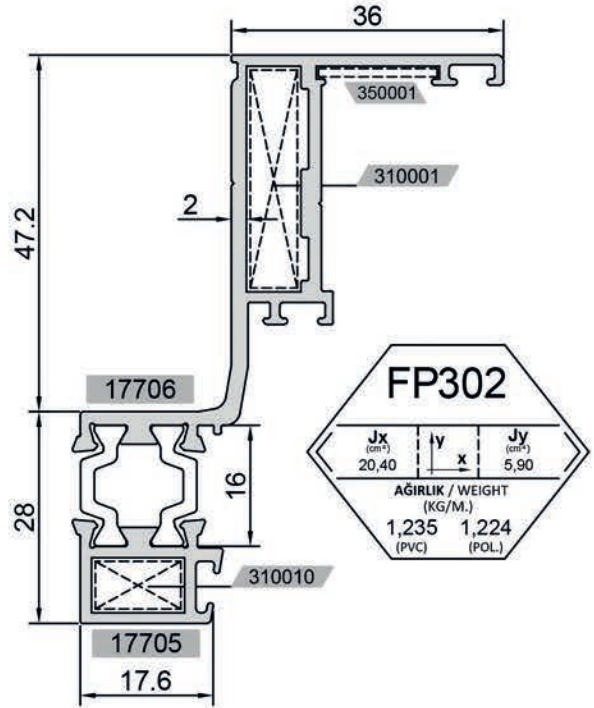
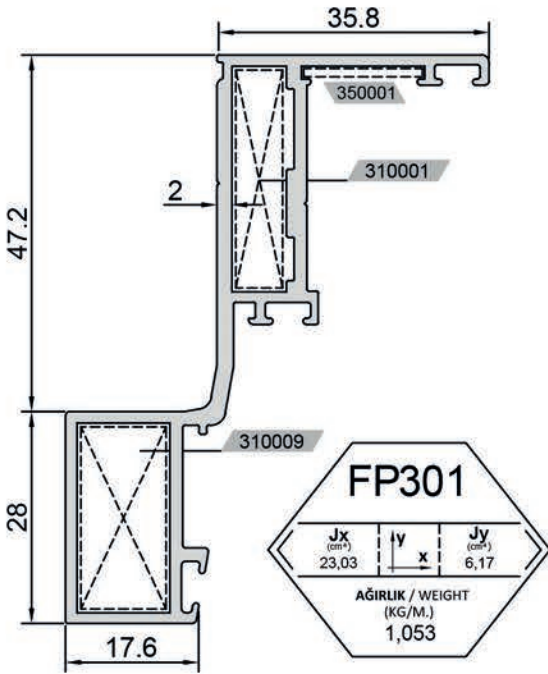
(U) : SABİT U BAĞLANTILAR / FIXED U CONNECTIONS

(K) : KIRLANGIÇ U BAĞLANTILAR / MOVABLE U CONNECTIONS



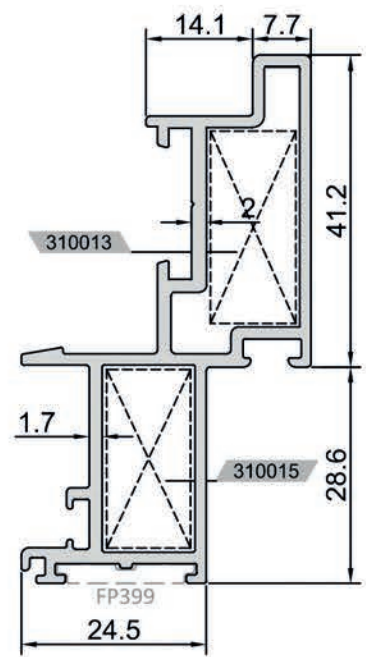
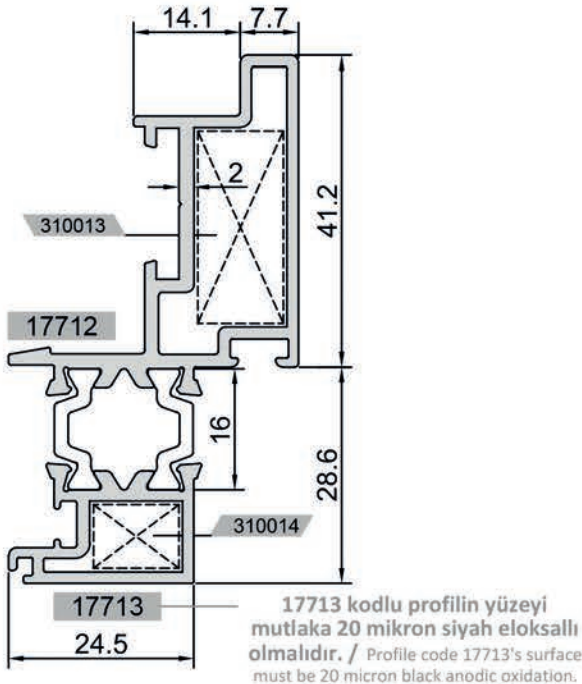
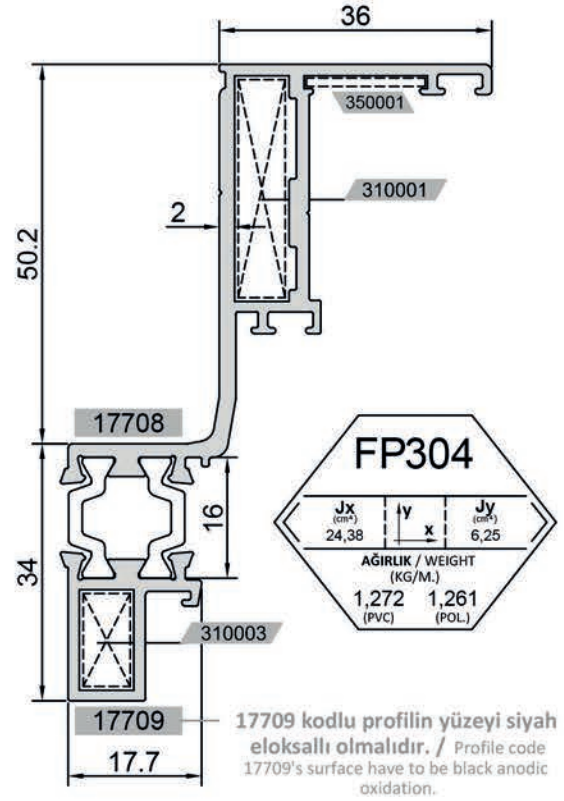
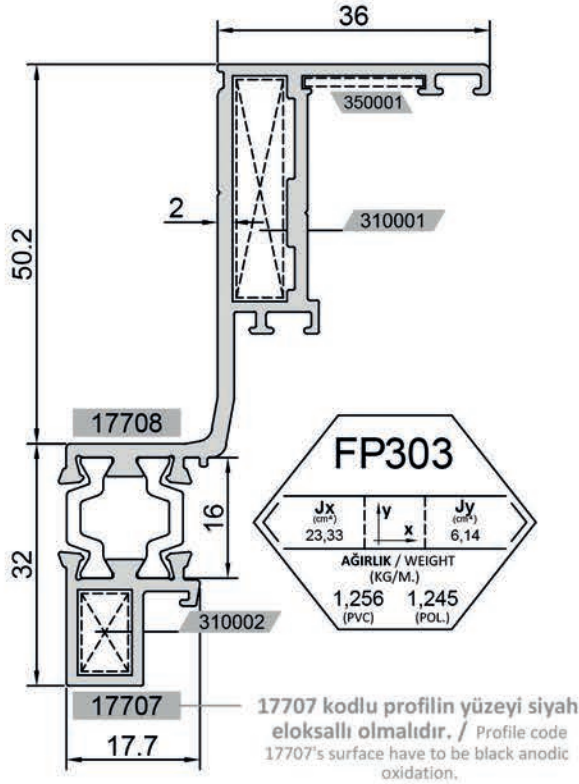
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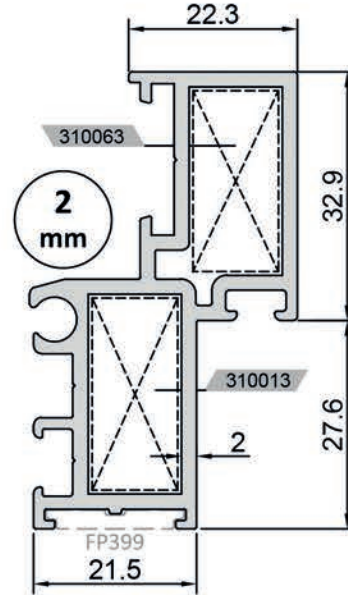
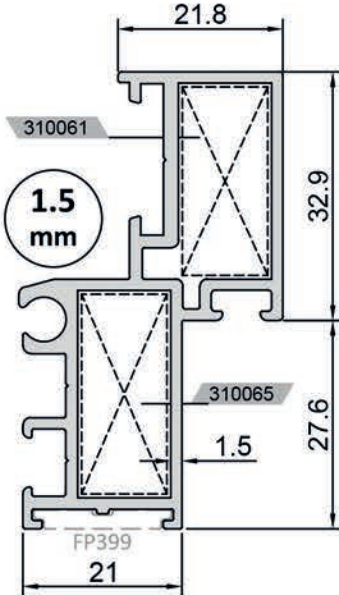
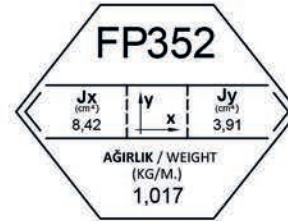
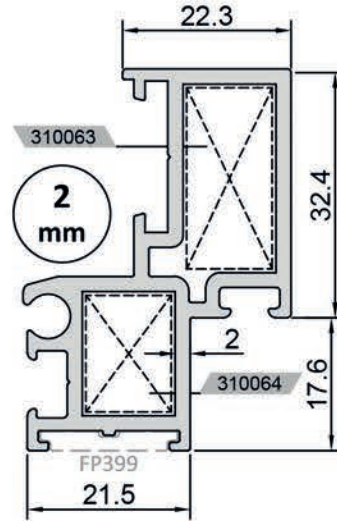
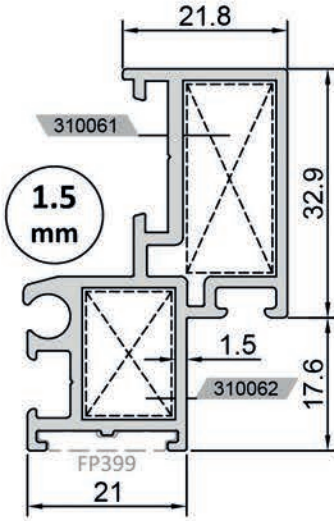
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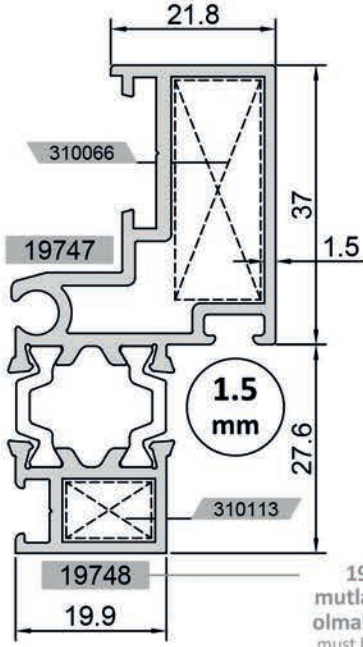


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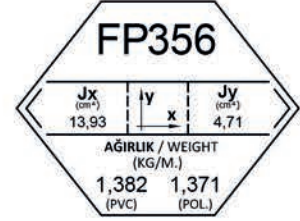
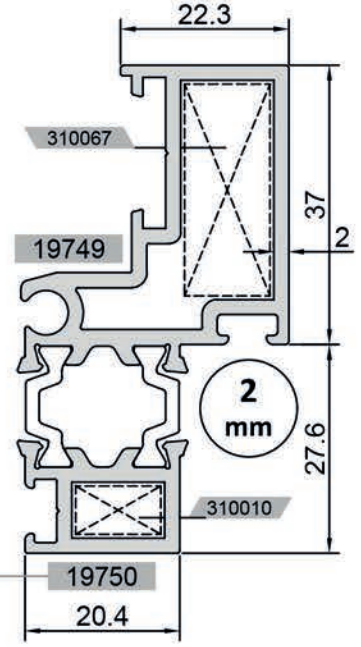
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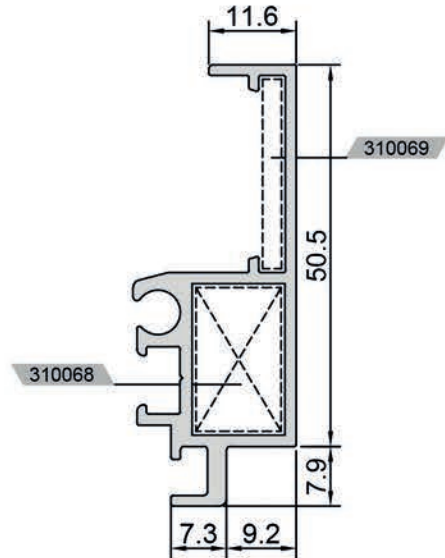
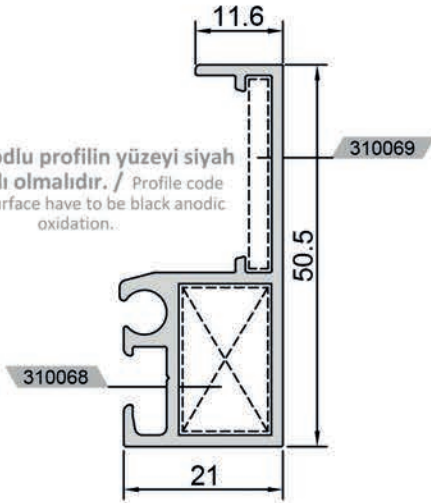


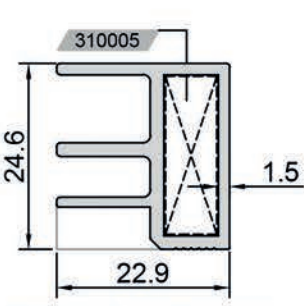


19748 kodlu profilin yüzeyi mutlaka 20 mikron siyah eloksallı olmalıdır. / Profile code 19748's surface must be 20 micron black anodic oxidation.

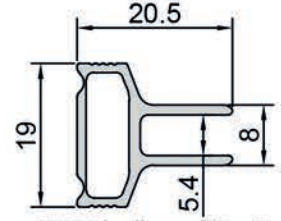
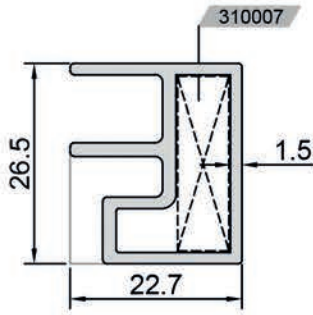


FP357 kodlu profilin yüzeyi siyah eloksallı olmalıdır. / Profile code FP357's surface have to be black anodic oxidation.

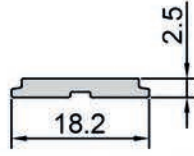
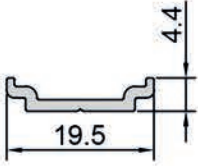




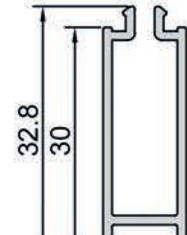
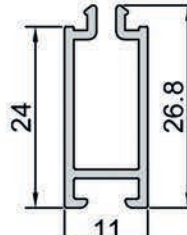
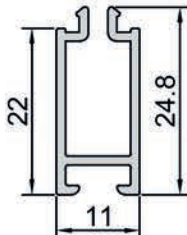
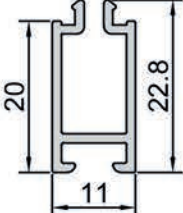
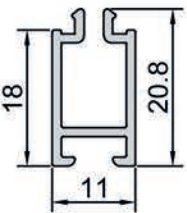
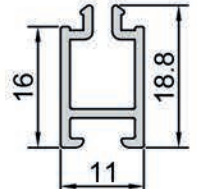
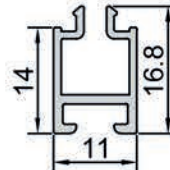
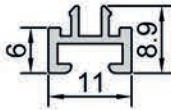
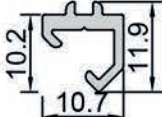
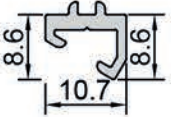
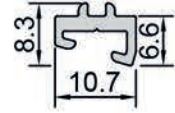
FP359 kodlu profilin yüzeyi mutlaka 20 mikron siyah eloksallı olmalıdır. / Profile code FP359's surface must be 20 micron black anodic oxidation.



FP398 kodlu profilin yüzeyi mutlaka 20 mikron siyah eloksallı olmalıdır. / Profile code FP398's surface must be 20 micron black anodic oxidation.

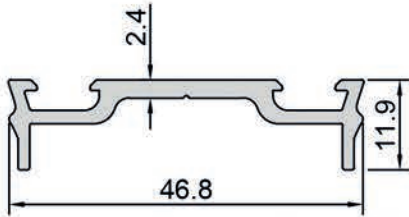
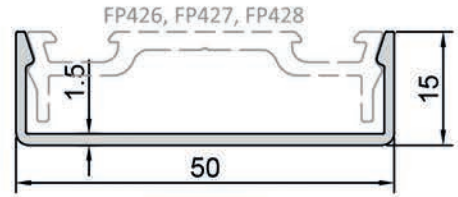
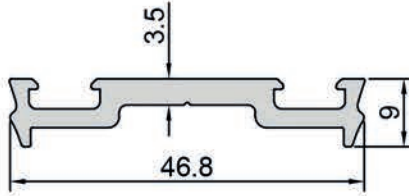
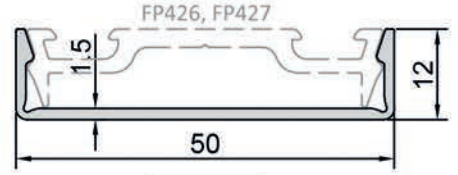
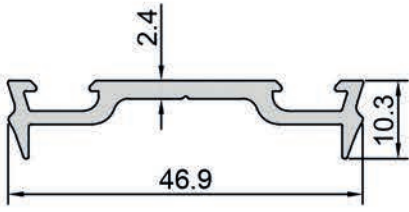


FP399 kodlu profilin yüzeyi mutlaka 20 mikron siyah eloksallı olmalıdır. / Profile code FP399's surface must be 20 micron black anodic oxidation.

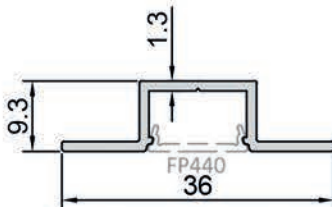
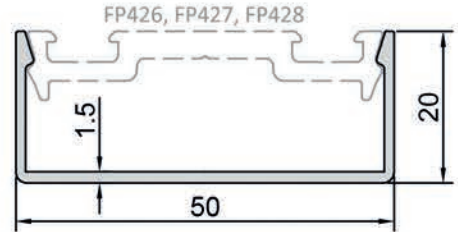
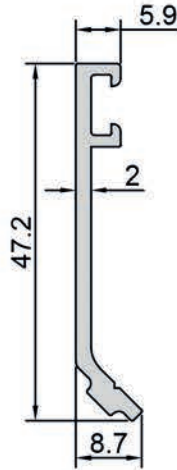
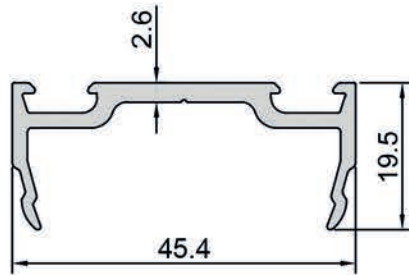


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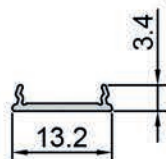
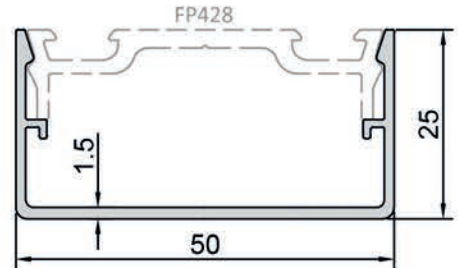


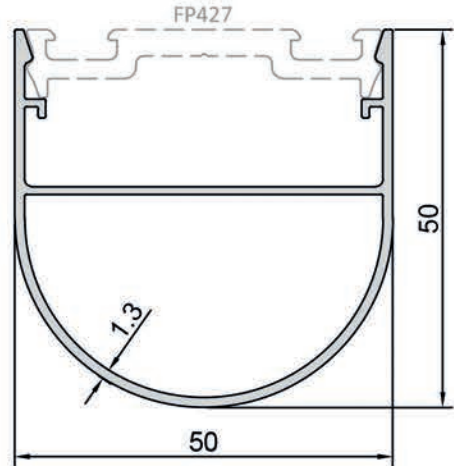
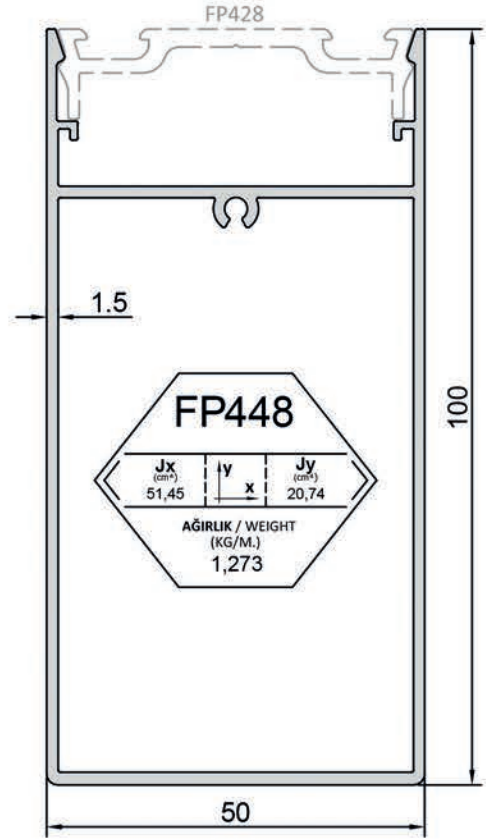
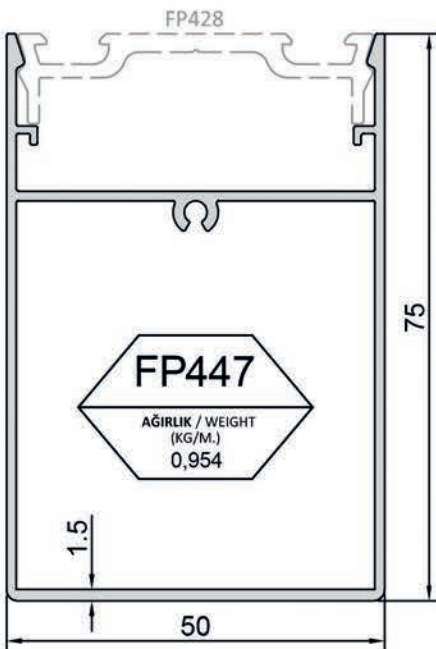
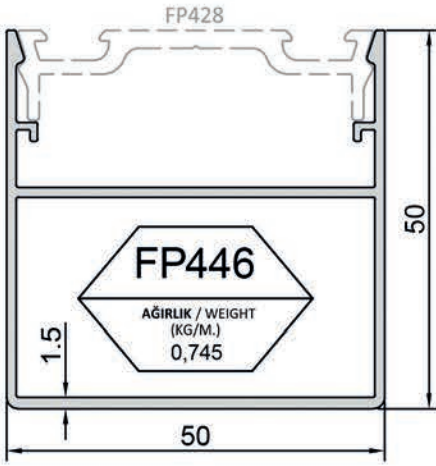
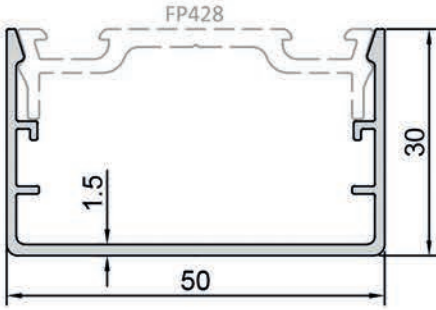


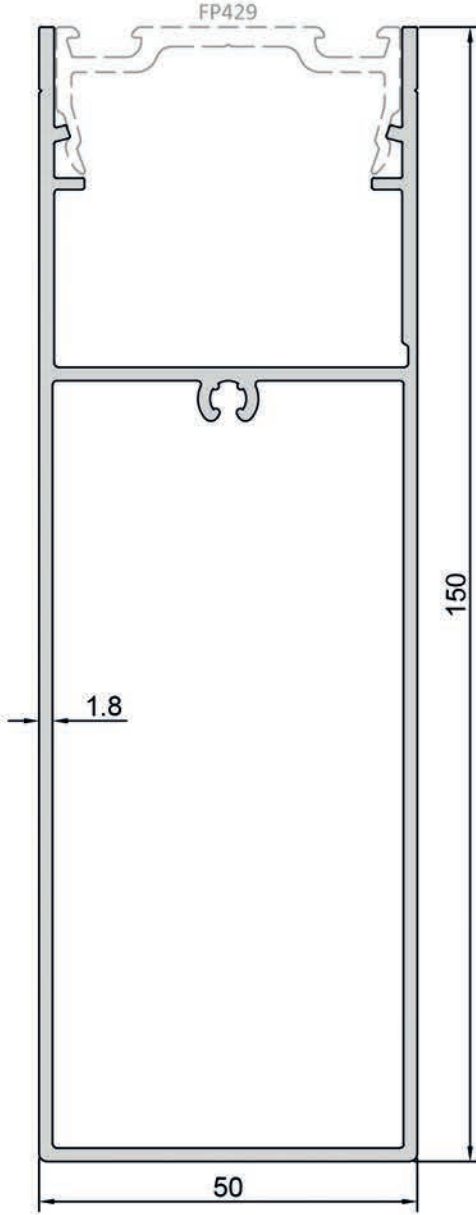
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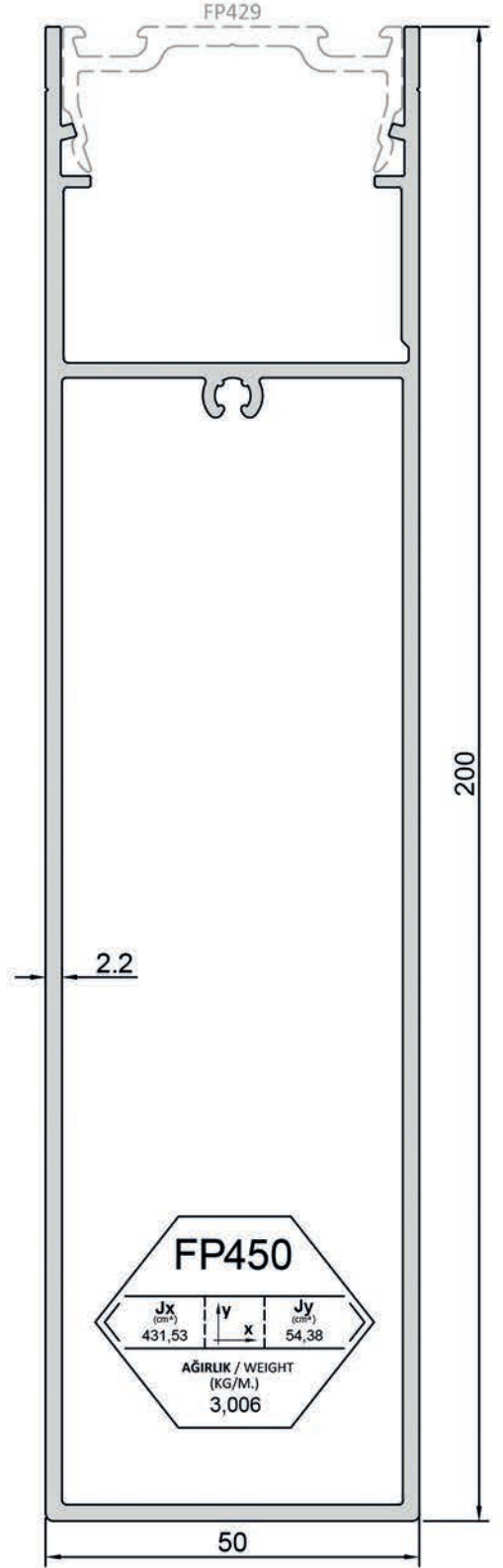
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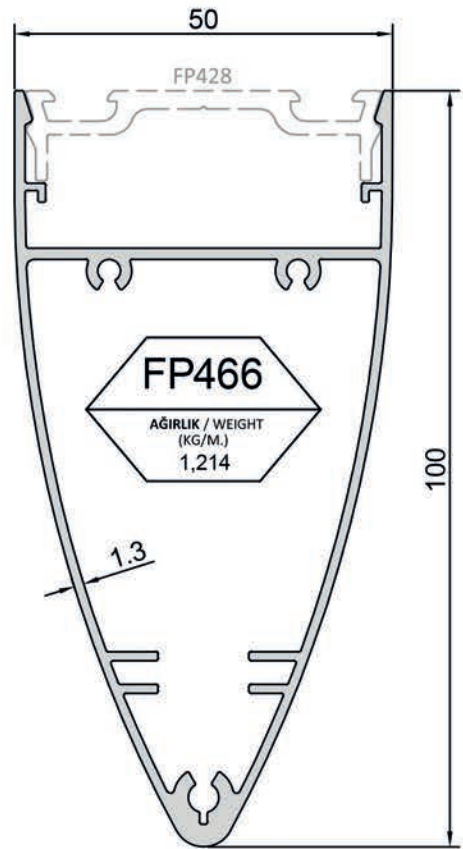
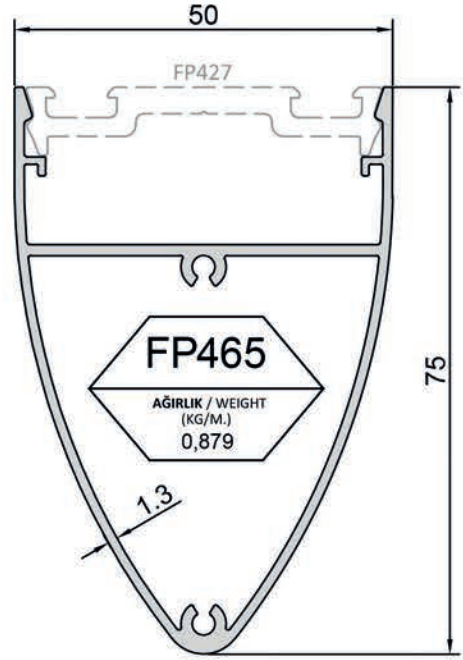
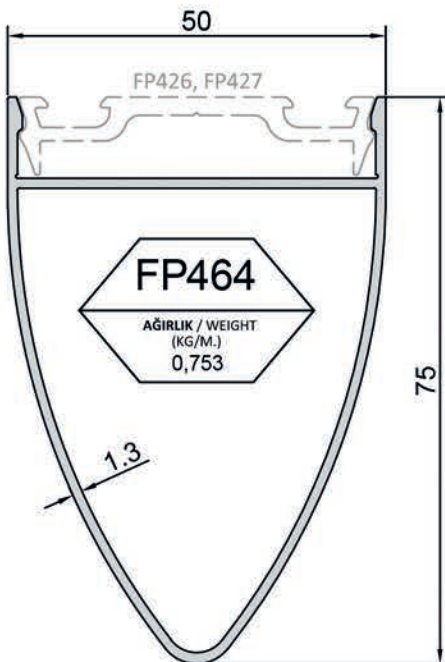
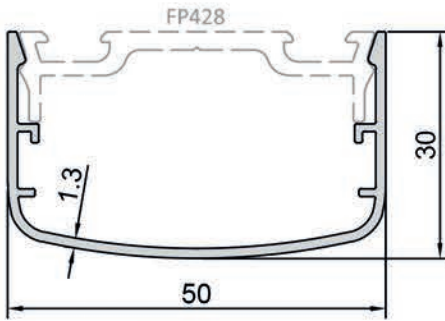
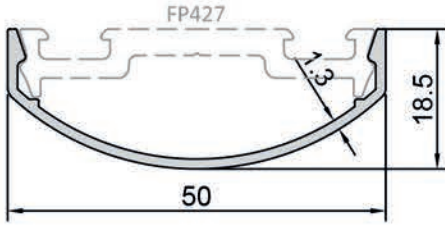


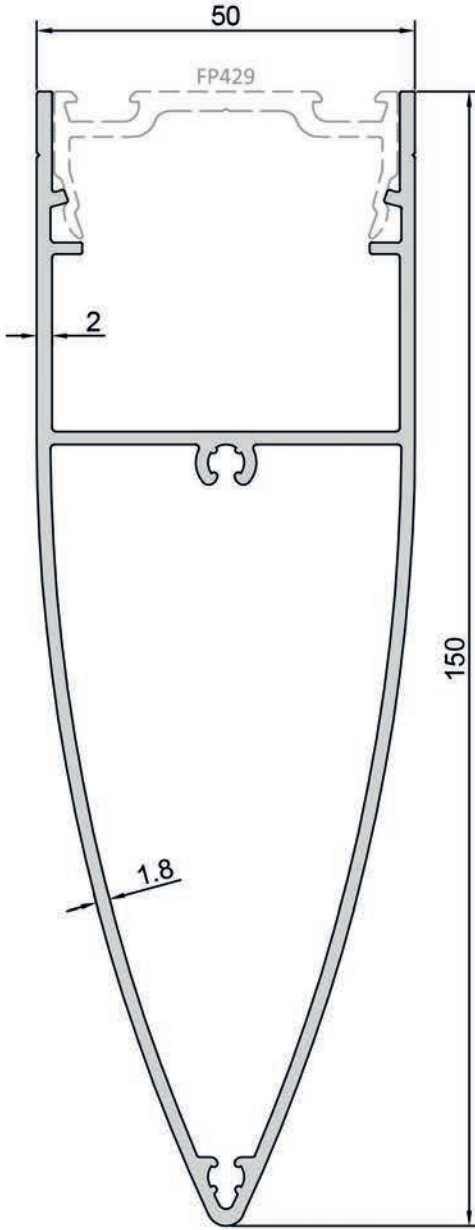


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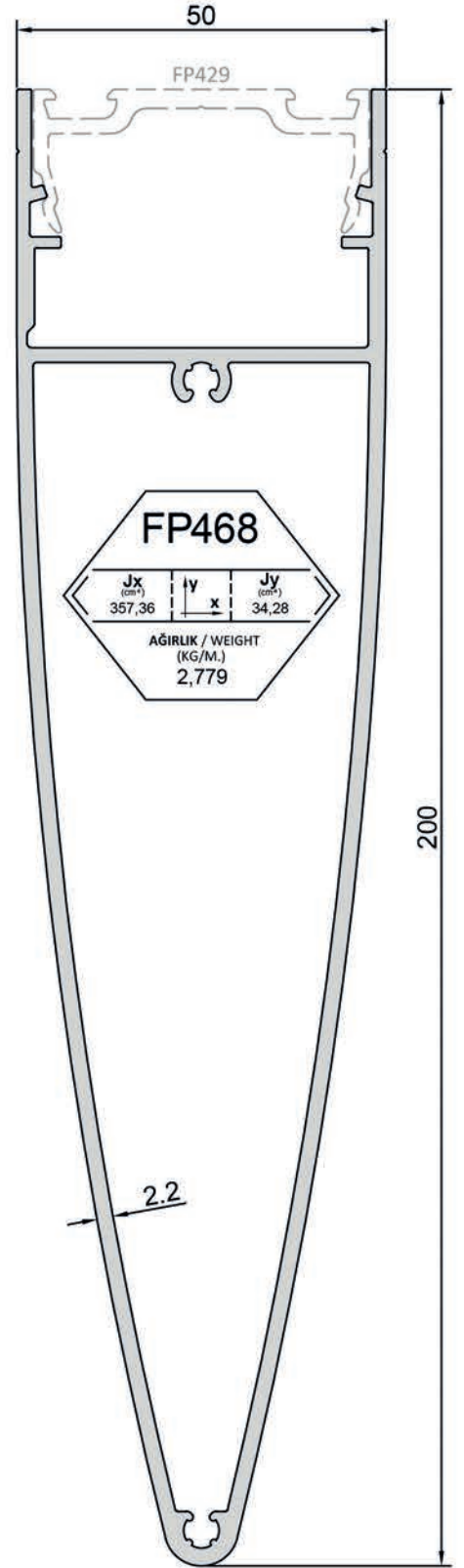


Bu profil için satış ekibinden bilgi alınız. / Please receive information from sales representative about this profile.

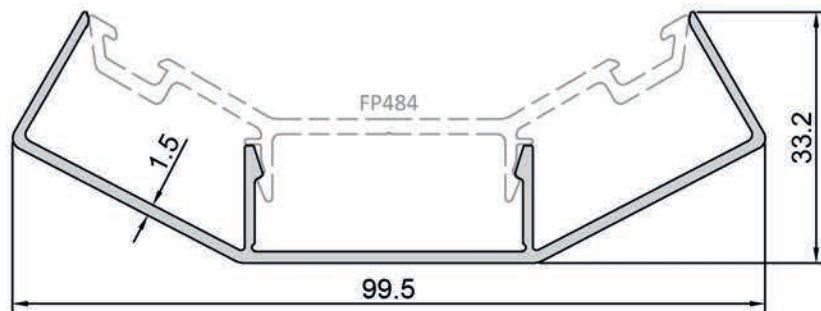
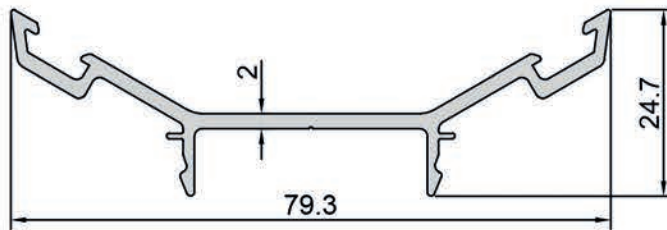
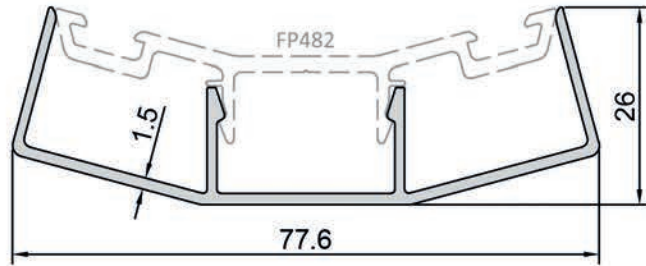
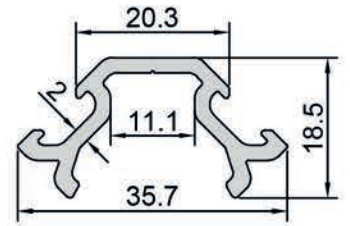
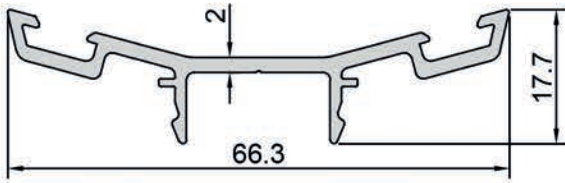
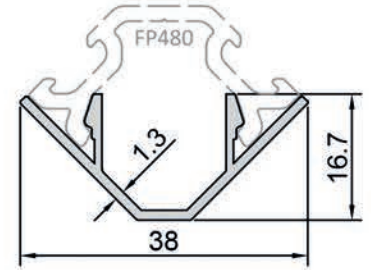
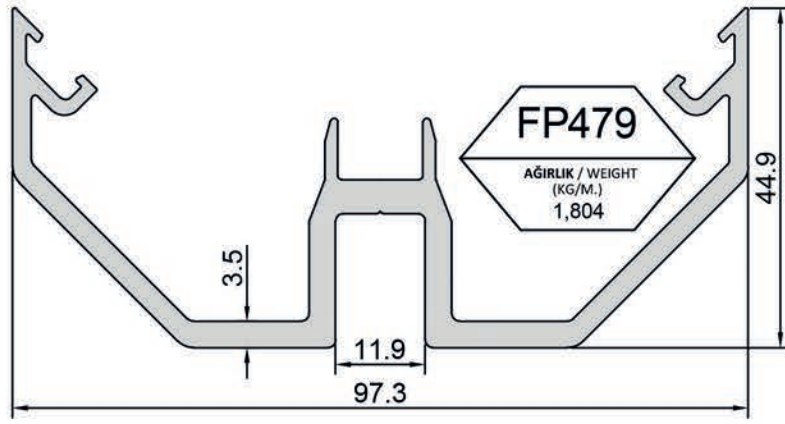




Bu profil için satış ekibinden bilgi alınız. / Please receive information from sales representative about this profile.

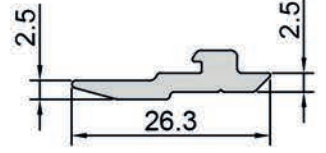
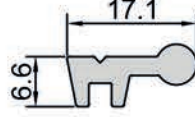
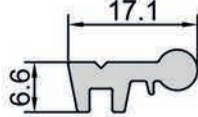
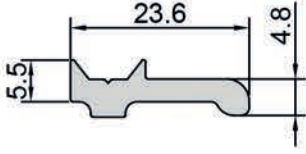


Bu profil için satış ekibinden bilgi alınız. / Please receive information from sales representative about this profile.

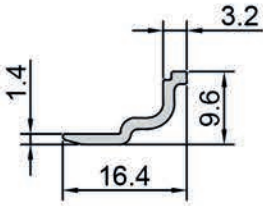


ALÜMİNYUM AKSESUAR PROFİLLERİ

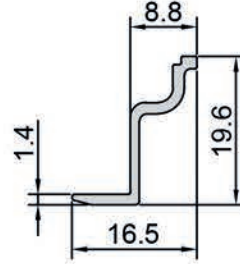
PROFILES OF ALUMINIUM ACCESSORIES



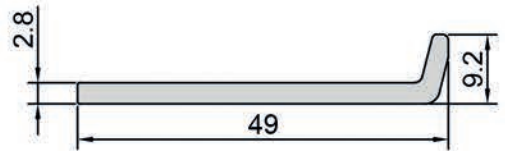
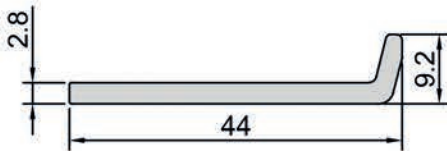
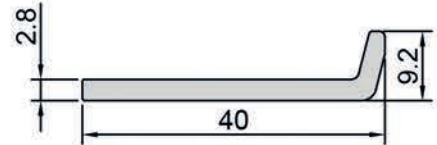
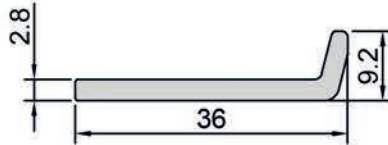
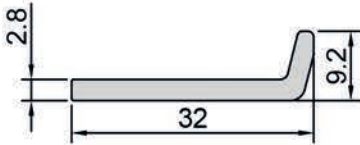
Profilin yüzeyi siyah eloksallı olmalıdır. / Profile surface have to be black anodic oxidation.



Profilin yüzeyi siyah eloksallı olmalıdır. / Profile surface have to be black anodic oxidation.

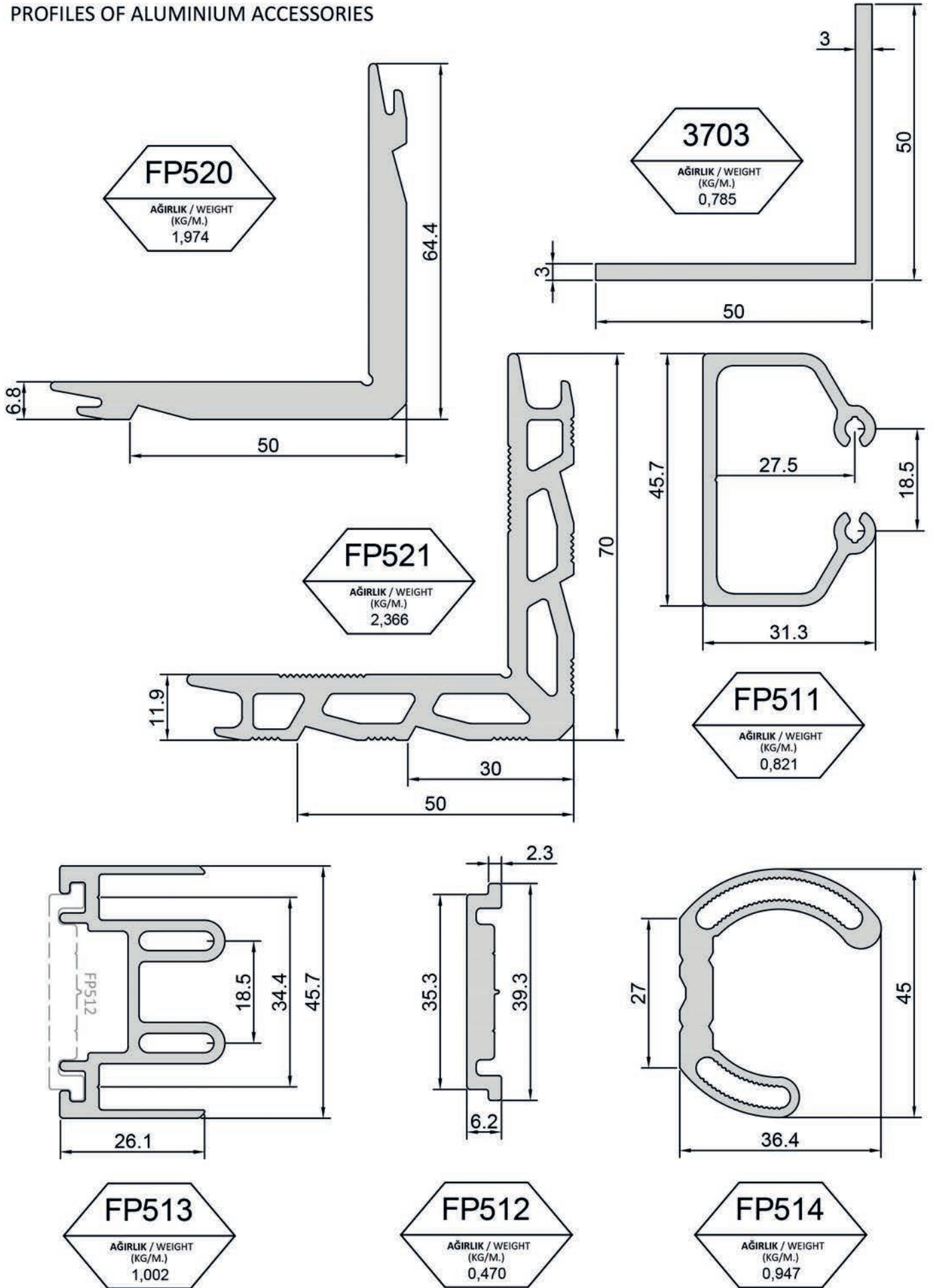


Profilin yüzeyi siyah eloksallı olmalıdır. / Profile surface have to be black anodic oxidation.



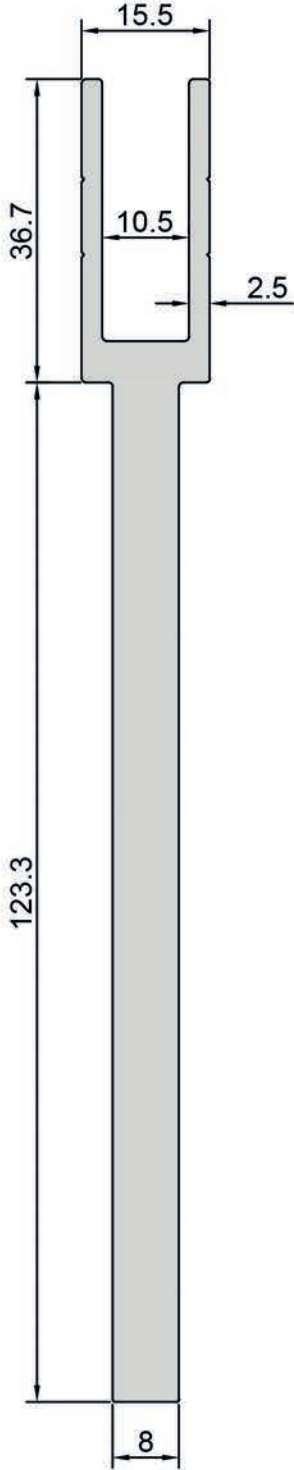
ALÜMİNYUM AKSESUAR PROFİLLERİ

PROFILES OF ALUMINIUM ACCESSORIES

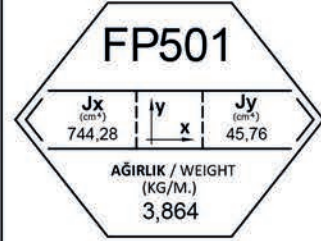
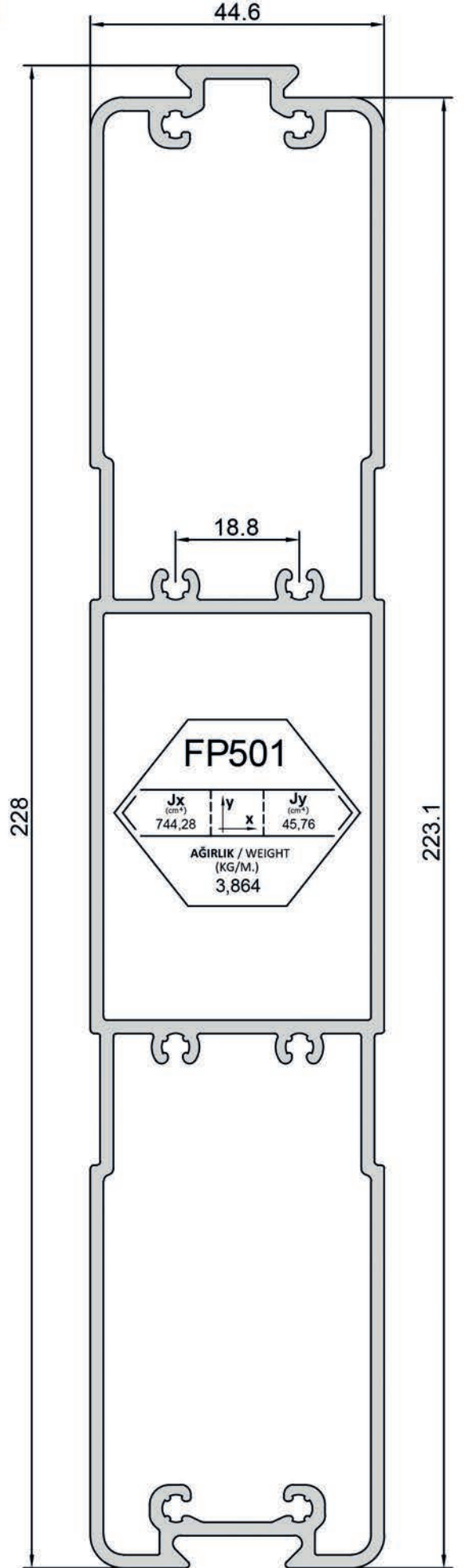


ALÜMİNYUM AKSESUAR PROFİLLERİ

PROFILES OF ALUMINIUM ACCESSORIES



Bu profil için satış ekibinden bilgi
alınız. / Please receive information from
sales representative about this profile.



DETAYLAR

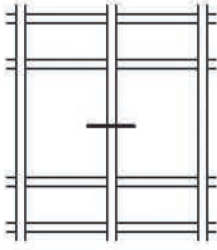
DETAILS



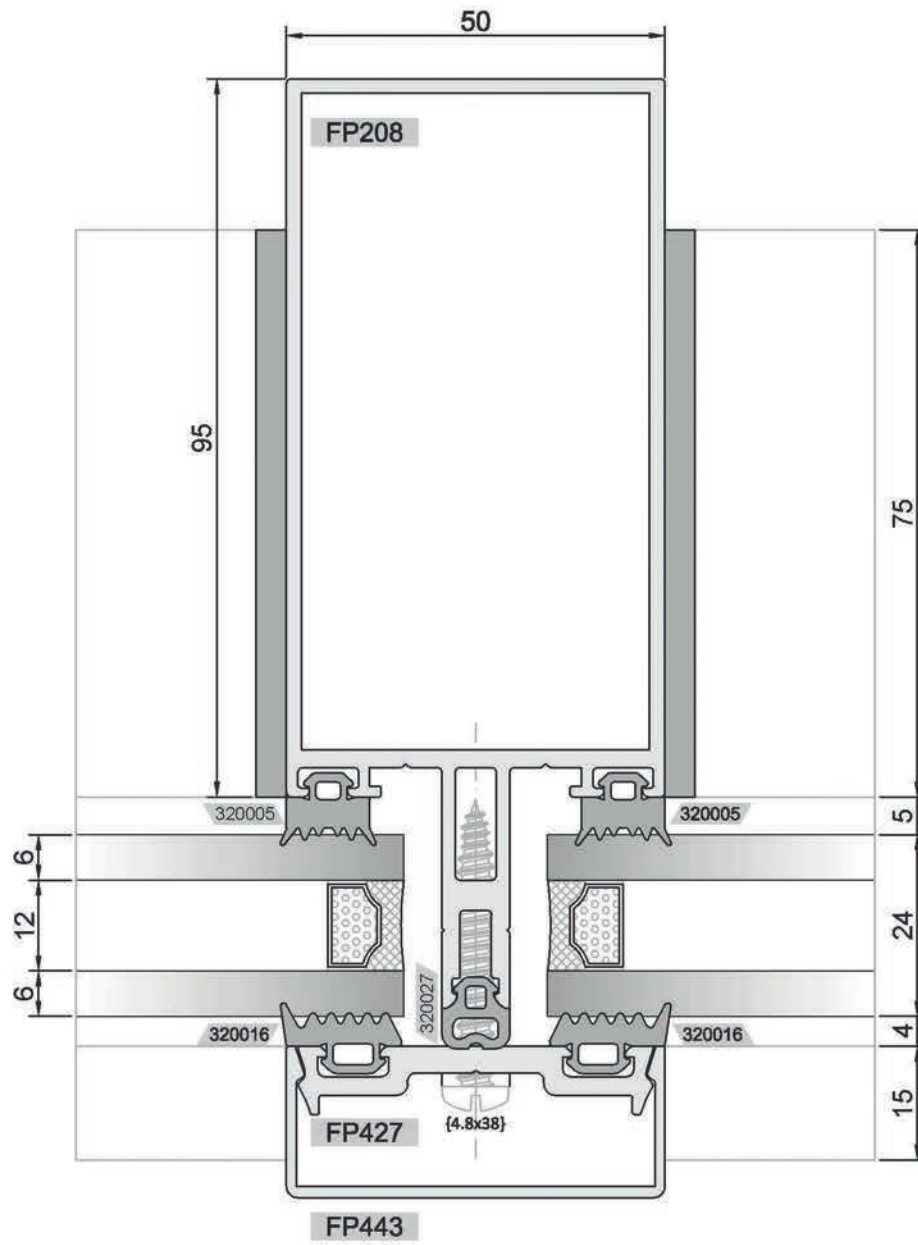
KAPAKLI CEPHE

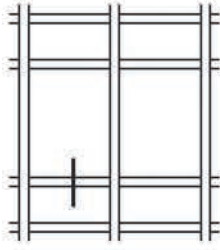
CAPPED CURTAIN WALL



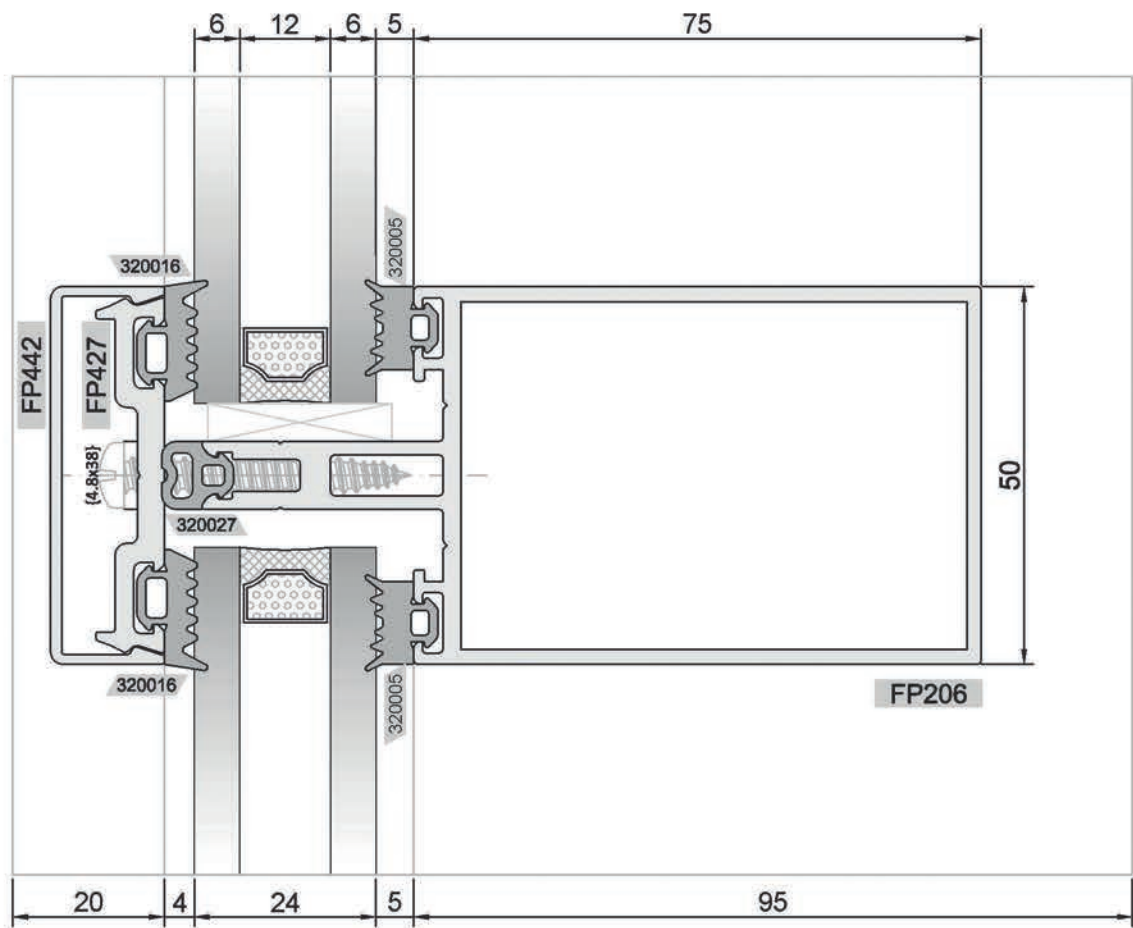


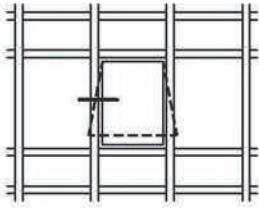
DÜŞEY DETAYI
VERTICAL DETAIL





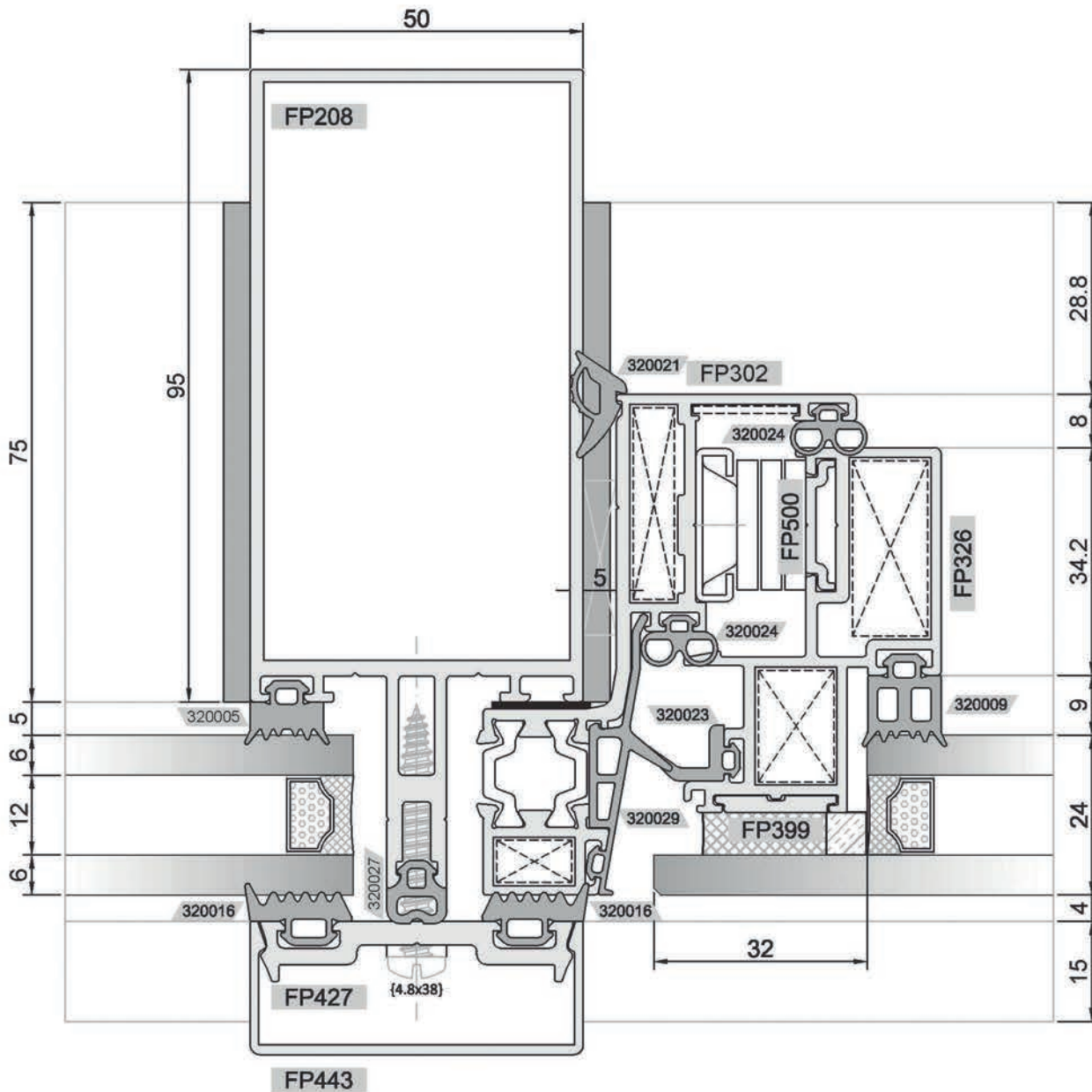
YATAY DETAYI
HORIZONTAL DETAIL

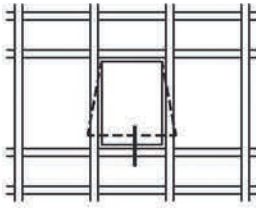




ALTERNATİF 1: MİNİMAL KANAT
ALTERNATIVE 1 : MINIMAL SASH

DIŞA AÇILIR KANAT DÜŞEY DETAYI
TOP HUNG OUTWARD OPENING VERTICAL DETAIL



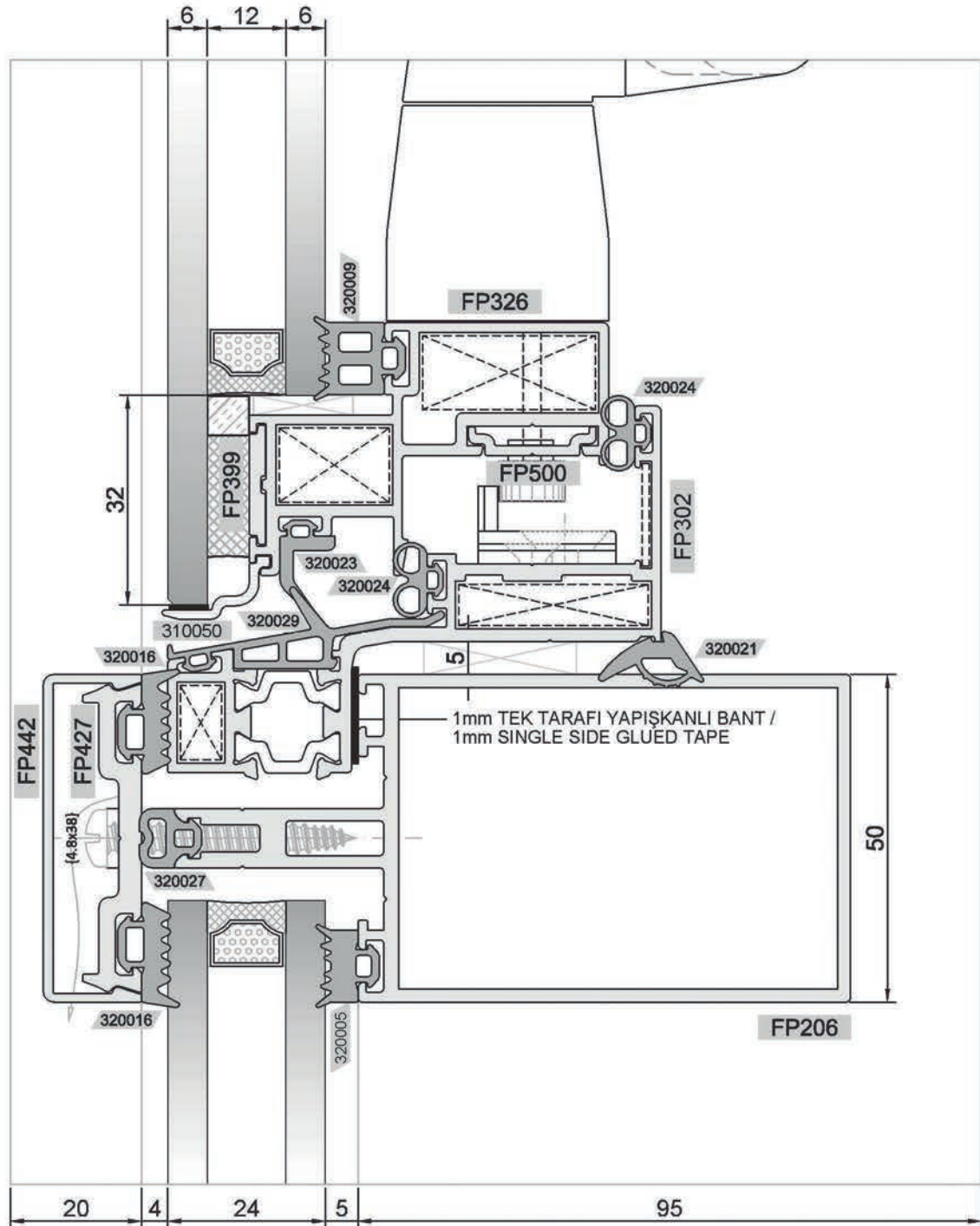


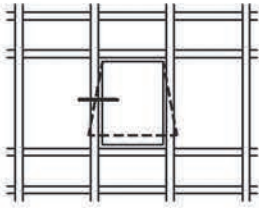
ALTERNATİF 1: MİNİMAL KANAT

ALTERNATIVE 1 : MINIMAL SASH

DIŞA AÇILIR KANAT YATAY DETAYI

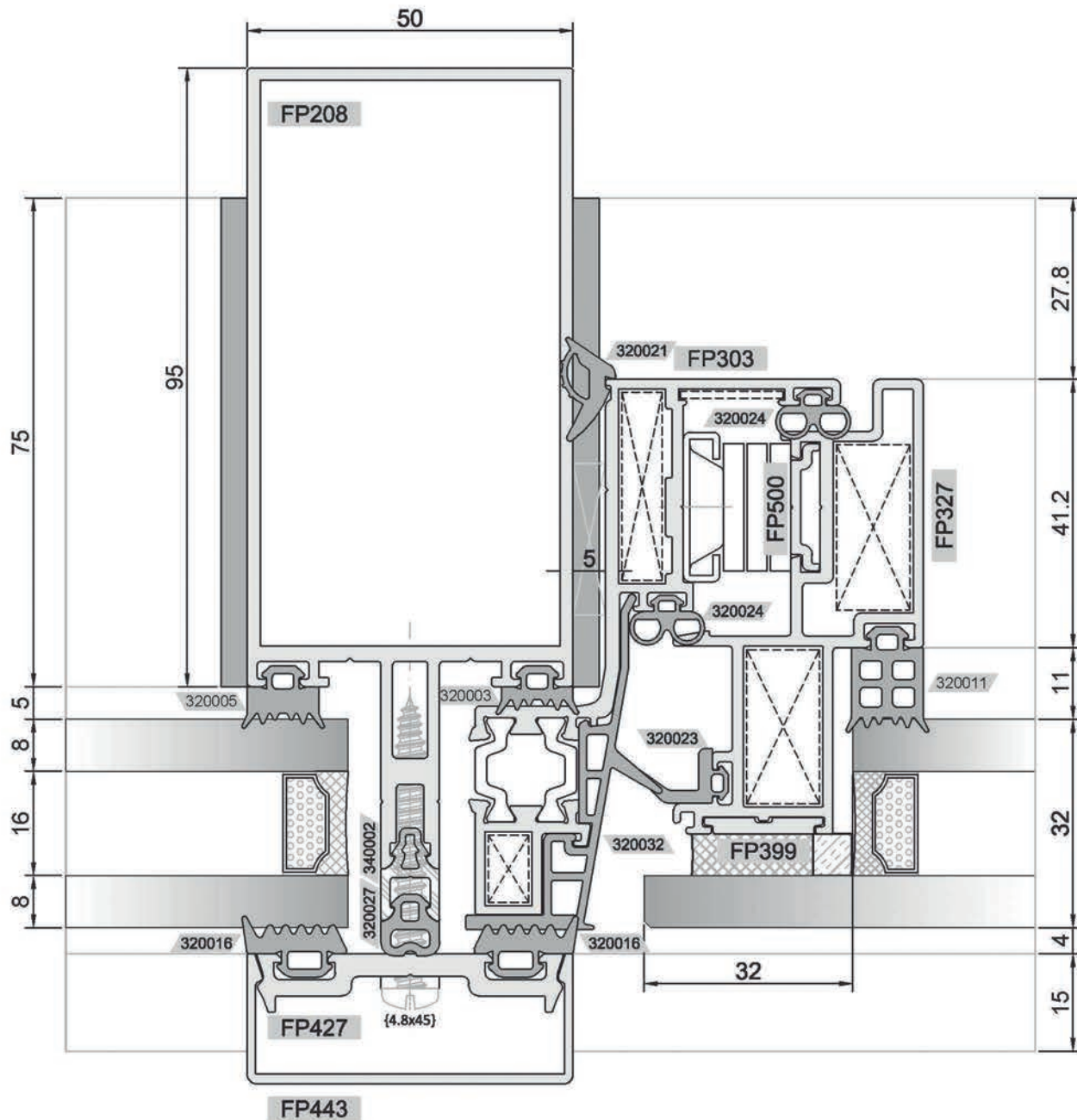
TOP HUNG OUTWARD OPENING HORIZONTAL DETAIL

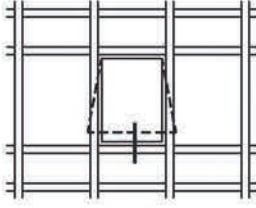




ALTERNATİF 2: YÜKSEK KAPASİTELİ KANAT
ALTERNATIVE 2 : HIGH CAPACITY SASH

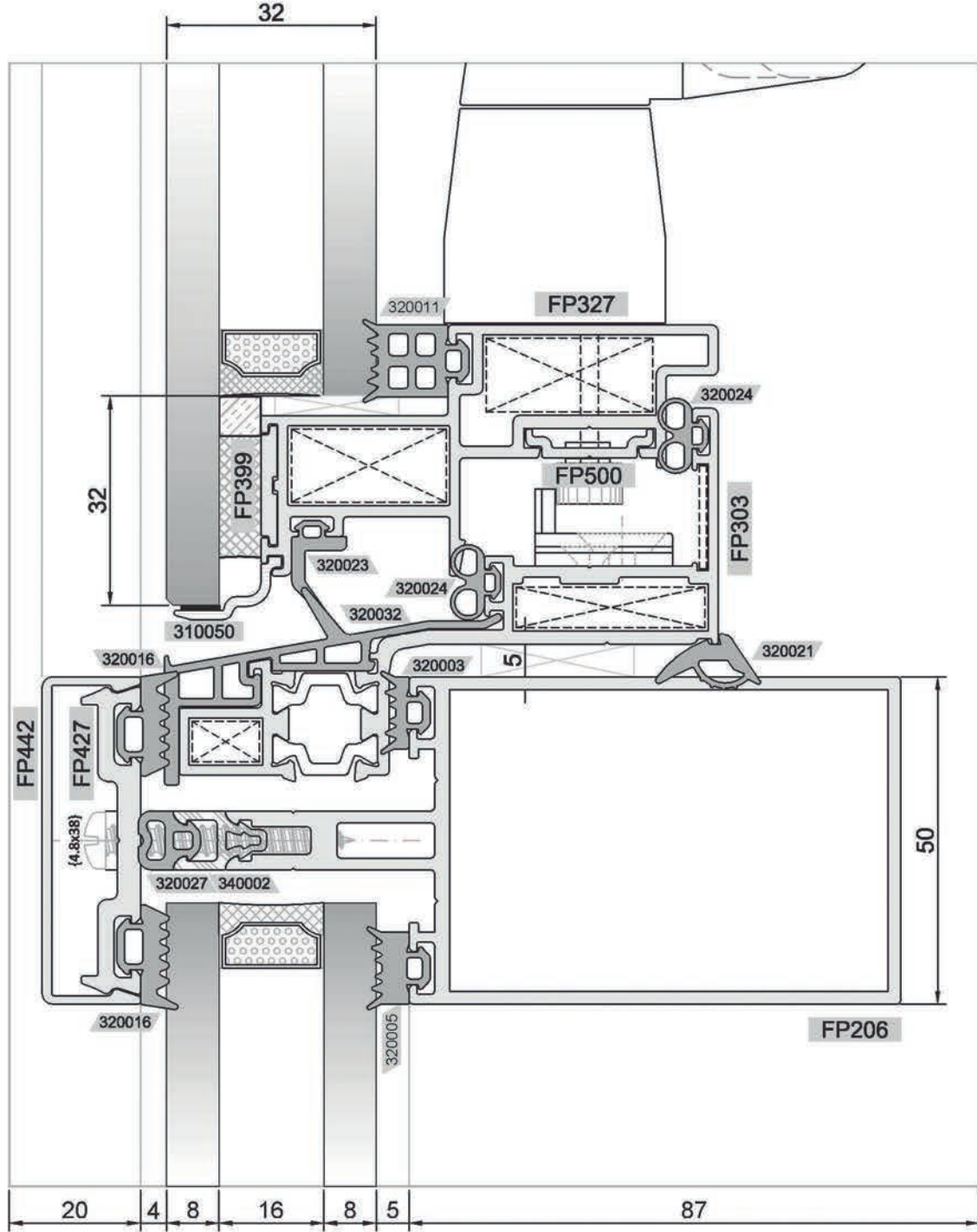
DIŞA AÇILIR KANAT DÜŞEY DETAYI
TOP HUNG OUTWARD OPENING VERTICAL DETAIL

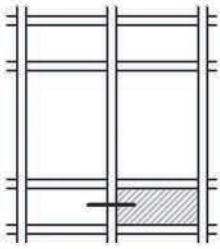




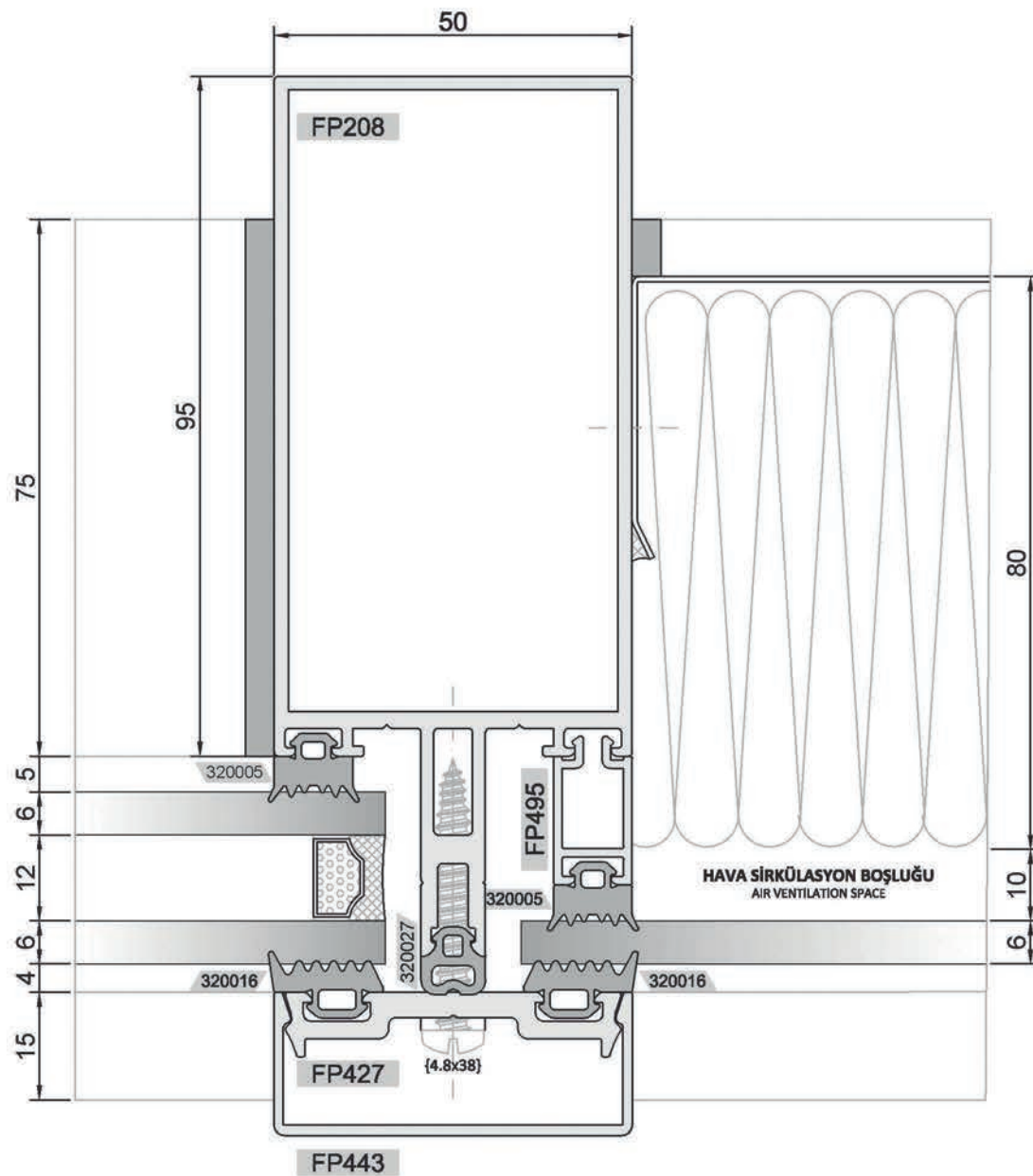
ALTERNATİF 2: YÜKSEK KAPASİTELİ KANAT
ALTERNATIVE 2 : HIGH CAPACITY SASH

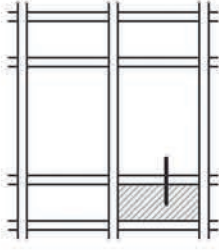
DIŞA AÇILIR KANAT YATAY DETAYI
TOP HUNG OUTWARD OPENING HORIZONTAL DETAIL



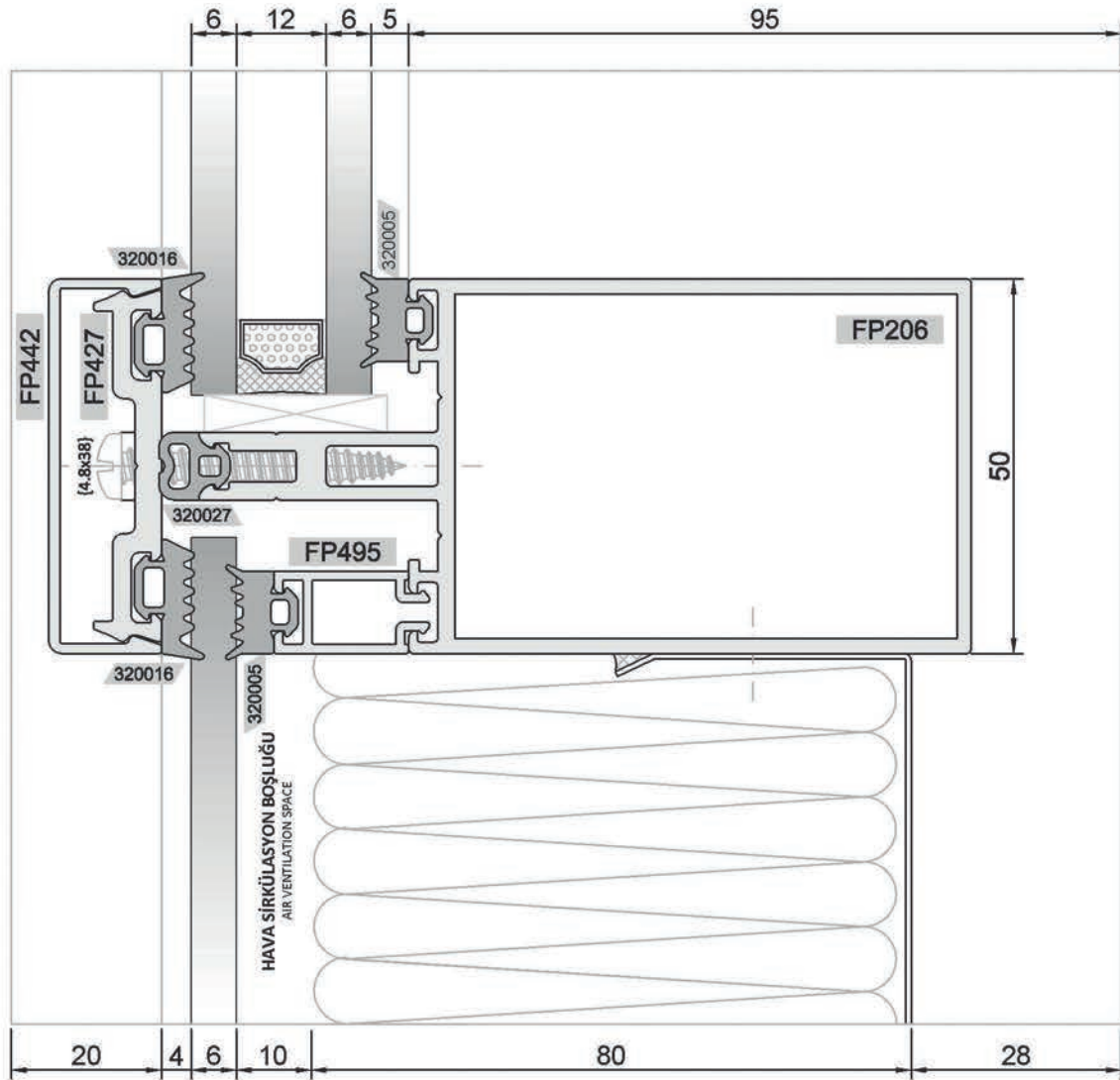


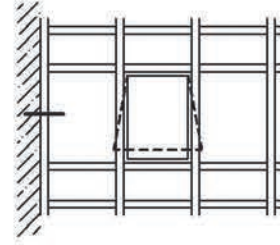
SPANDREL BÖLGE DÜŞEY DETAYI
SPANDREL AREA VERTICAL DETAIL



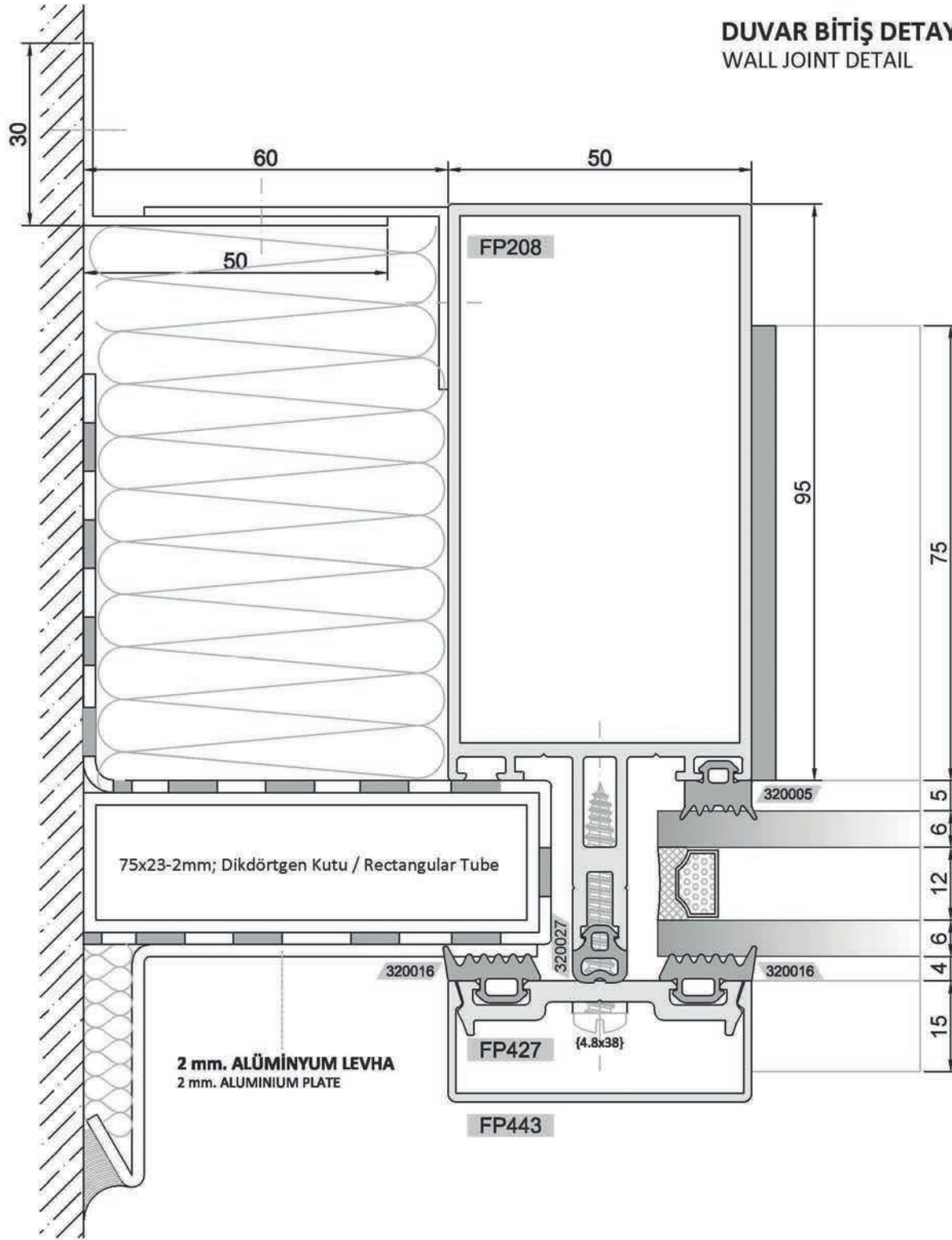


SPANDREL BÖLGE YATAY DETAYI
SPANDREL AREA HORIZONTAL DETAIL



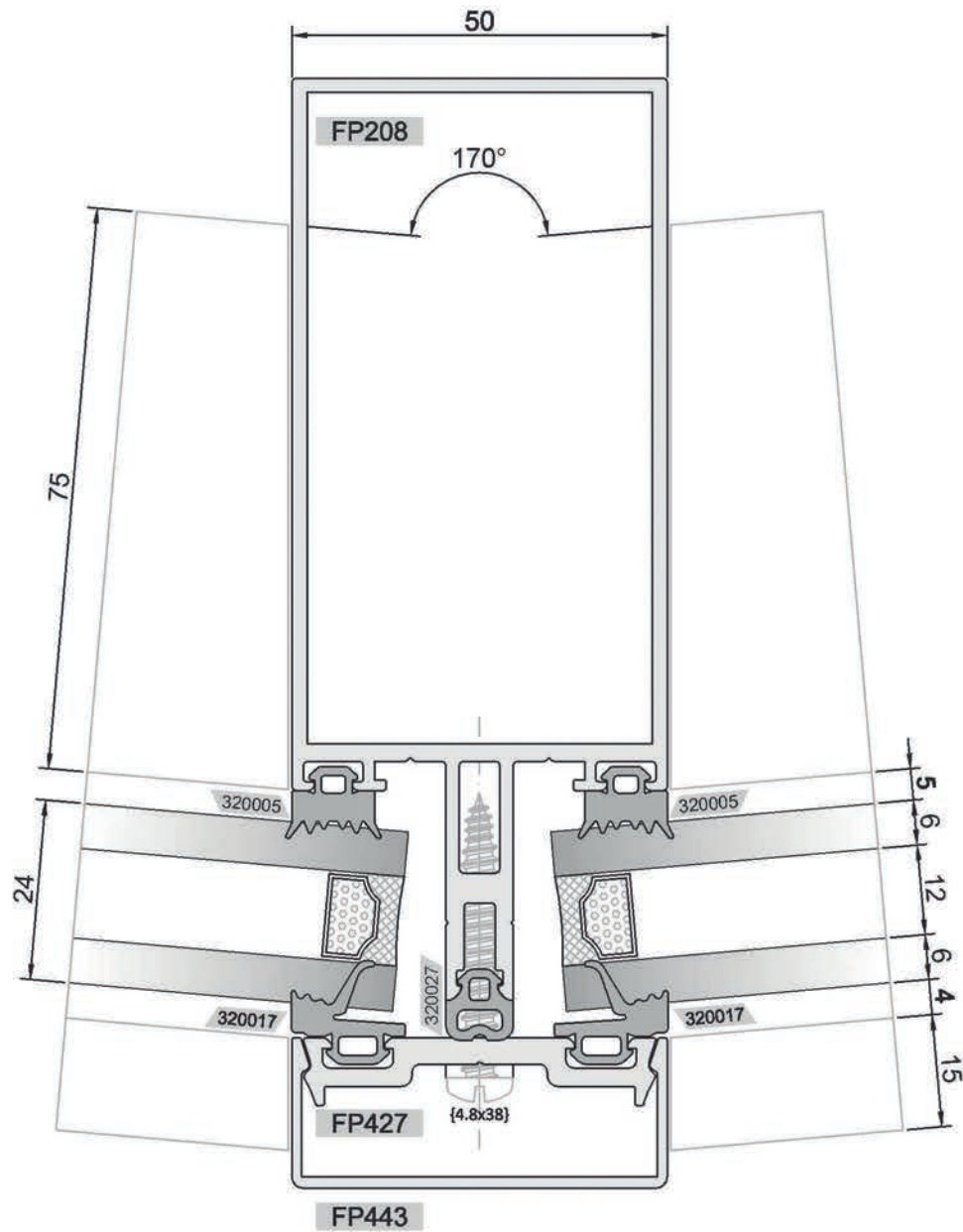


DUVAR BİTİŞ DETAYI
WALL JOINT DETAIL



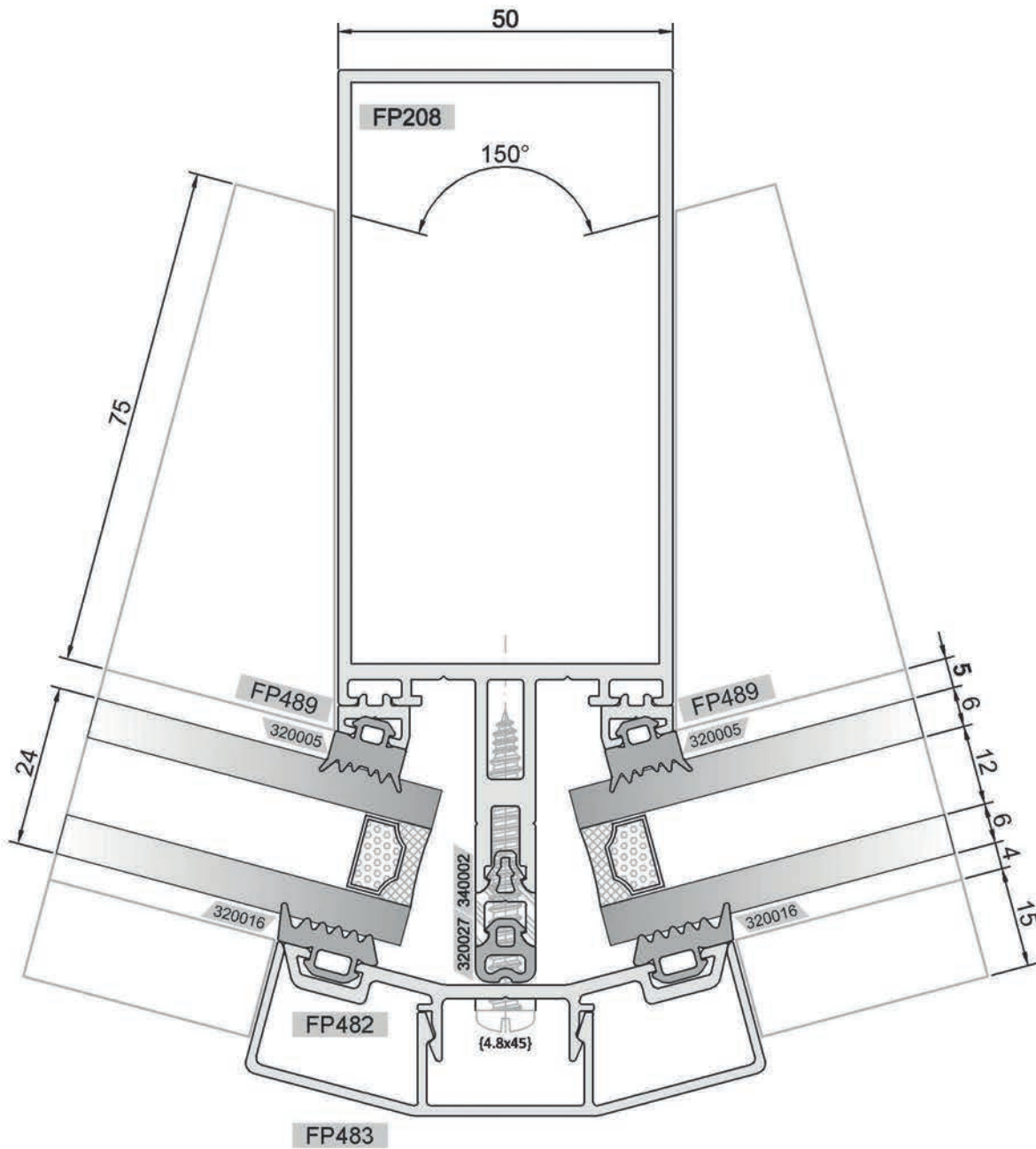


0° - 10°



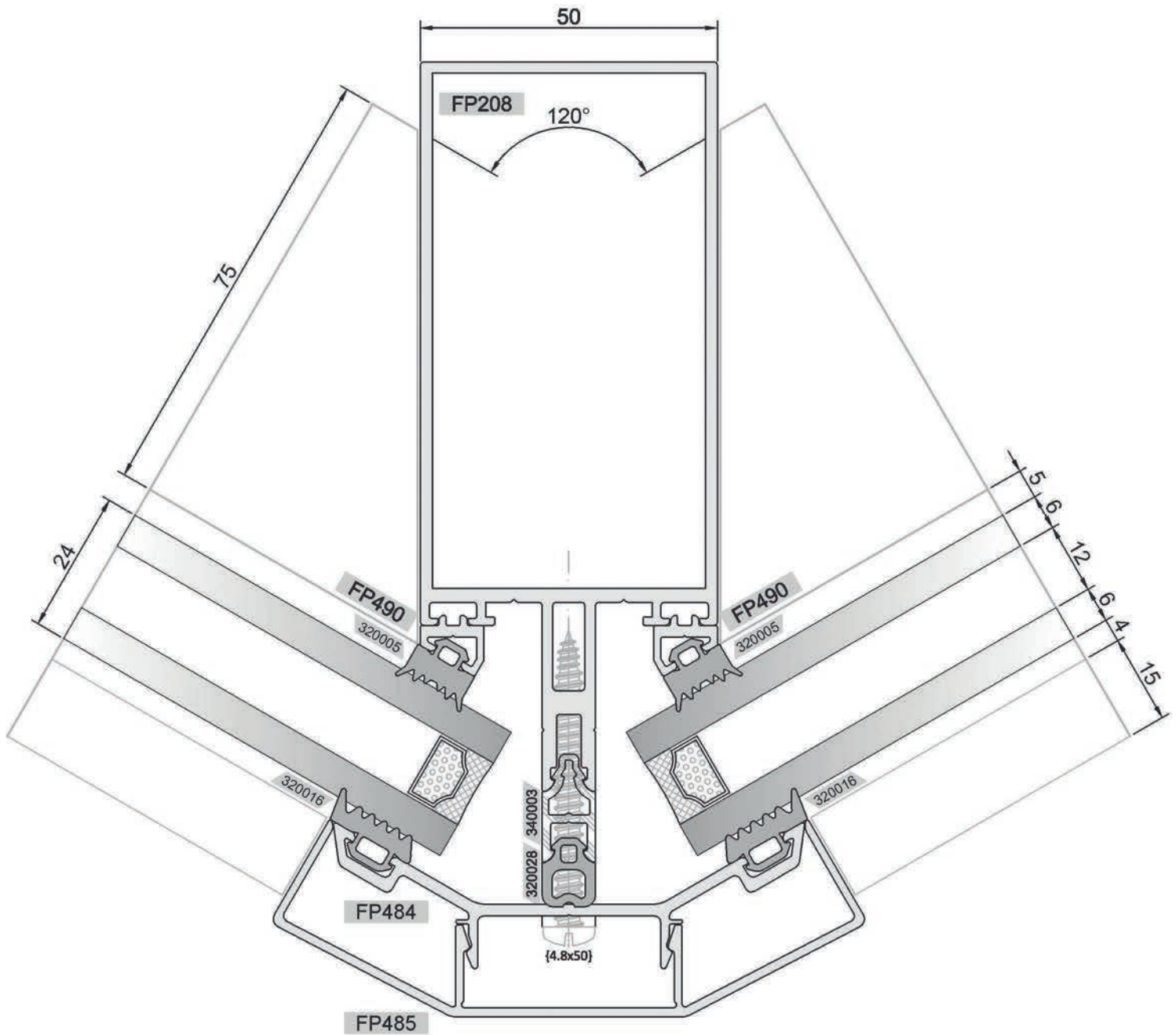


10° - 30°





30° - 60°

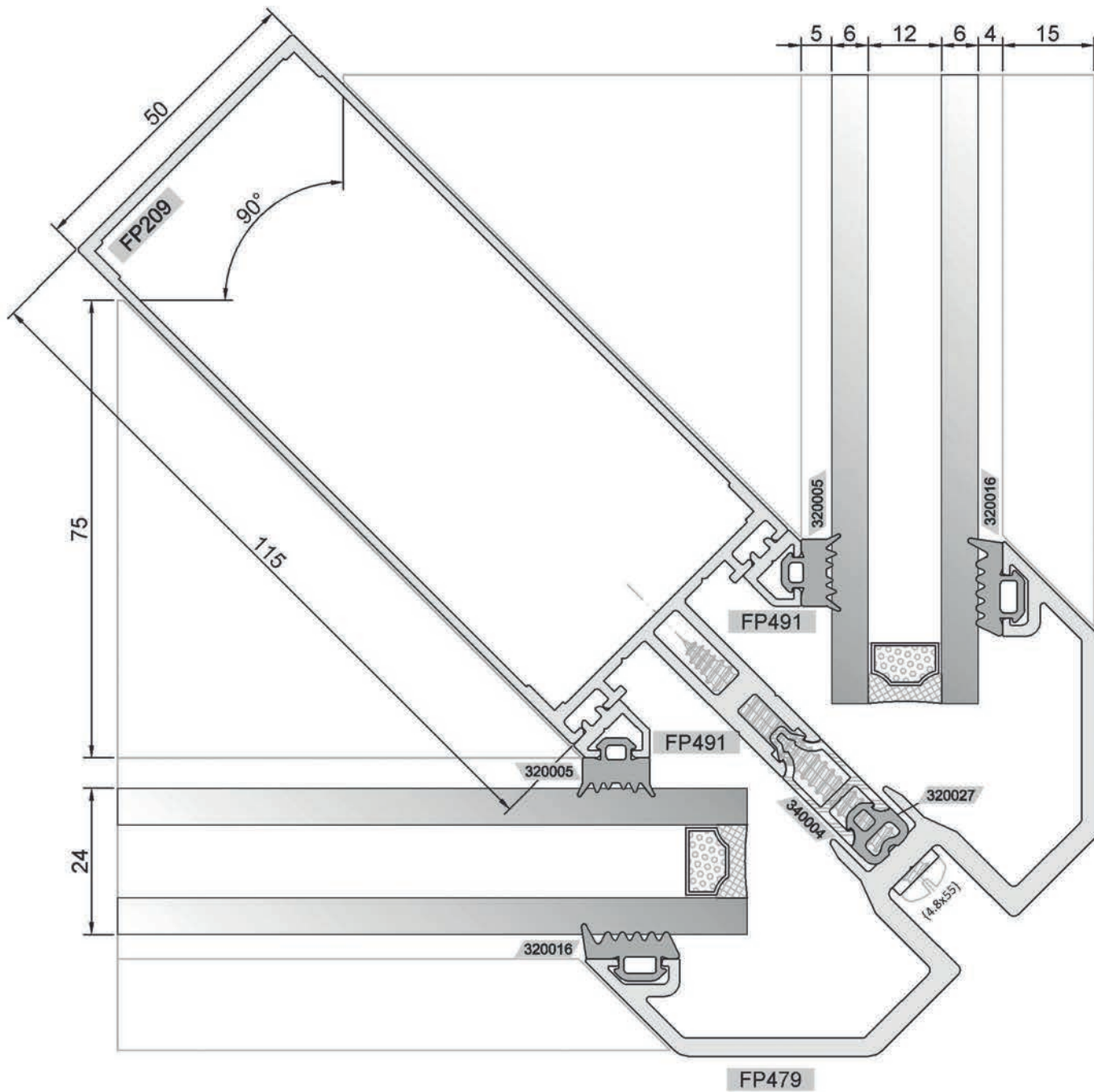


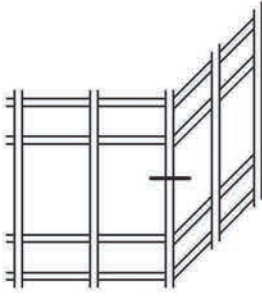


90°

ALTERNATİF 1: TEK KAPAKLI KÖŞE DETAYI

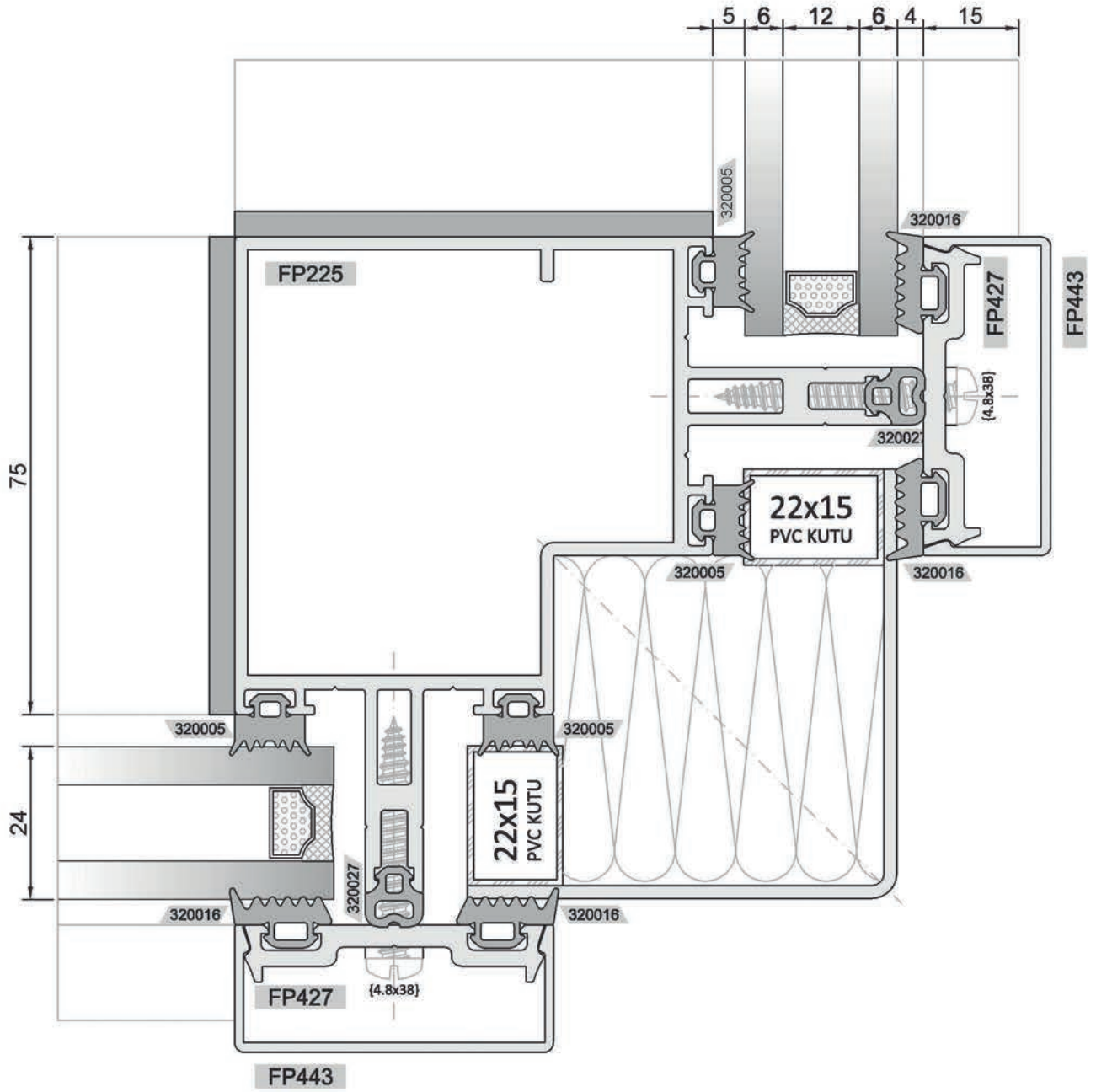
ALTERNATIVE 1 : CORNER DETAIL WITH SINGLE CAP





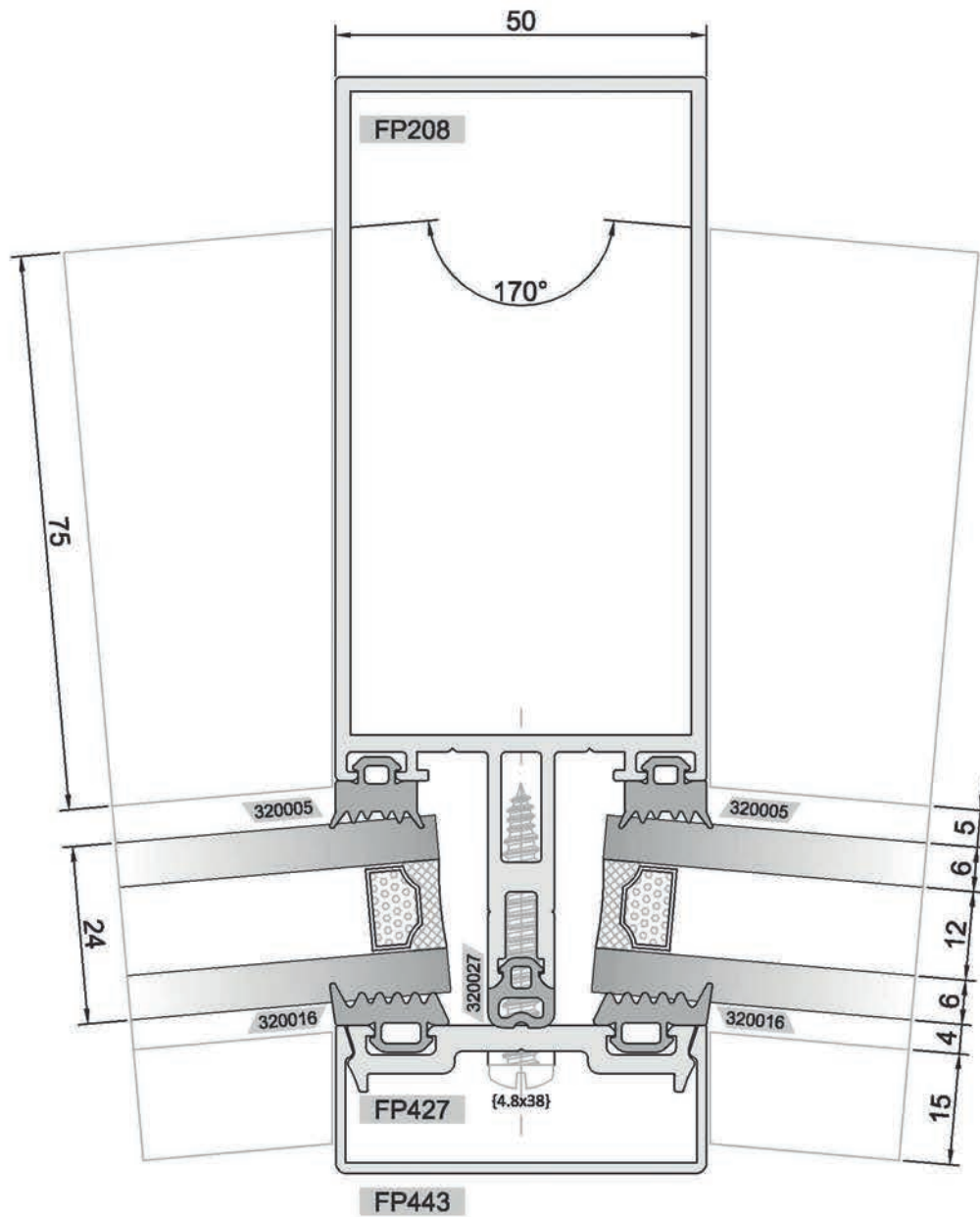
90°

ALTERNATİF 2: ÇİFT KAPAKLI KÖŞE DETAYI
ALTERNATIVE 2 : CORNER DETAIL WITH DOUBLE CAP



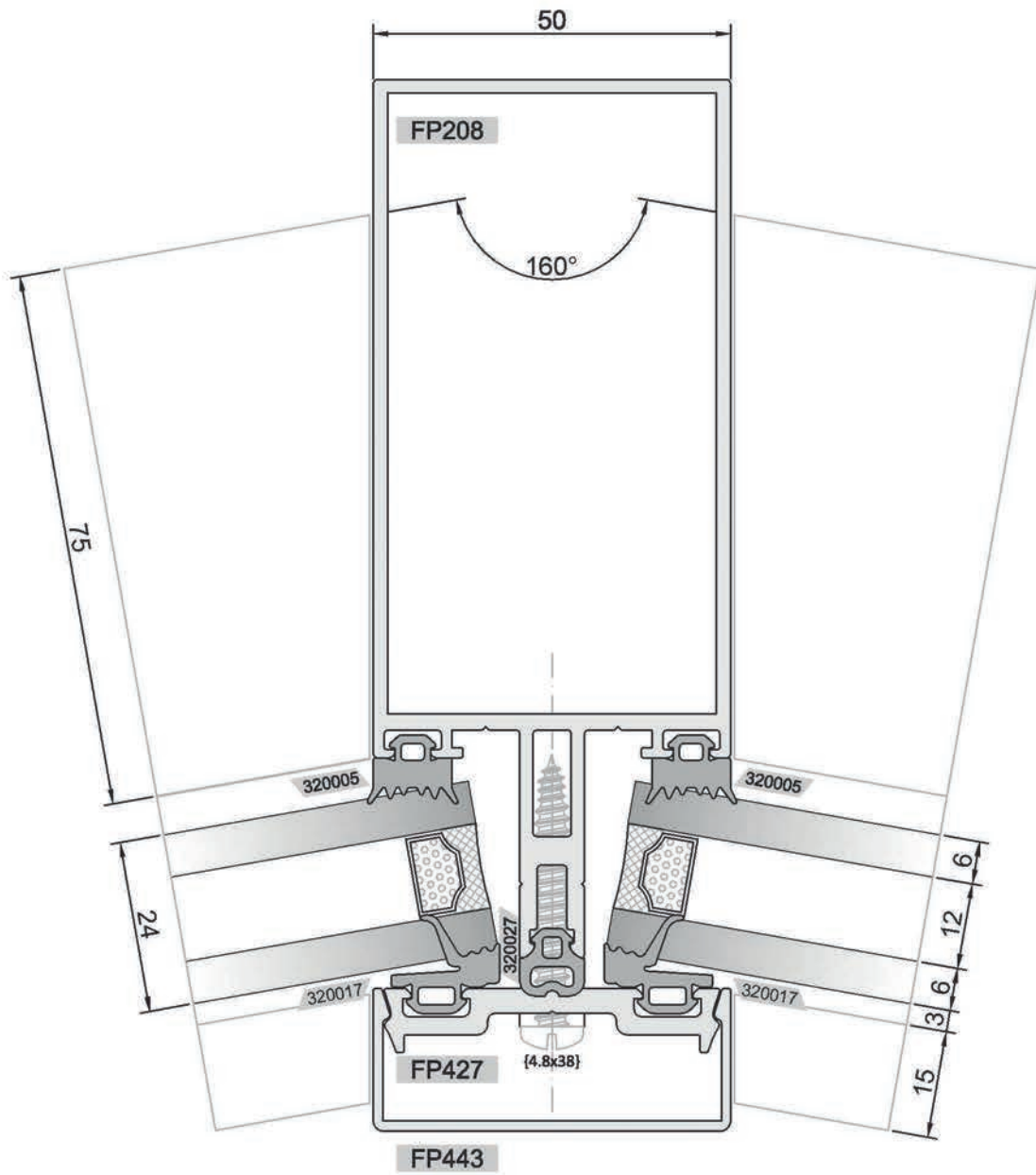


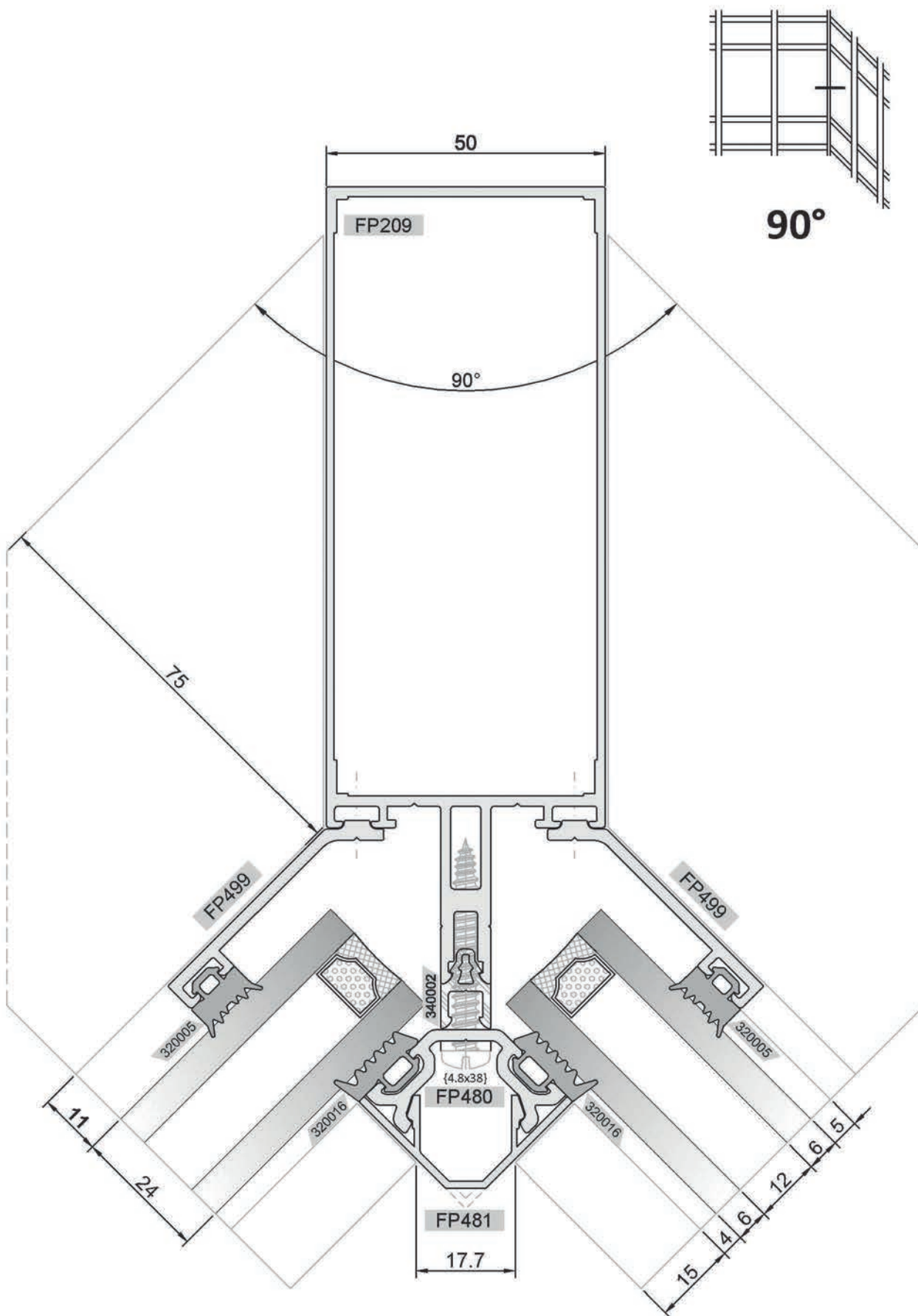
10° - 0°

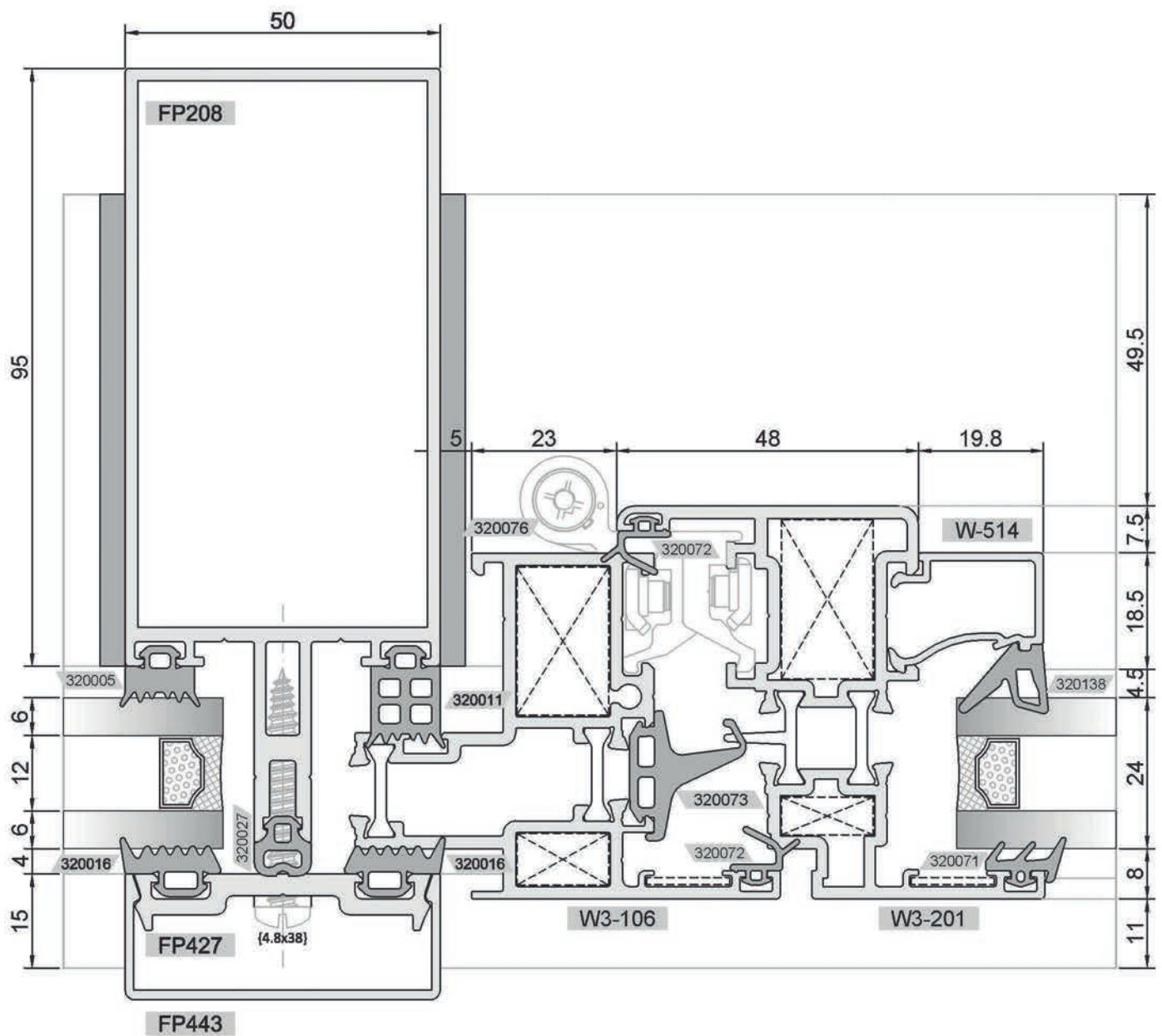


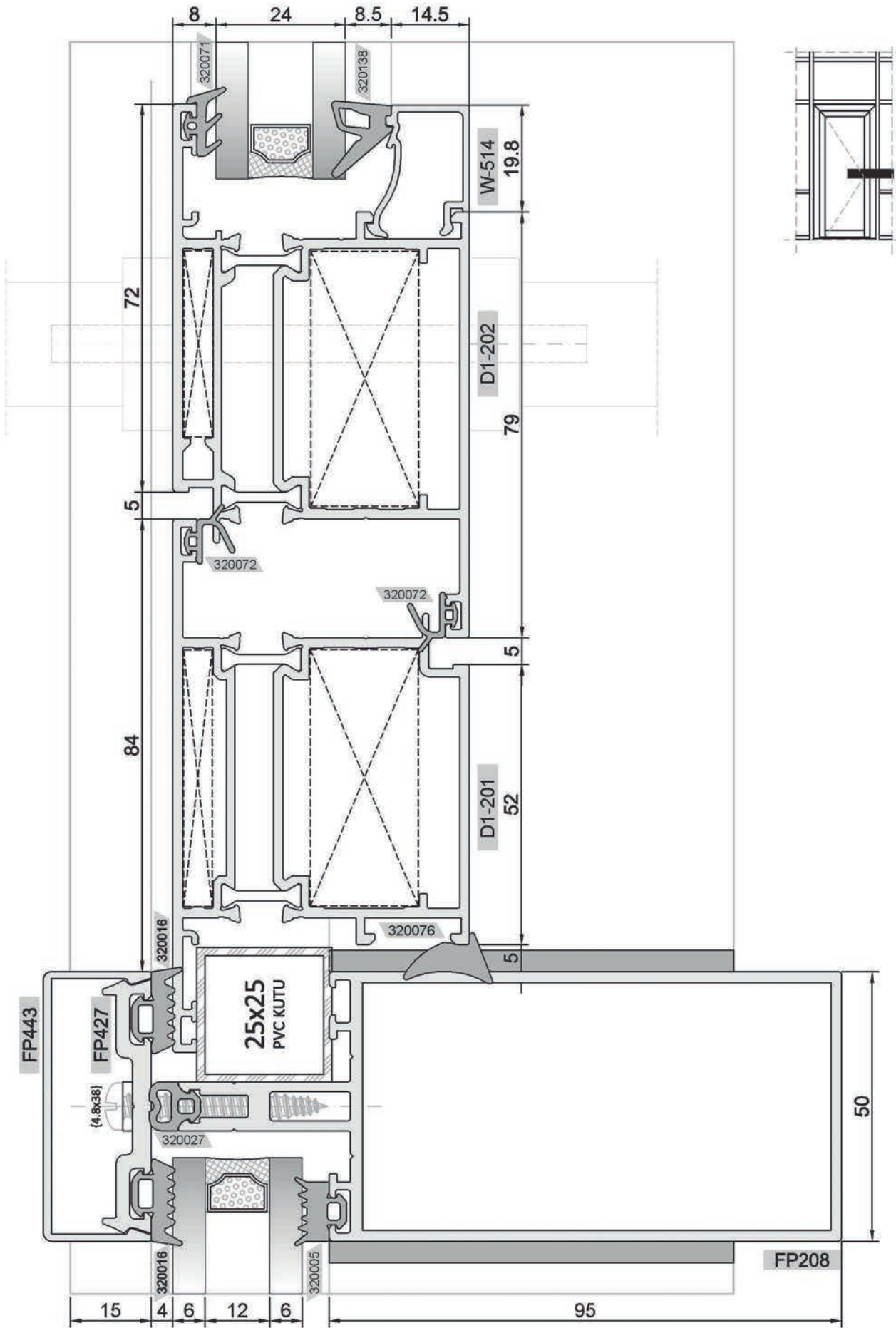


20° - 10°

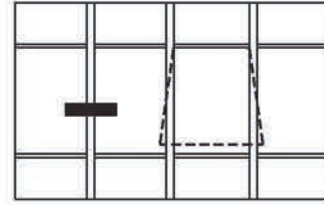




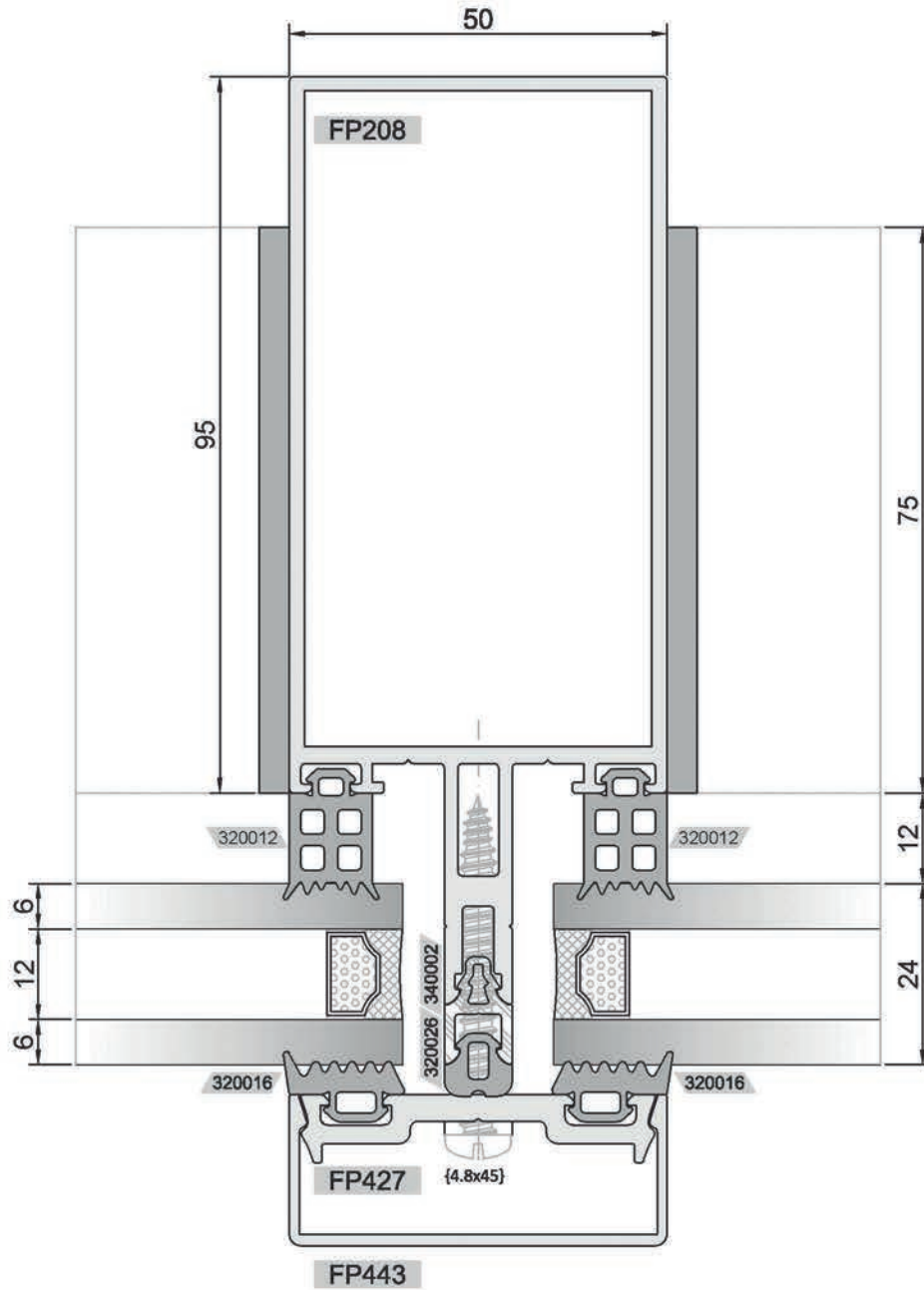




YARI KAPAKLI SİSTEM (CAM ARA KİTLEMESİZ)
SEMI CAPPED SYSTEM (WITHOUT LOCKING BETWEEN GLASS)

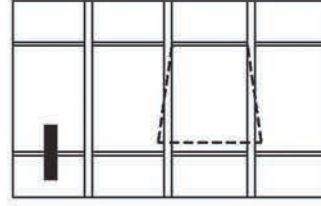


Düşey/Vertical: Kapaklı/Capped
Yatay/Horizontal: Silikon/Structural Glazing

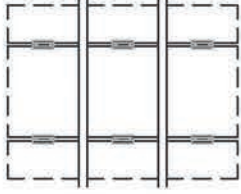


YARI KAPAKLI SİSTEM (CAM ARA KİTLEMESİZ)

SEMI CAPPED SYSTEM (WITHOUT LOCKING BETWEEN GLASS)



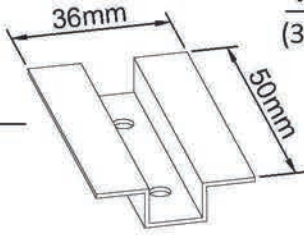
Düşey/Vertical: Kapaklı/Capped
Yatay/Horizontal: Silikon/Structural Glazing



HER CAMA 2 ADET GELECEK ŞEKİLDE ALTTA VE ÜSTTE TAM ORTADA KONUMLANDIRILMALI VE SİLİKON İŞLEMİNDEN ÖNCE 2 VİDA İLE BAĞLANMALIDIR.

IT SHOULD BE PLACED TOP&BOTTOM AT THE MIDDLE WITH 2 PIECES FOR EACH GLASS. AND IT SHOULD INSTALL WITH 2 SCREWS BEFORE THE SILICONE PROCESS.

460077
(360077)

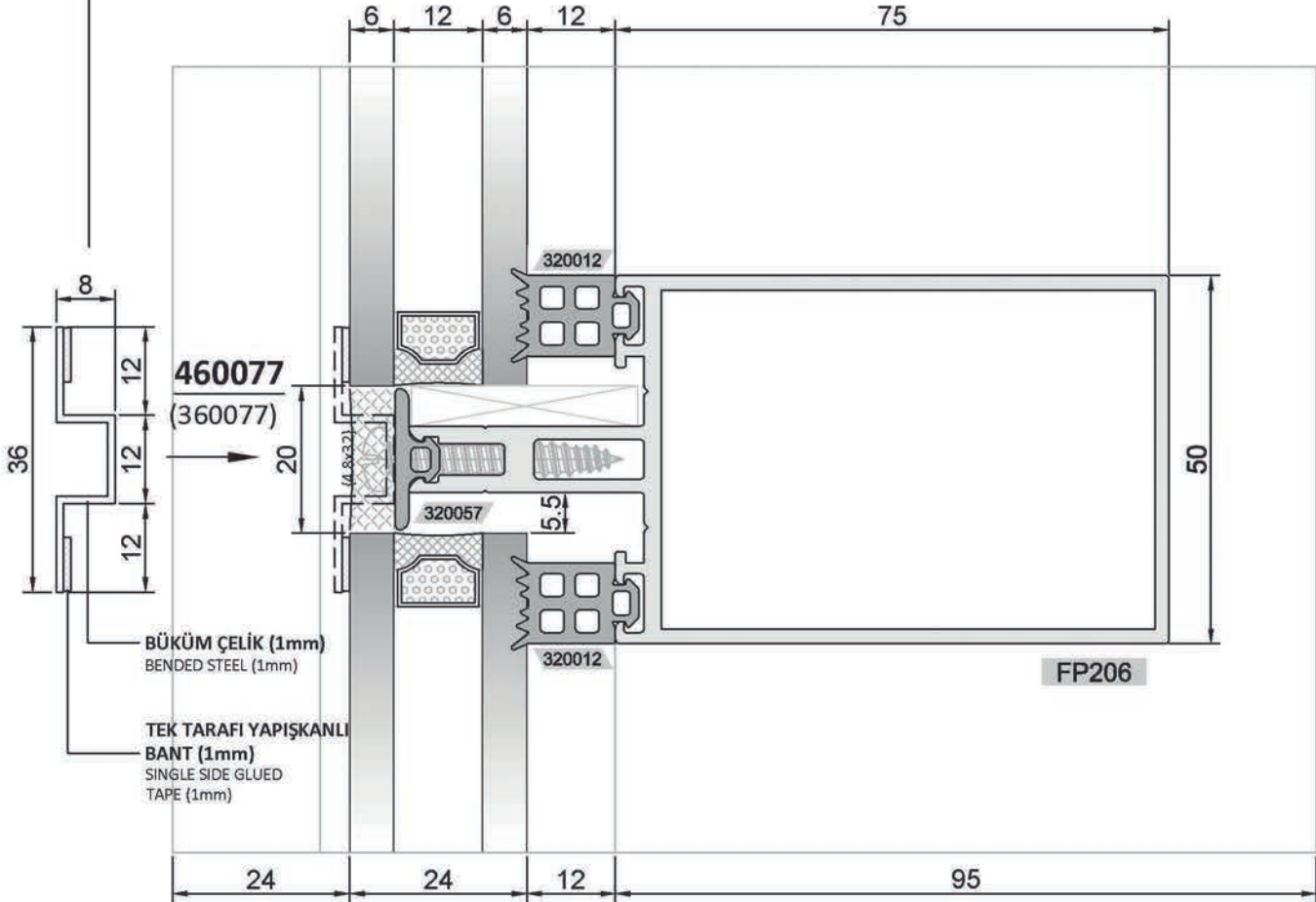


İLAVE GÜVENLİK PARÇASI
ADDITIONAL SAFETY PIECE

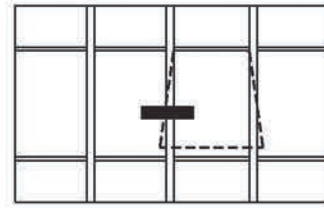


YATAY AKSLAR 1 METREDEN BÜYÜKSE DERZLERİN ORTASINA GÜVENLİK PARÇASI EKLENMELİDİR. BU PARÇA 5CM BOYUNDA VE SİYAH TOZ BOYALIDIR.

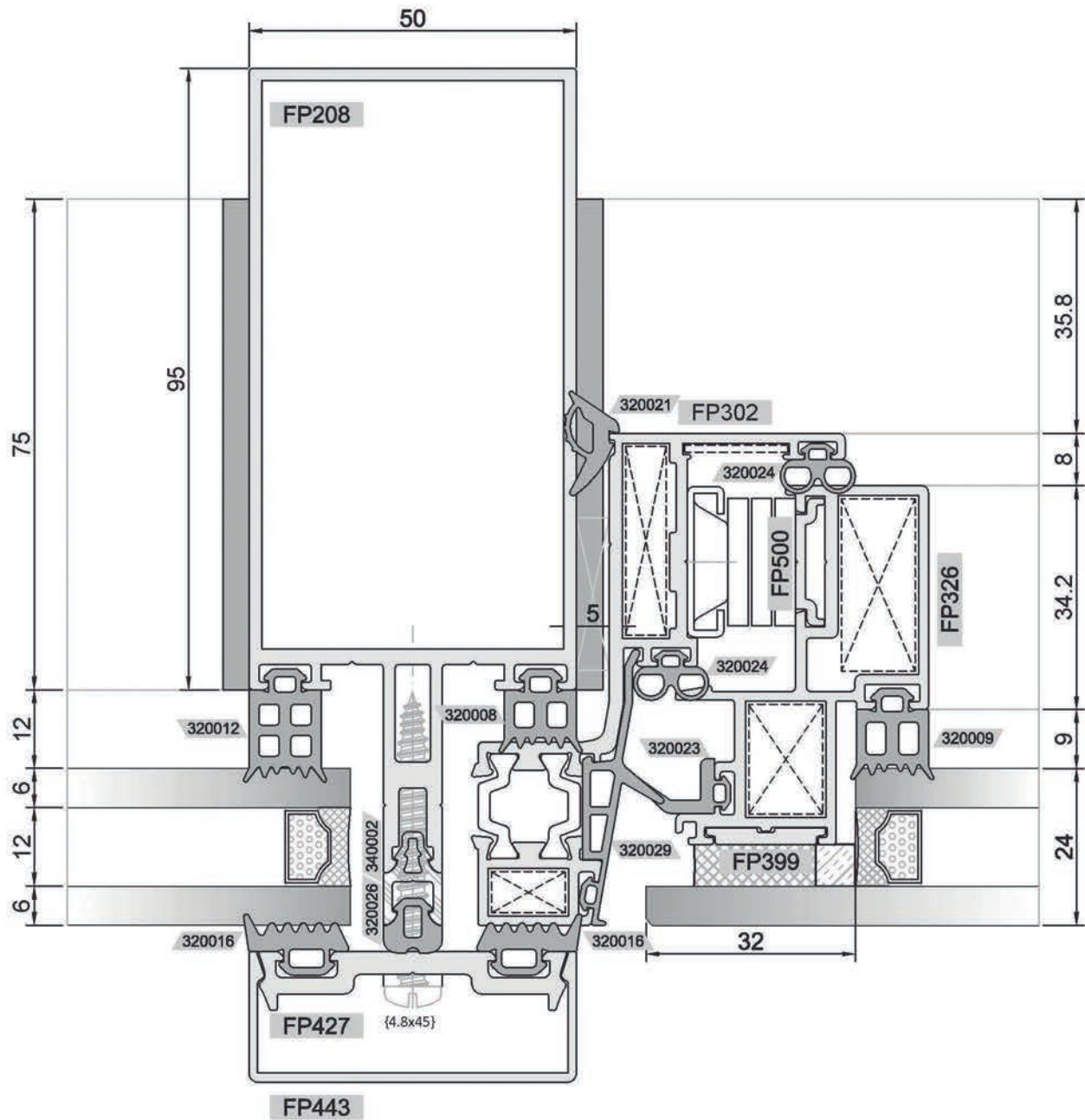
IF THE HORIZONTAL AXIS GREATER THAN 1M, THE ADDITIONAL SECURITY PIECE SHOULD BE USED AT THE MIDDLE OF EXPANSION JOINTS AS SHOWN BELOW. IT IS 5CM LONG AND BLACK POWDER COATED.

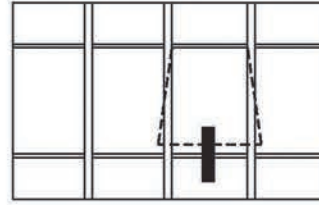


YARI KAPAKLI SİSTEM (CAM ARA KİTLEMESİZ)
SEMI CAPPED SYSTEM (WITHOUT LOCKING BETWEEN GLASS)

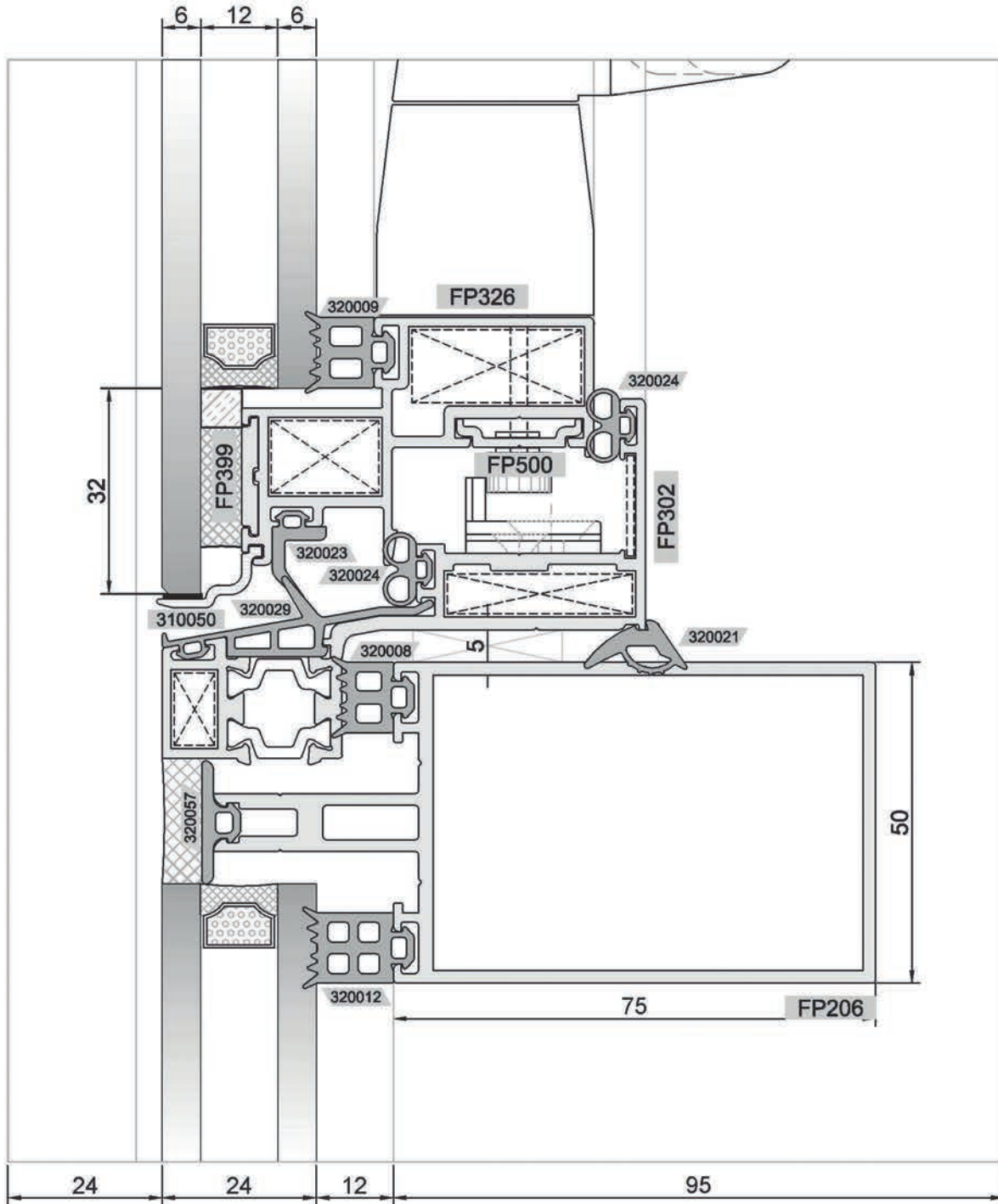


Düşey/Vertical: Kapaklı/Capped
Yatay/Horizontal: Silikon/Structural Glazing

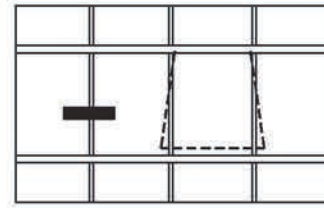


YARI KAPAKLI SİSTEM (CAM ARA KİTLEMESİZ)
SEMI CAPPED SYSTEM (WITHOUT LOCKING BETWEEN GLASS)

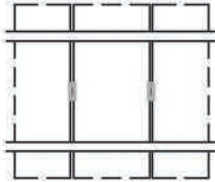
Düşey/Vertical: Kapaklı/Capped
Yatay/Horizontal: Silikon/Structural Glazing



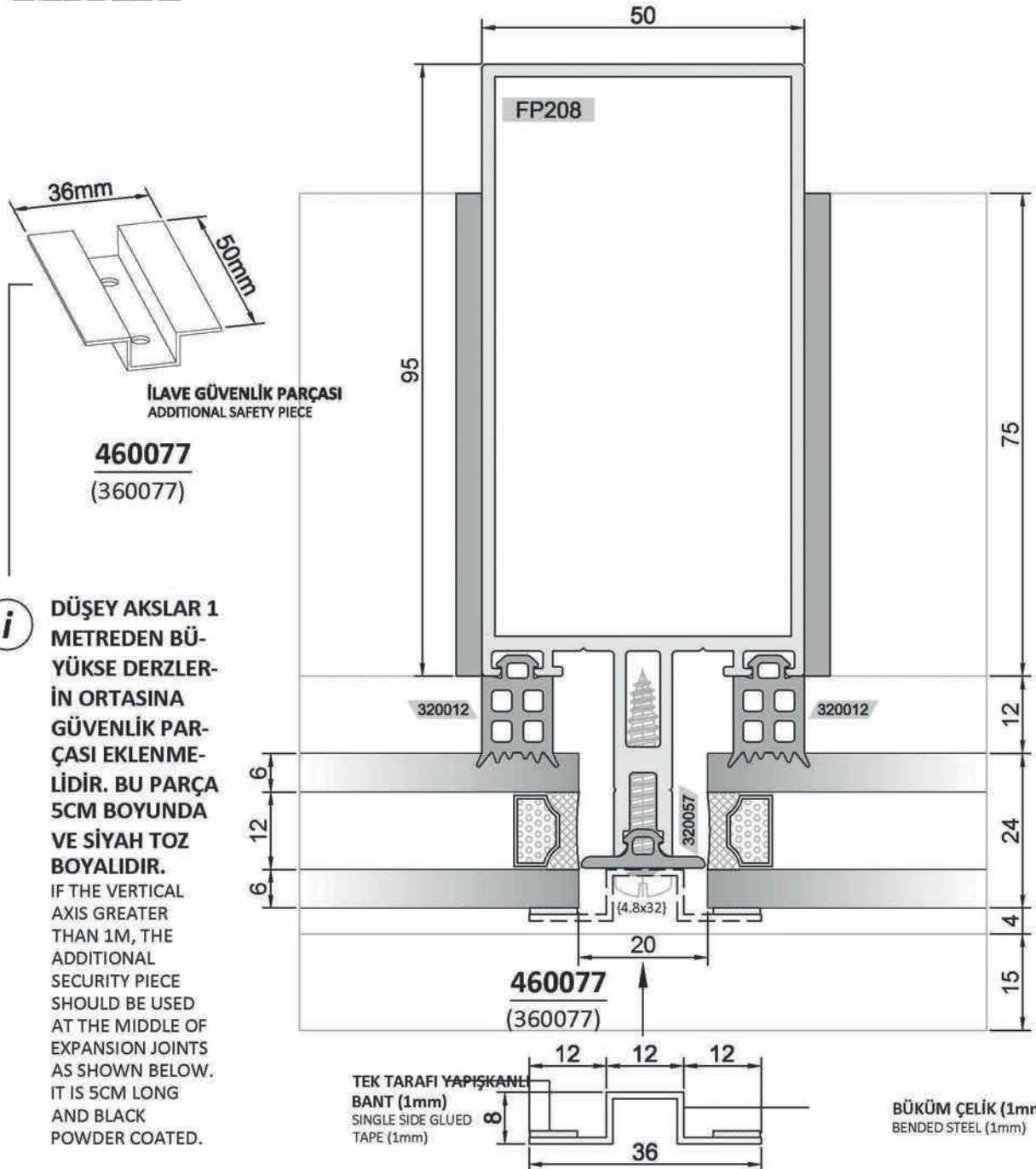
YARI KAPAKLI SİSTEM (CAM ARA KİTLEMESİZ)

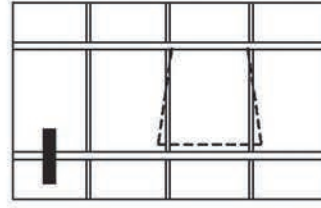


Düşey/Vertical: Silikon/Structural Glazing
Yatay/Horizontal: Kapaklı/Capped

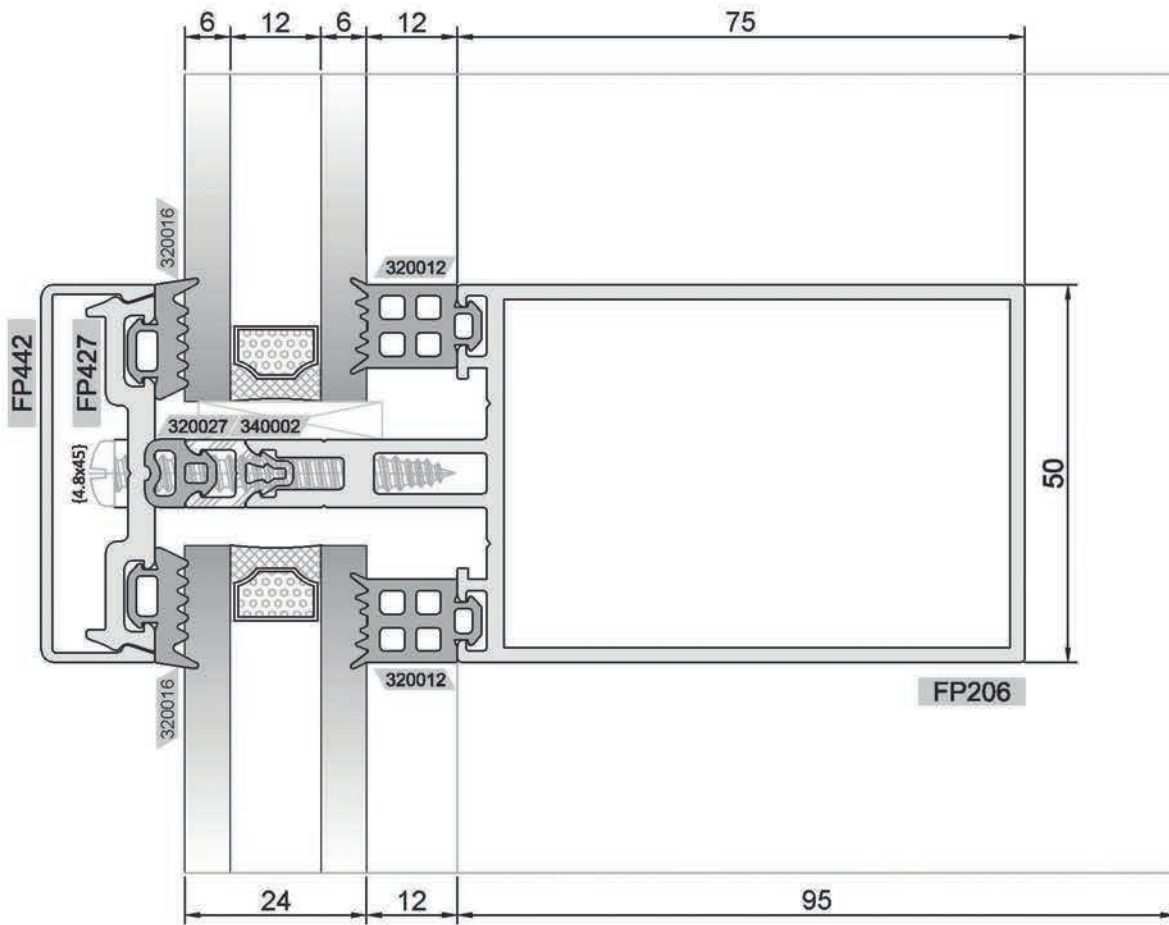


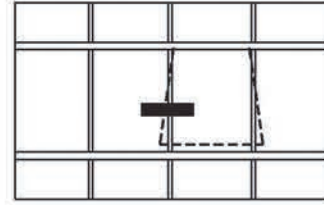
HER CAMA 2 ADET GELECEK ŞEKİLDE SAĞDA VE SOLDA TAM ORTADA KONUMLANDIRILMALI VE SİLİKON İŞLEMİNDEN ÖNCE 2 VİDA İLE BAĞLANMALIDIR.
IT SHOULD BE PLACED RIGHT&LEFT AT THE MIDDLE WITH 2 PIECES FOR EACH GLASS. AND IT SHOULD INSTALL WITH 2 SCREWS BEFORE THE SILICONE PROCESS.



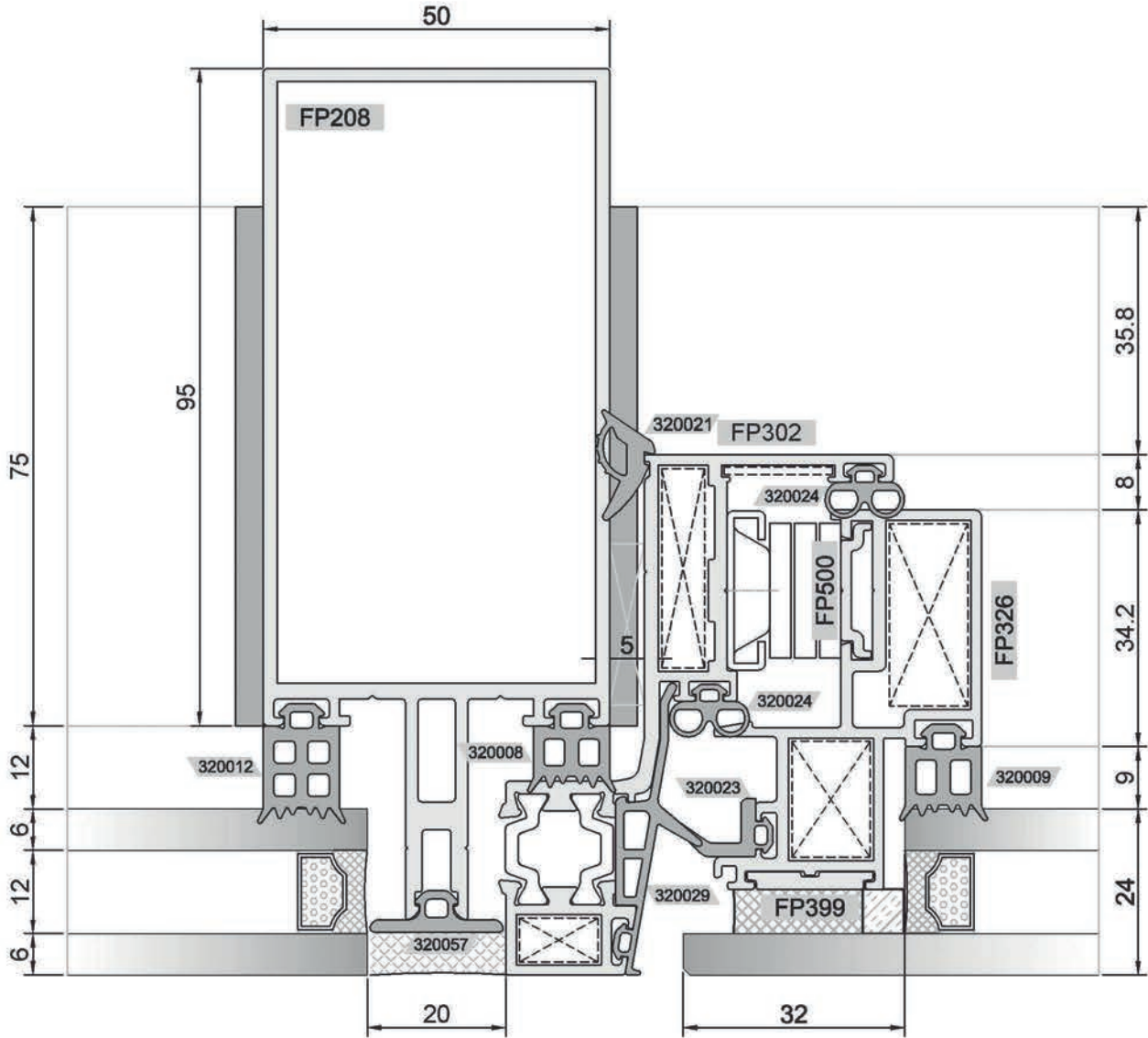
YARI KAPAKLI SİSTEM (CAM ARA KİTLEMESİZ)
SEMI CAPPED SYSTEM (WITHOUT LOCKING BETWEEN GLASS)

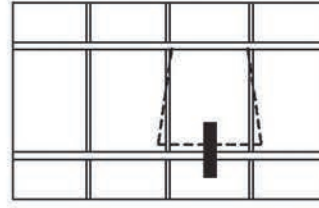
Düşey/Vertical: Silikon/Structural Glazing
Yatay/Horizontal: Kapaklı/Capped



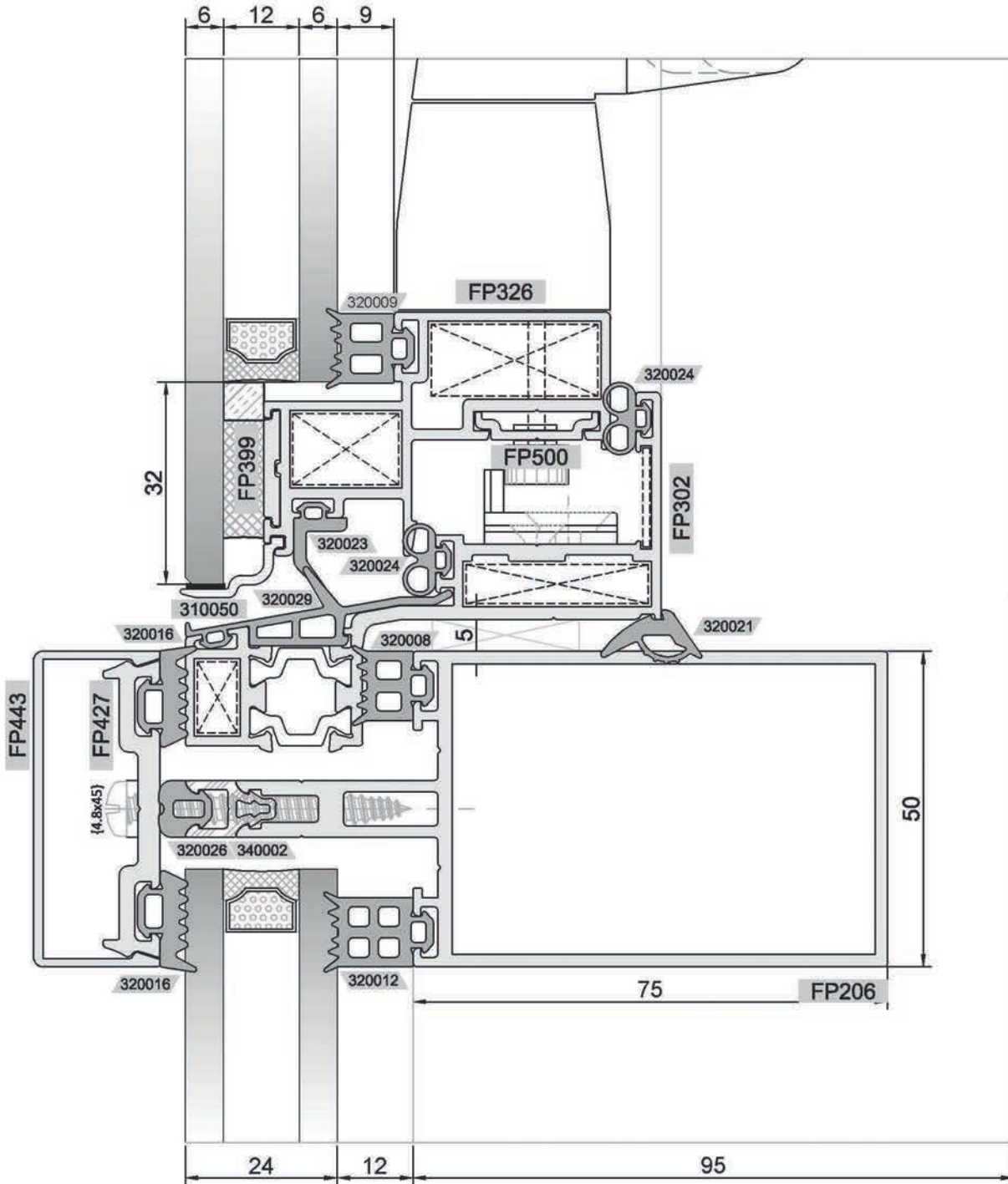
YARI KAPAKLI SİSTEM (CAM ARA KİTLEMESİZ)
SEMI CAPPED SYSTEM (WITHOUT LOCKING BETWEEN GLASS)

Düşey/Vertical: Silikon/Structural Glazing
Yatay/Horizontal: Kapaklı/Capped



YARI KAPAKLI SİSTEM (CAM ARA KİTLEMESİZ)
SEMI CAPPED SYSTEM (WITHOUT LOCKING BETWEEN GLASS)

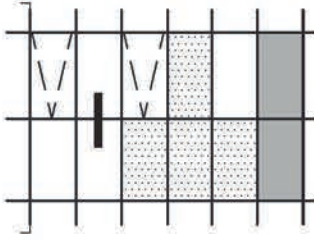
Düşey/Vertical: Silikon/Structural Glazing
Yatay/Horizontal: Kapaklı/Capped



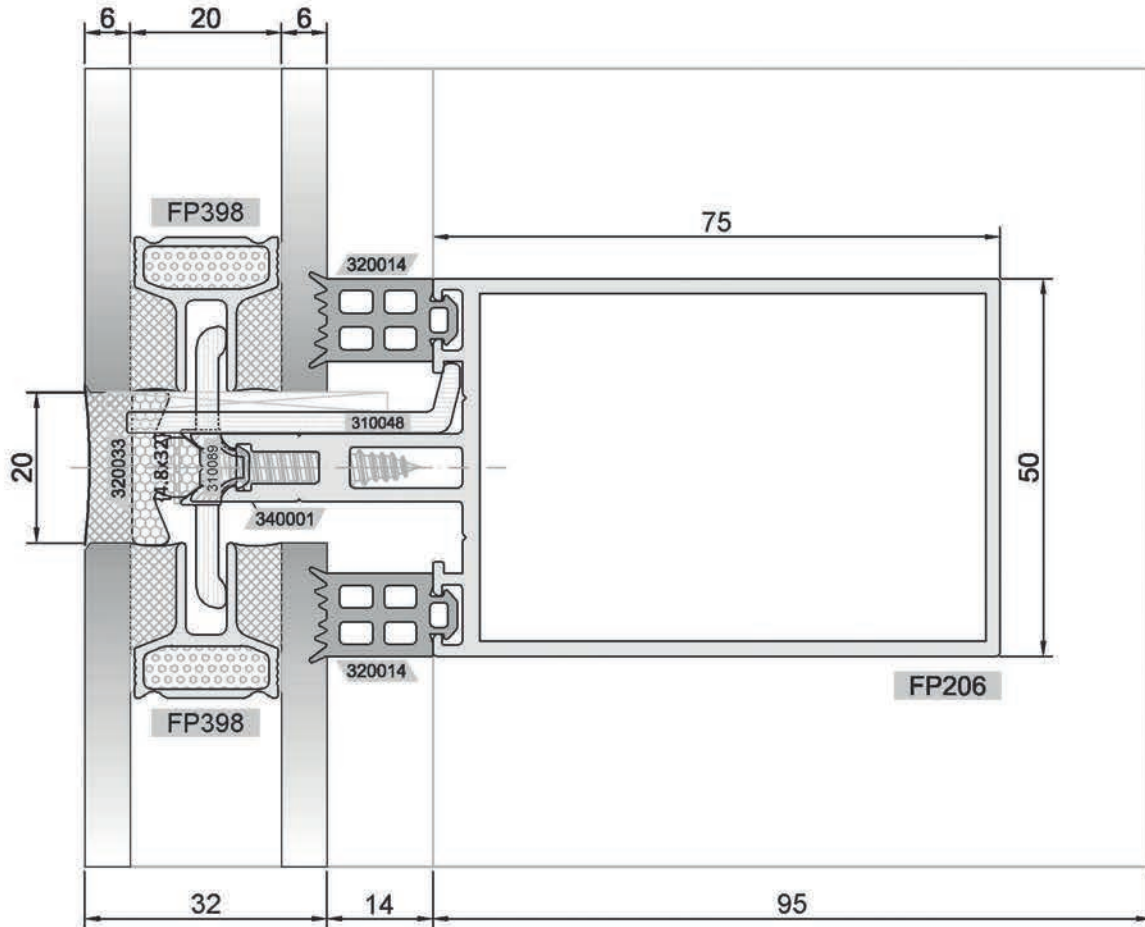
ENTEĞRE CEPHE INTEGRATED CURTAIN WALL

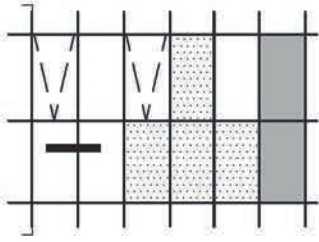


* 20mm STANDART
ALÜMİNYUM ISICAM
ÇİTASI
20mm STANDARD
ALUMINIUM SPACER



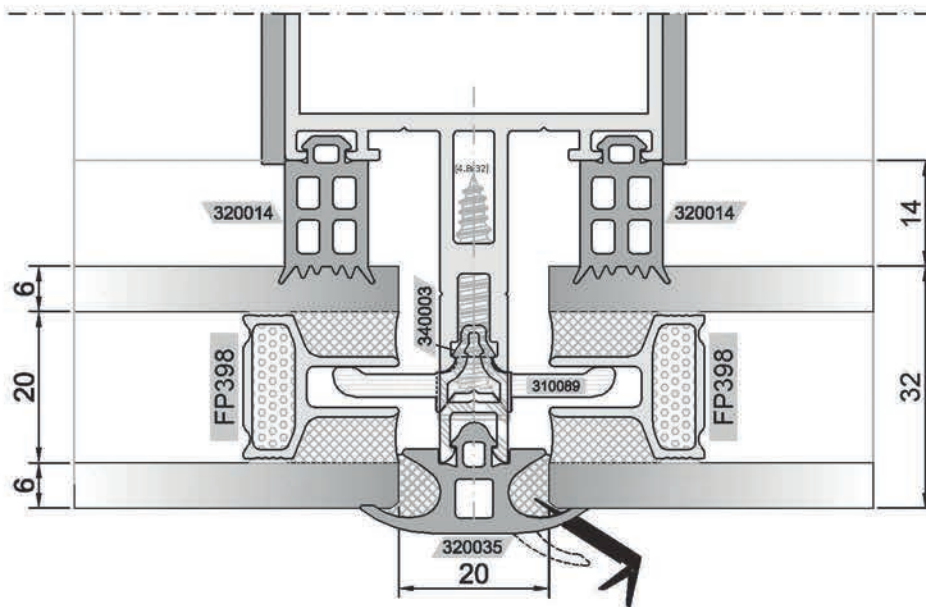
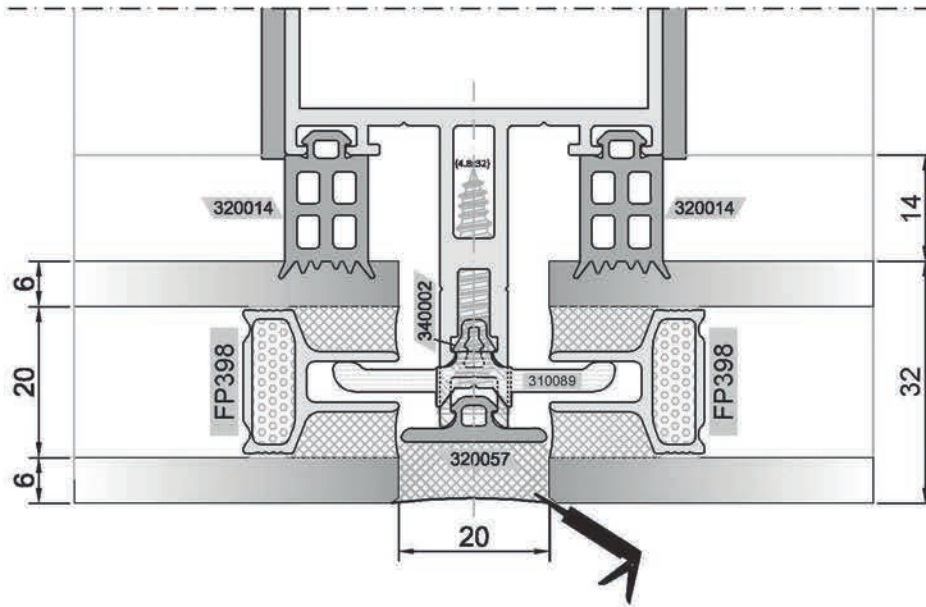
YATAY DETAYI
HORIZONTAL DETAIL

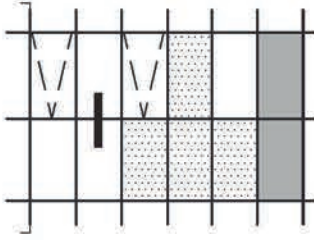




SİLİKON DERZ FİTİLİ ALTERNATİFLERİ SILICONE SEAM GASKET ALTERNATIVES

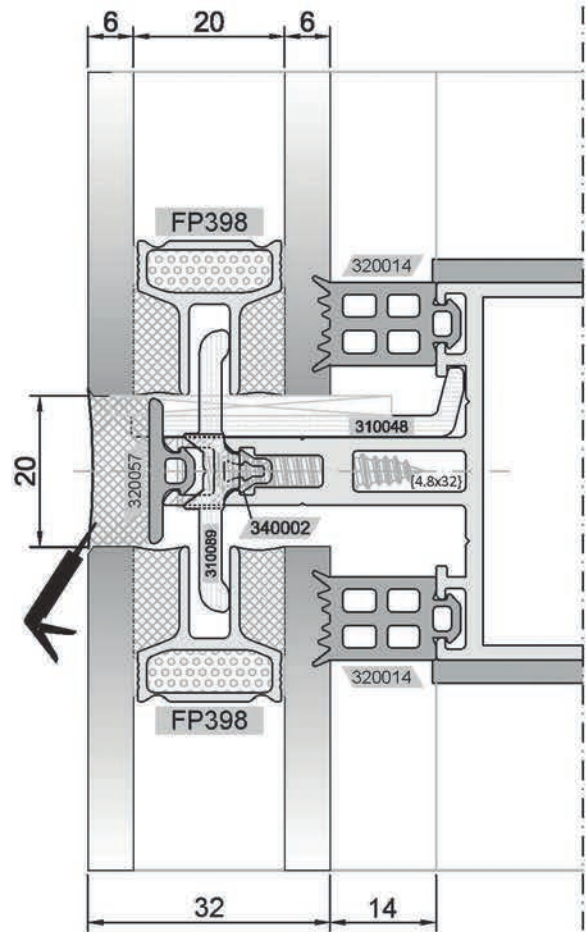
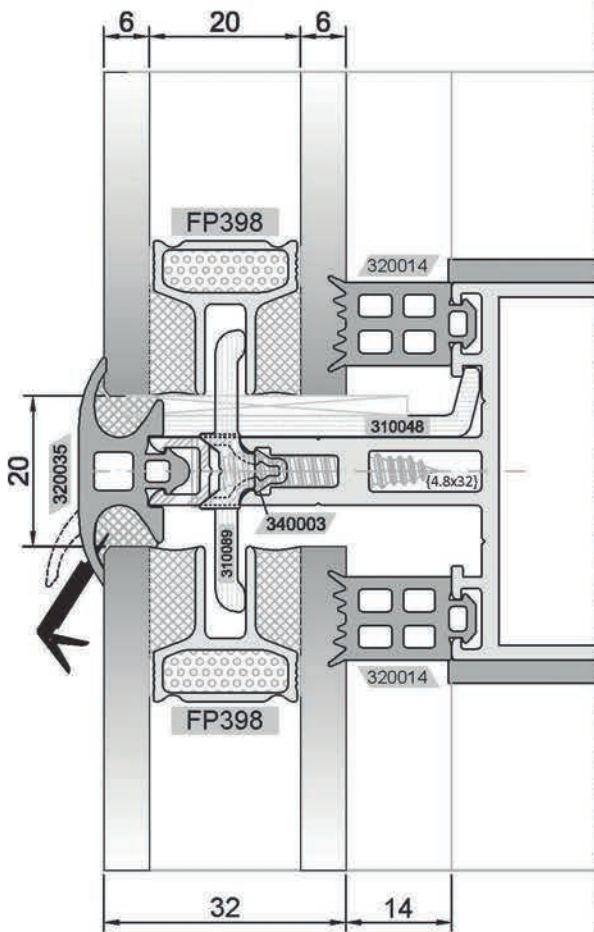
DÜŞEY DETAYI VERTICAL DETAIL

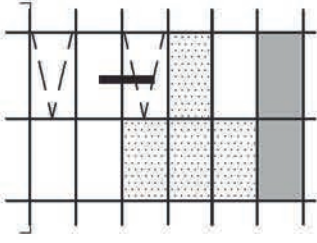




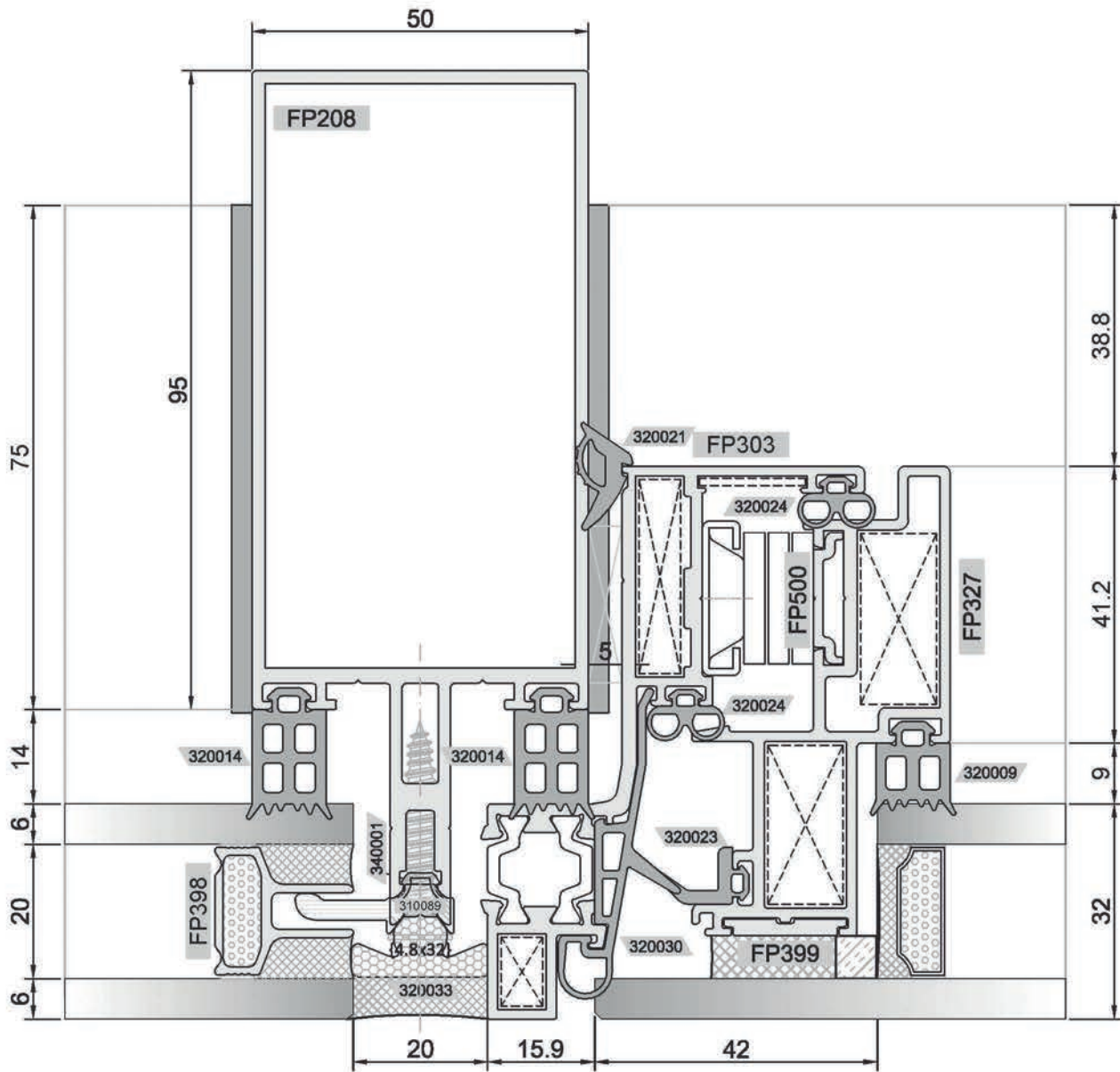
SİLİKON DERZ FİTİLİ ALTERNATİFLERİ SILICONE SEAM GASKET ALTERNATIVES

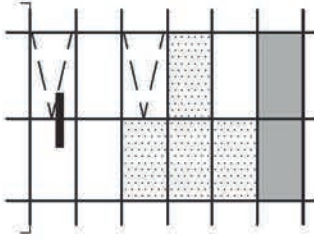
YATAY DETAYI HORIZONTAL DETAIL



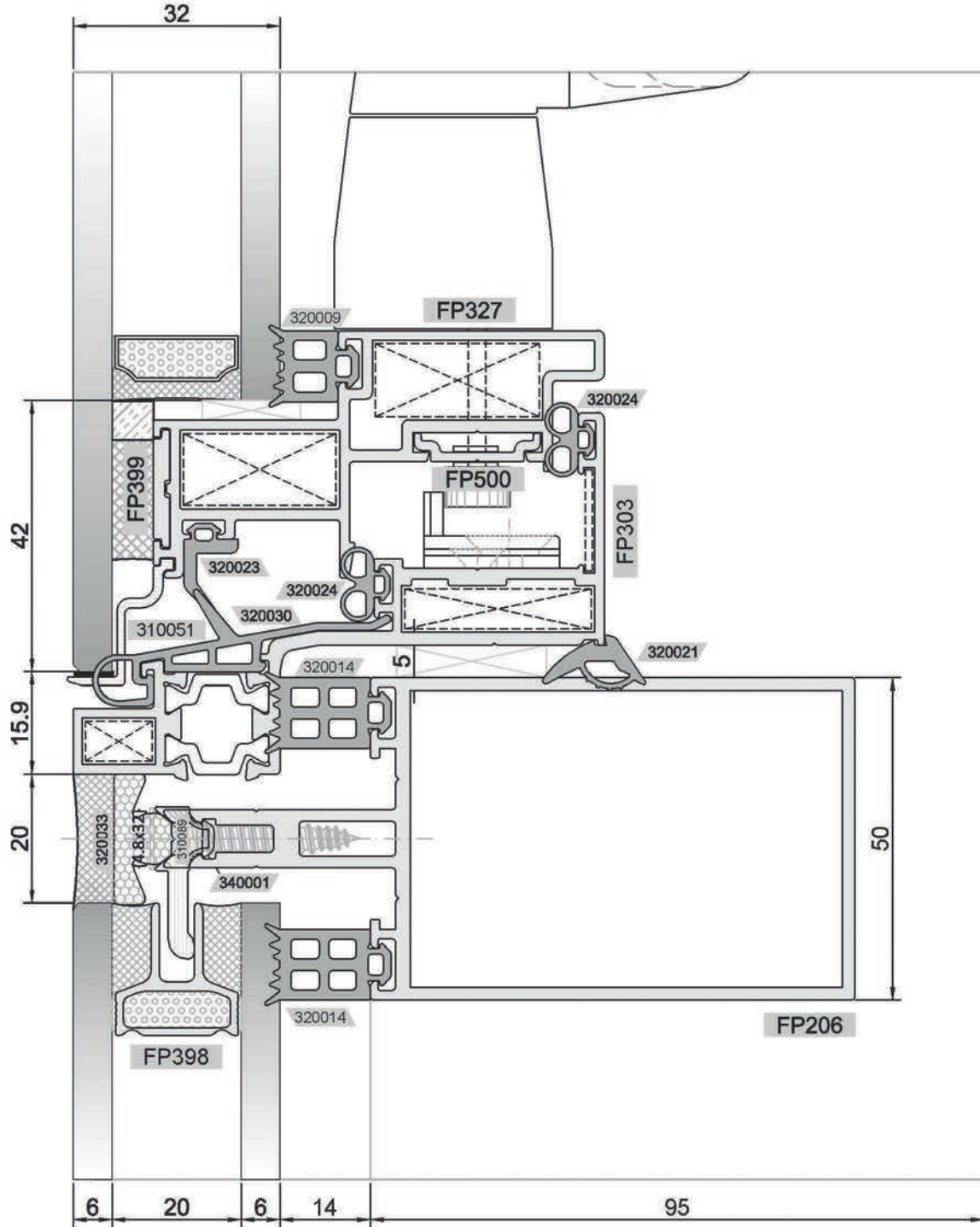


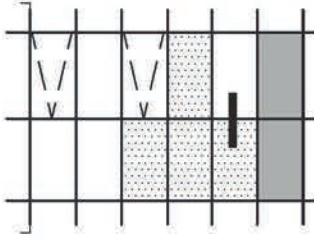
DIŞA AÇILIR KANAT DÜŞEY DETAYI
TOP HUNG OUTWARD OPENING VERTICAL DETAIL



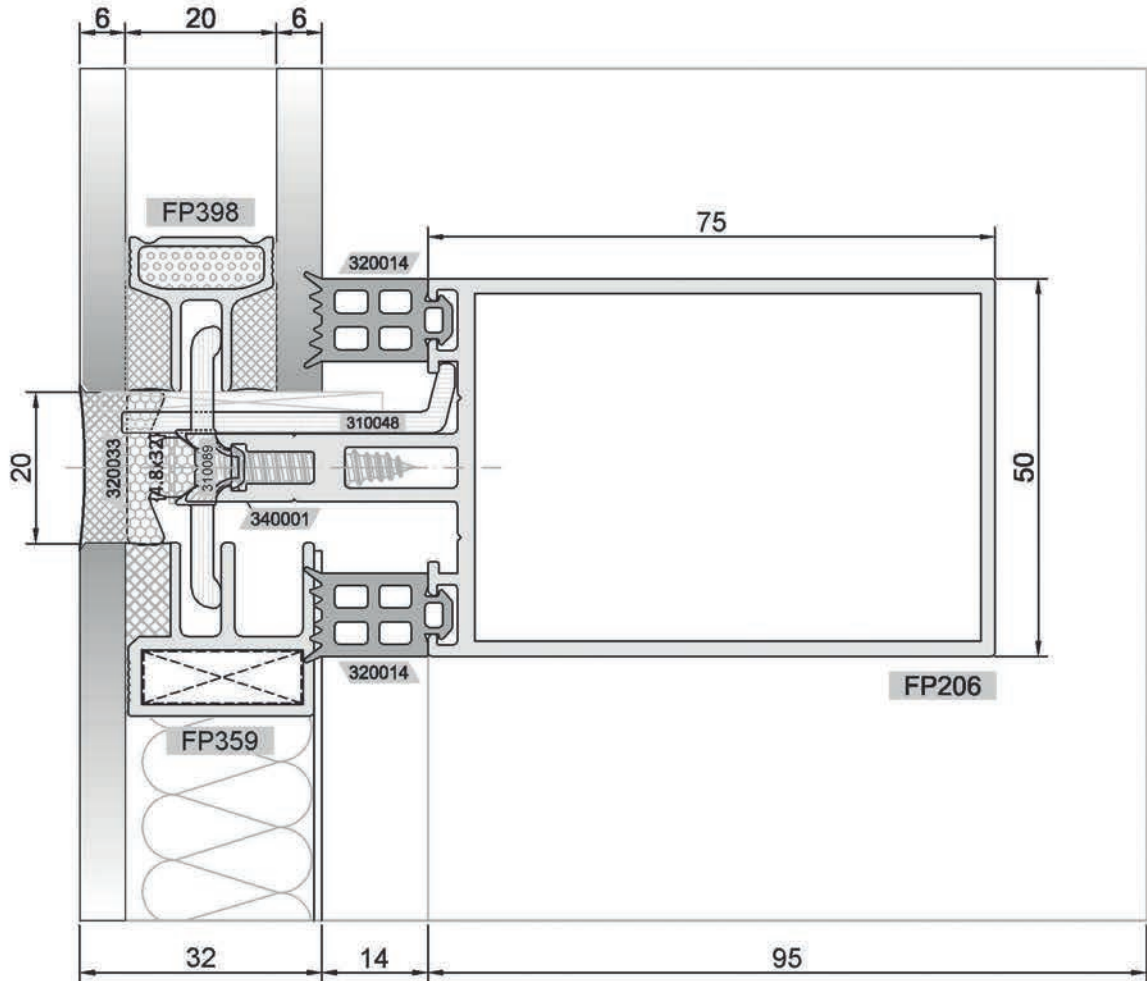


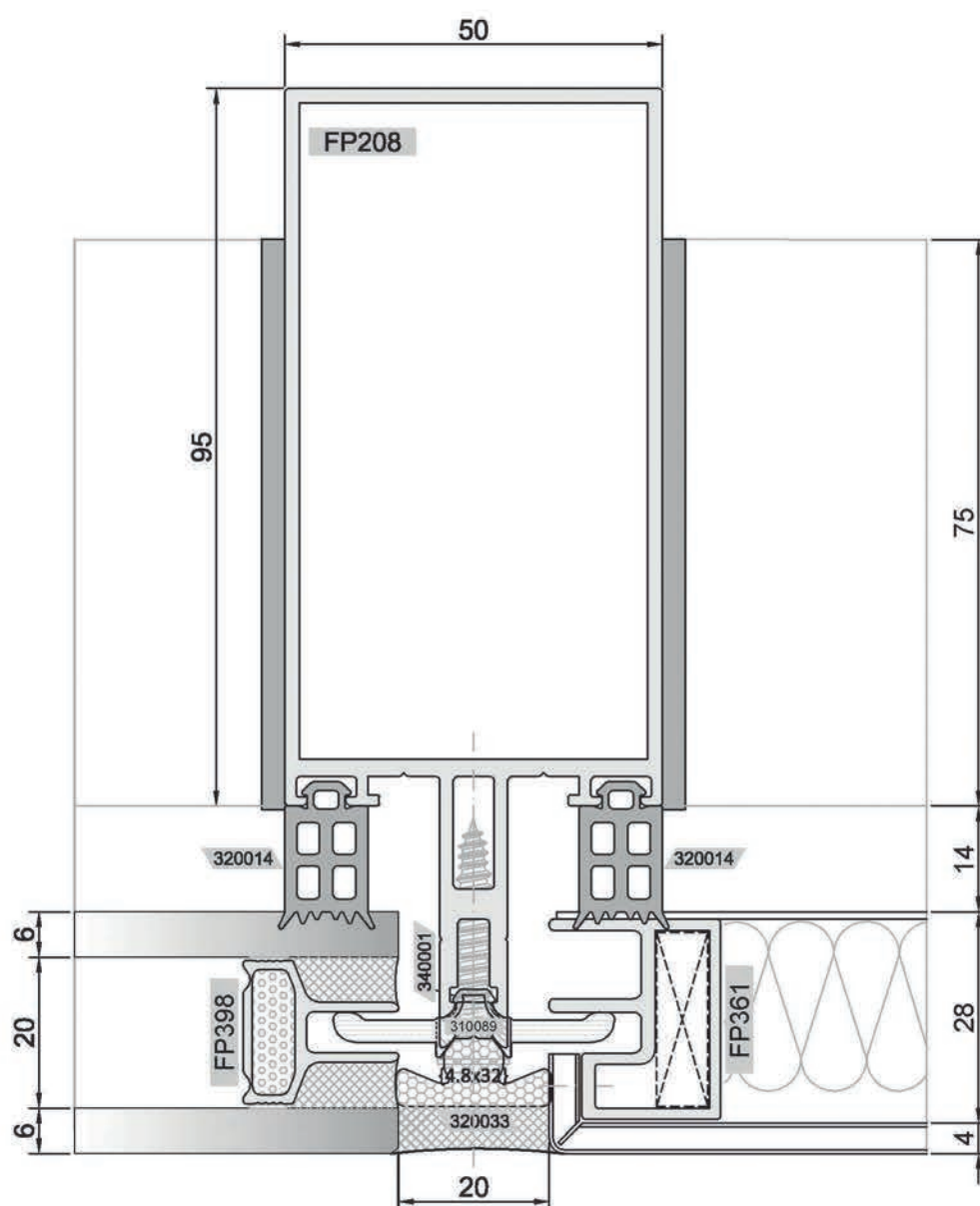
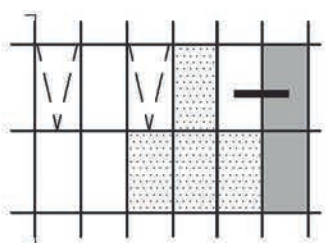
DIŞA AÇILIR KANAT YATAY DETAYI
TOP HUNG OUTWARD OPENING HORIZONTAL DETAIL

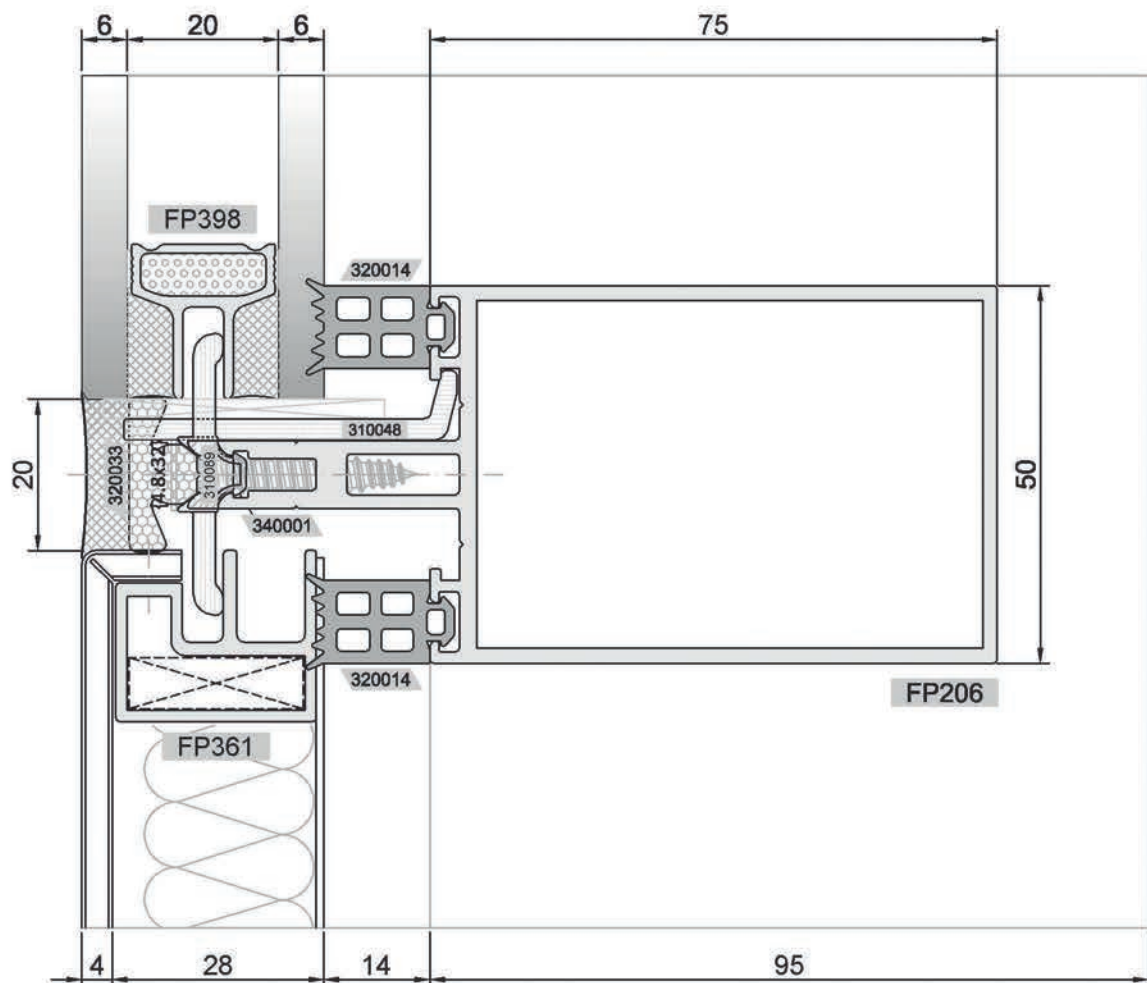
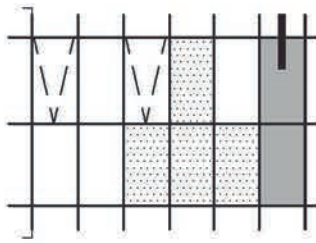


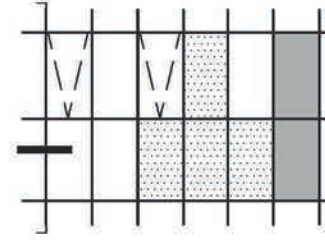


SPANDREL BÖLGE YATAY DETAYI
SPANDREL AREA HORIZONTAL DETAIL

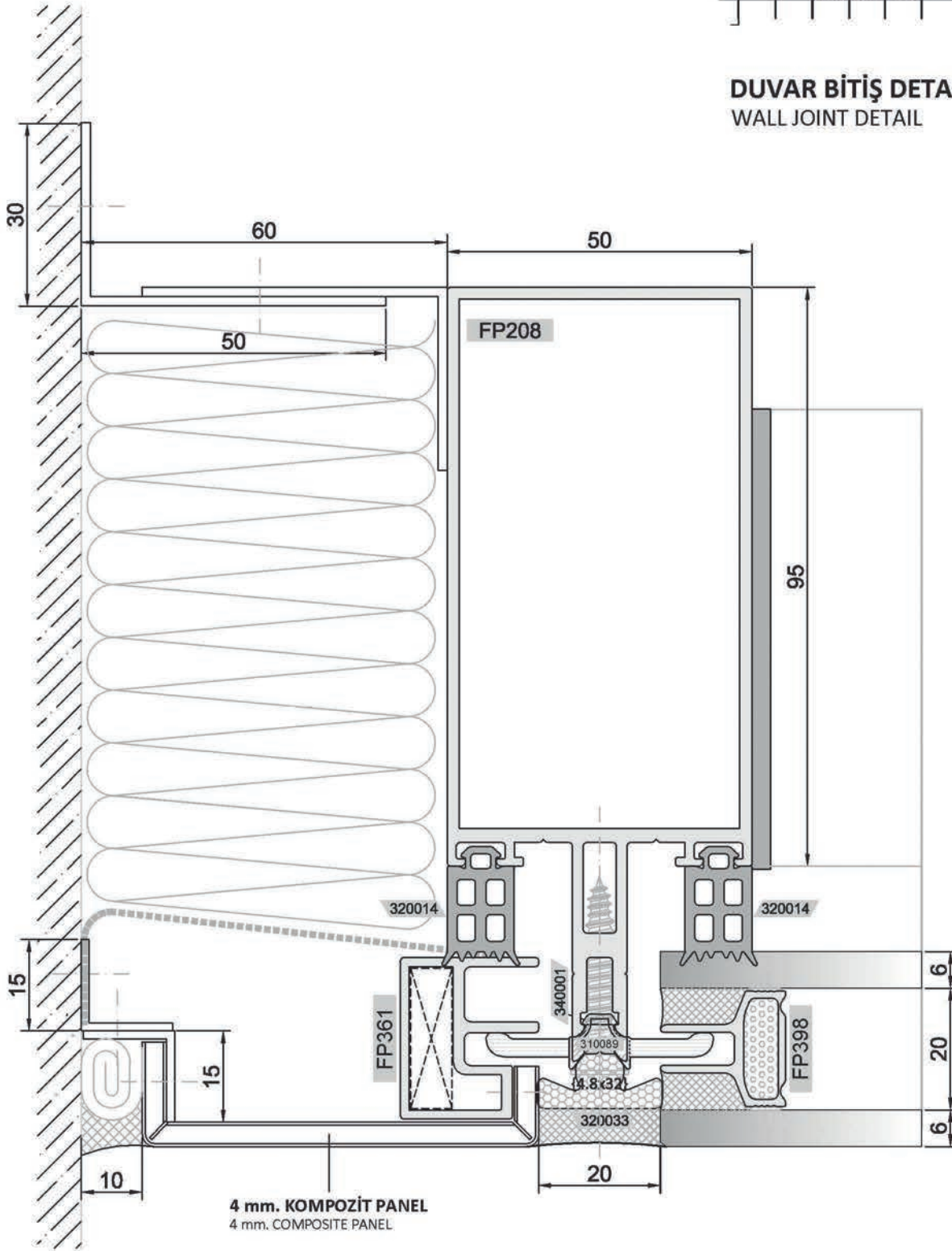






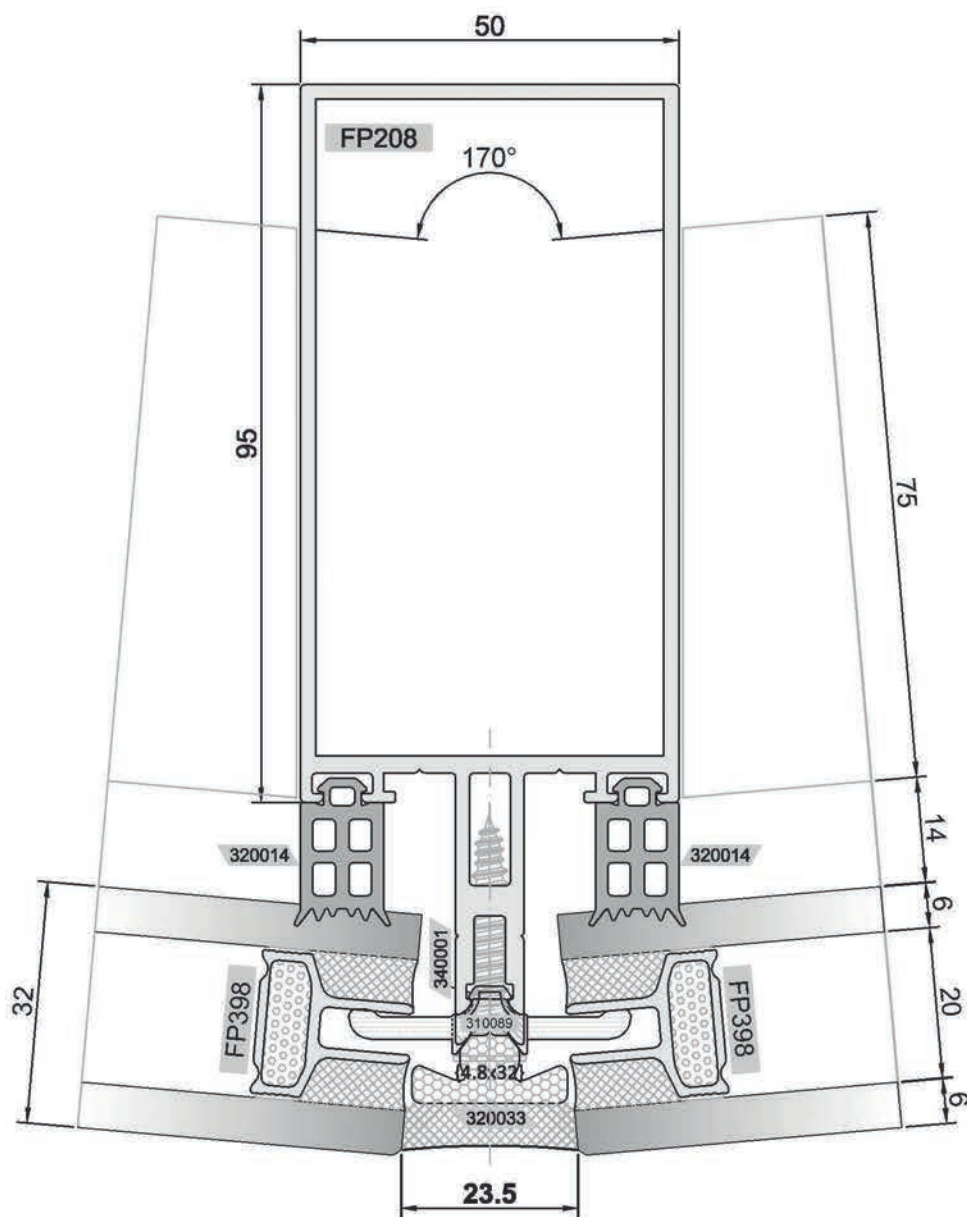


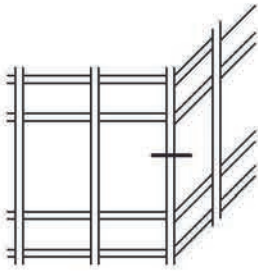
DUVAR BİTİŞ DETAYI
WALL JOINT DETAIL





0° - 10°

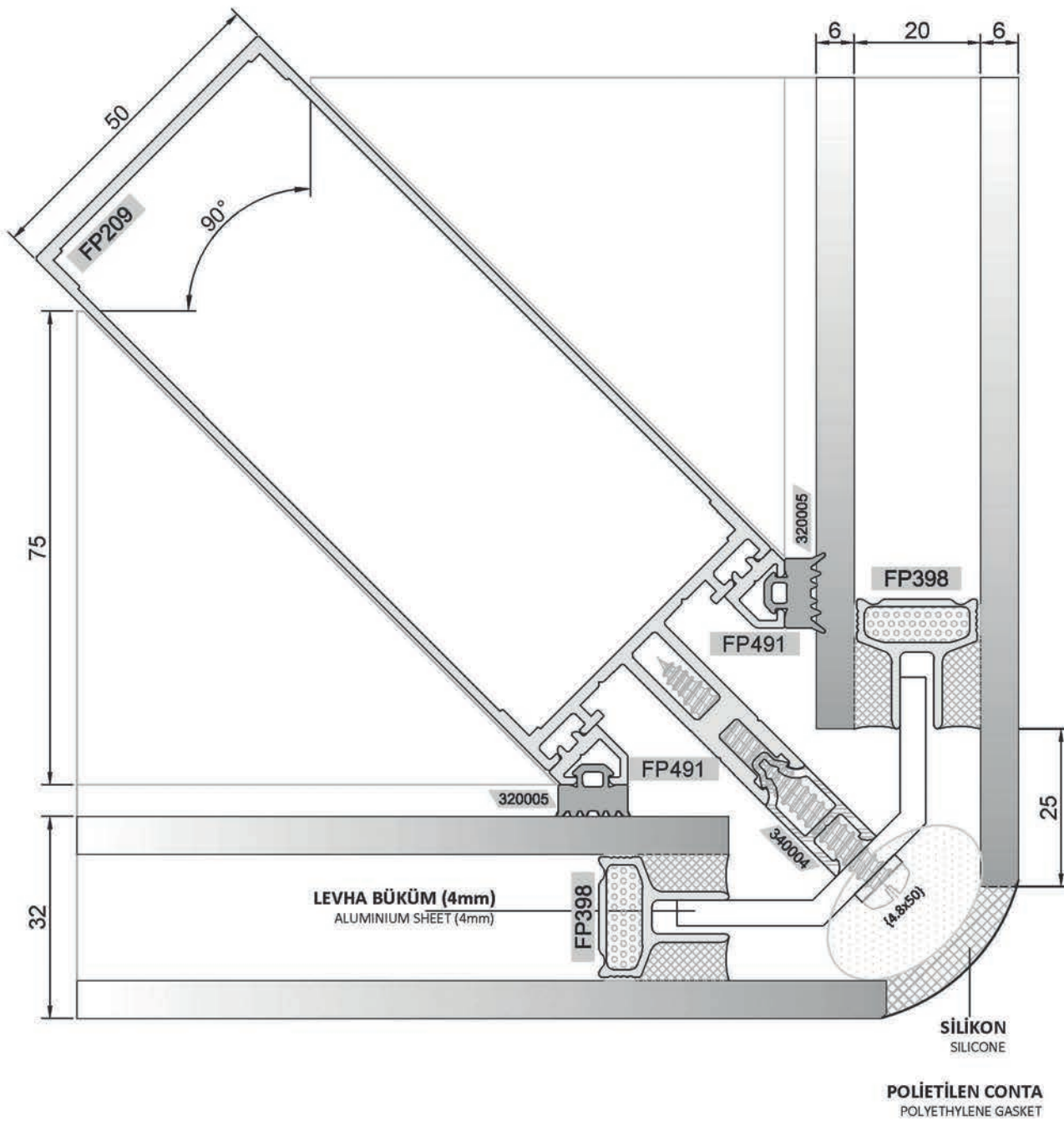


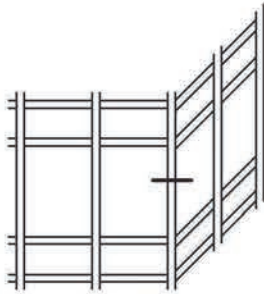


90°

ALTERNATİF 1: TEK DİKMELİ KÖŞE DETAYI

ALTERNATIVE 1 : CORNER DETAIL WITH SINGLE MULLION

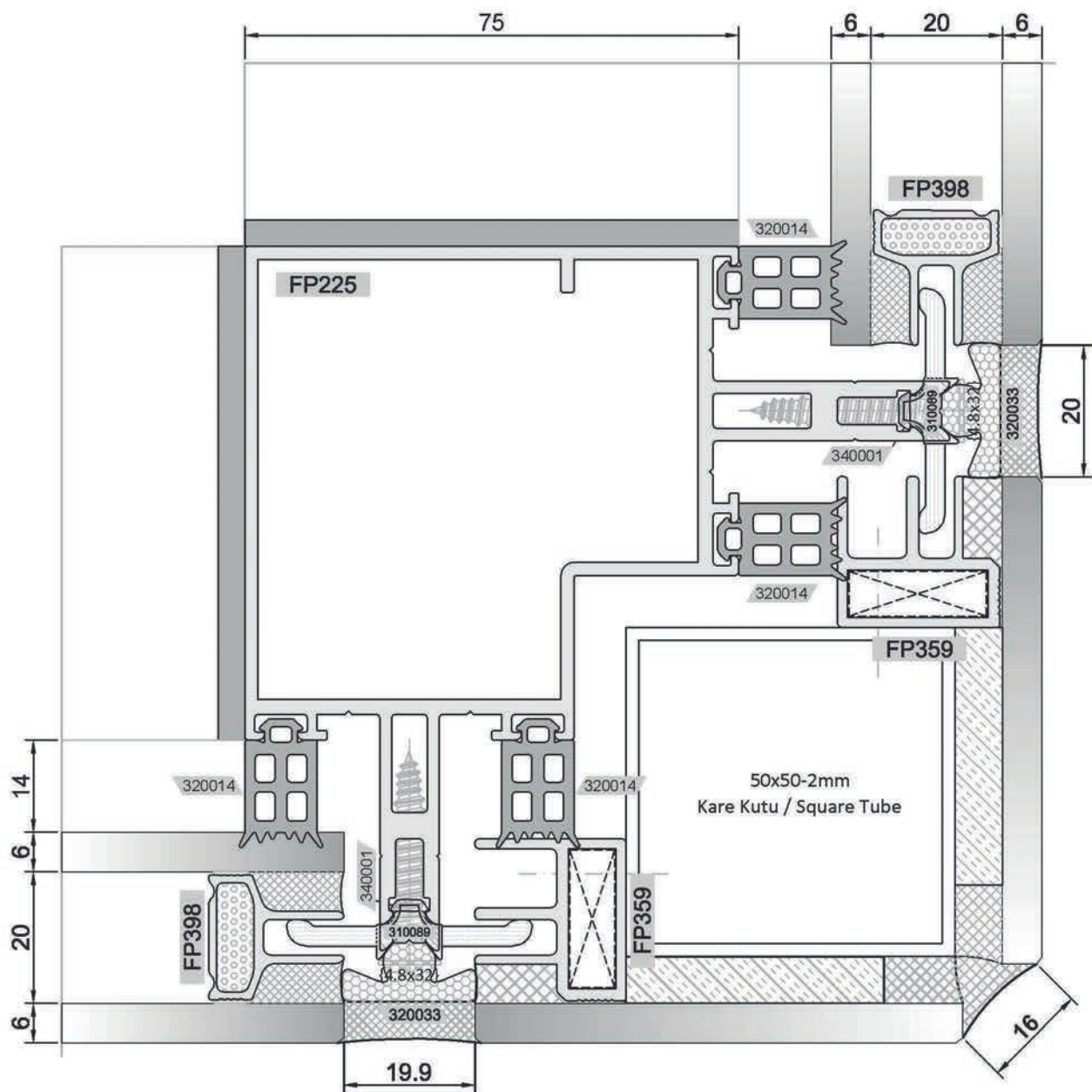


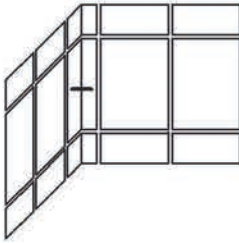


90°

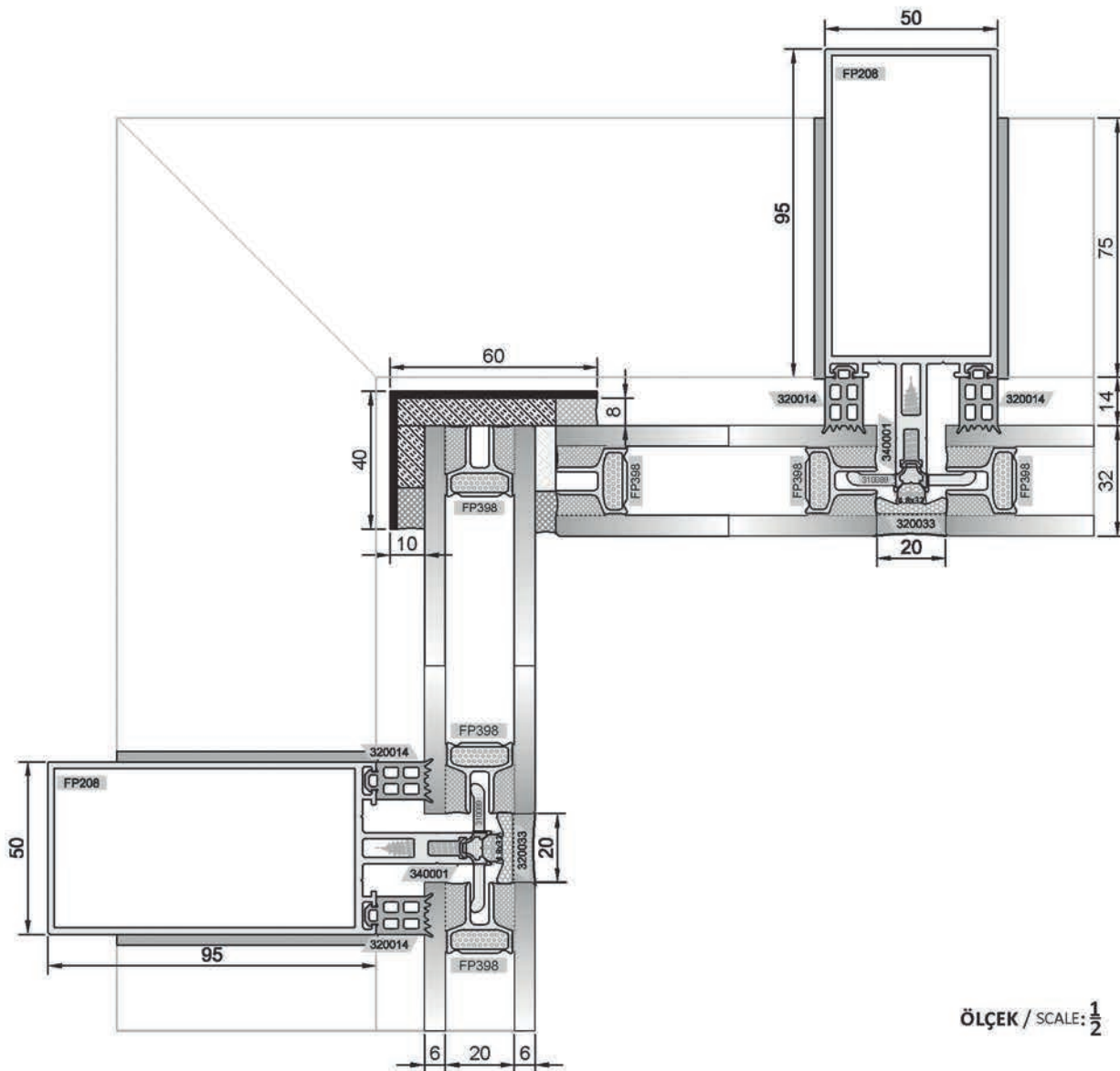
ALTERNATİF 2: ÇİFT DİKMELİ KÖŞE DETAYI

ALTERNATIVE 2 : CORNER DETAIL WITH DOUBLE MULLION

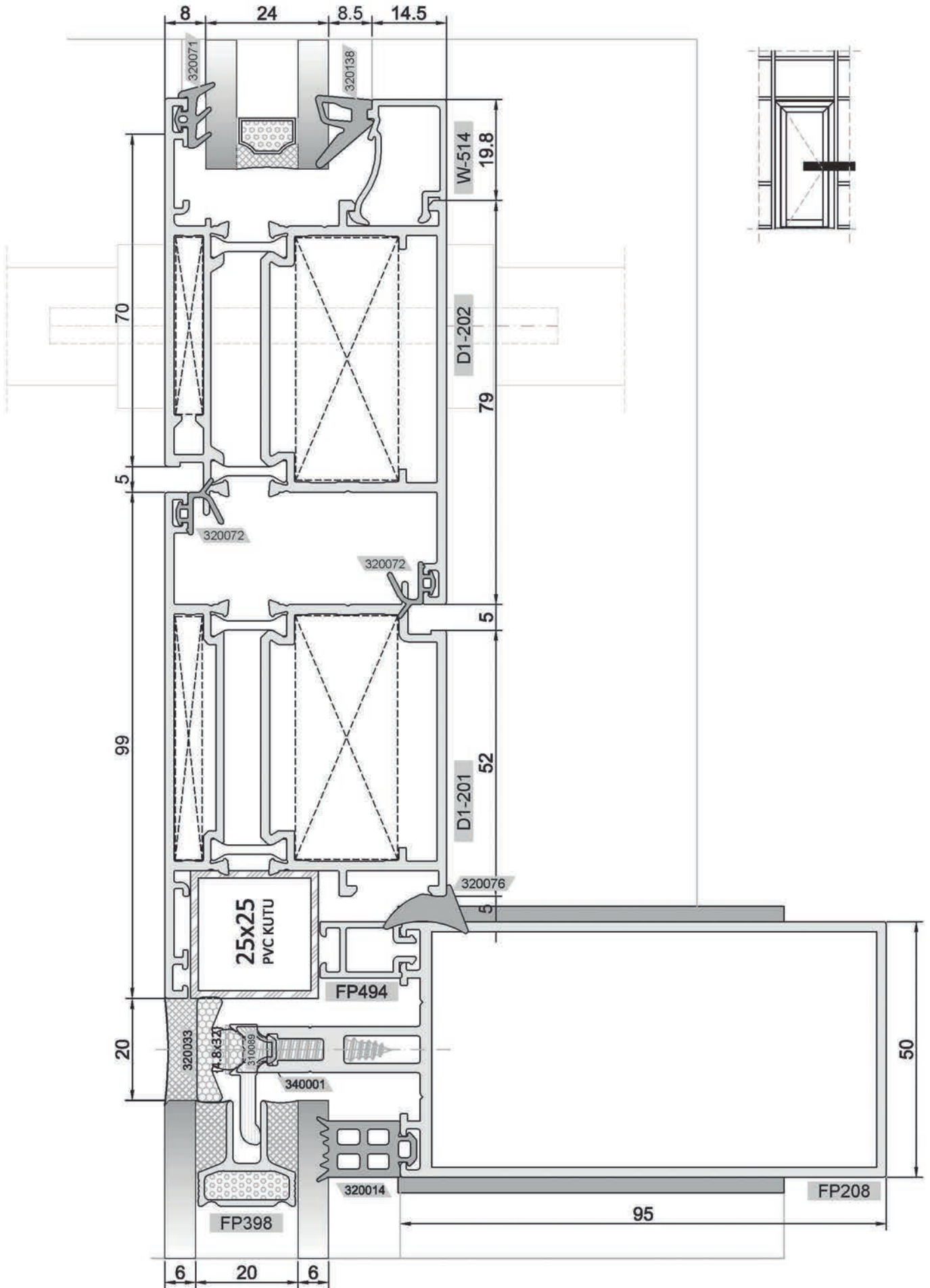


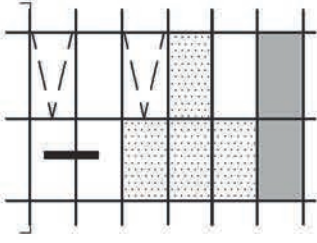


90° İÇ AÇILI CAM CEPHE DÜŞEY KESİT DETAYI
FOUR SIDE WITH 90° INTERNAL ANGLE VERTICAL DETAIL

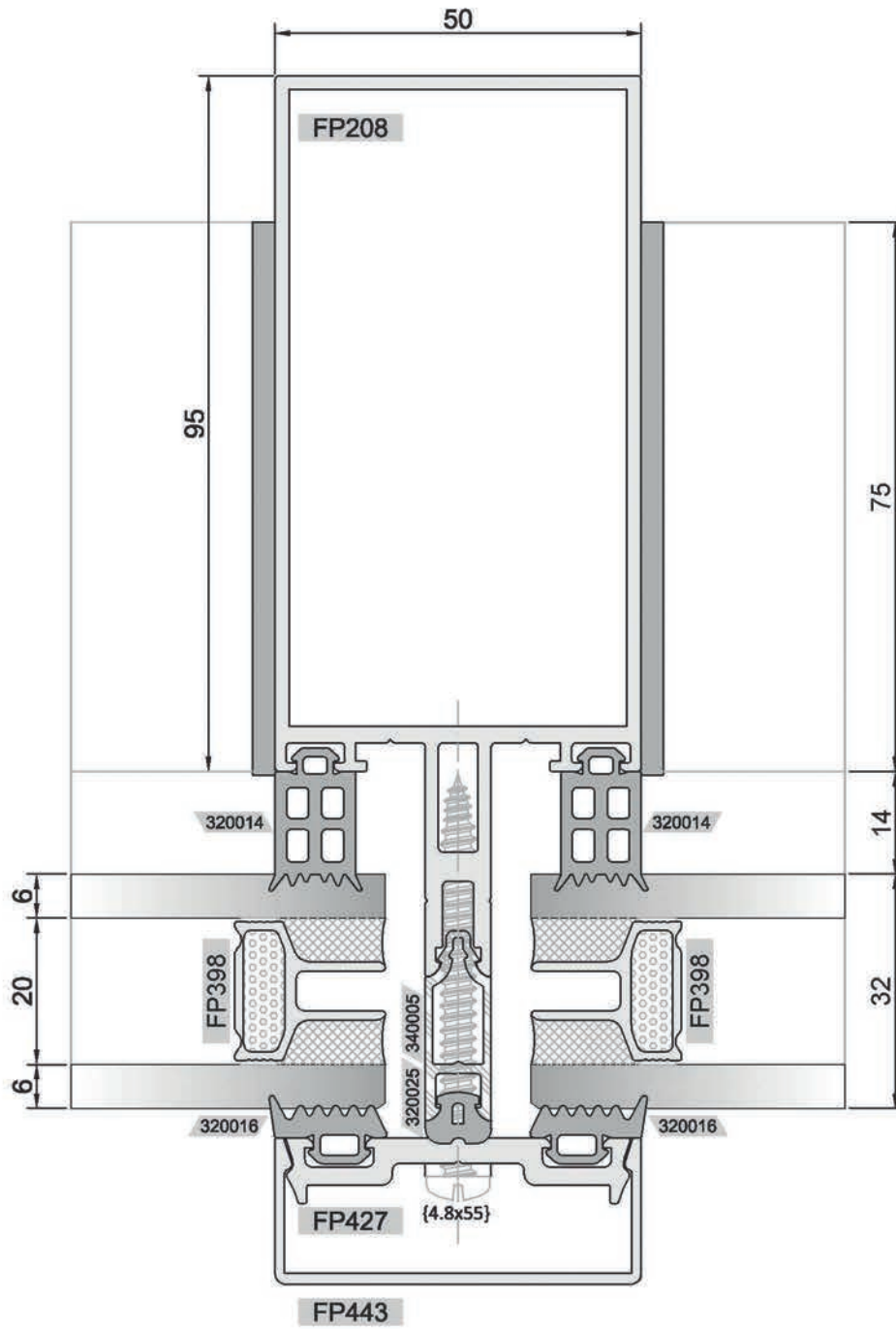


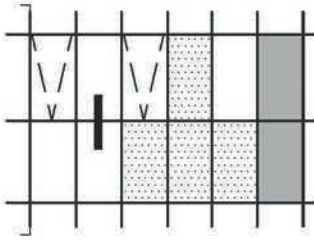
ÖLÇEK / SCALE: $\frac{1}{2}$





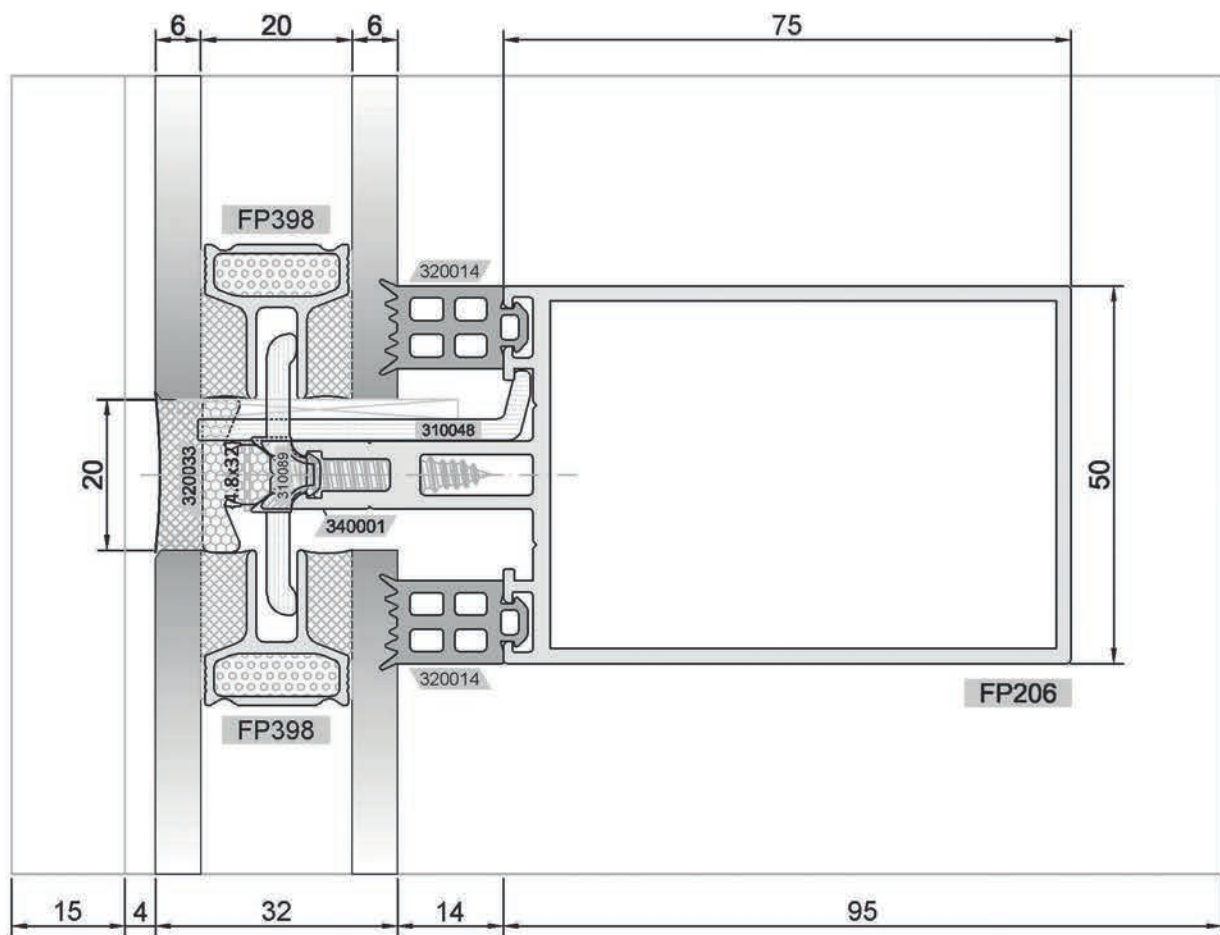
DÜŞEY DETAYI
VERTICAL DETAIL

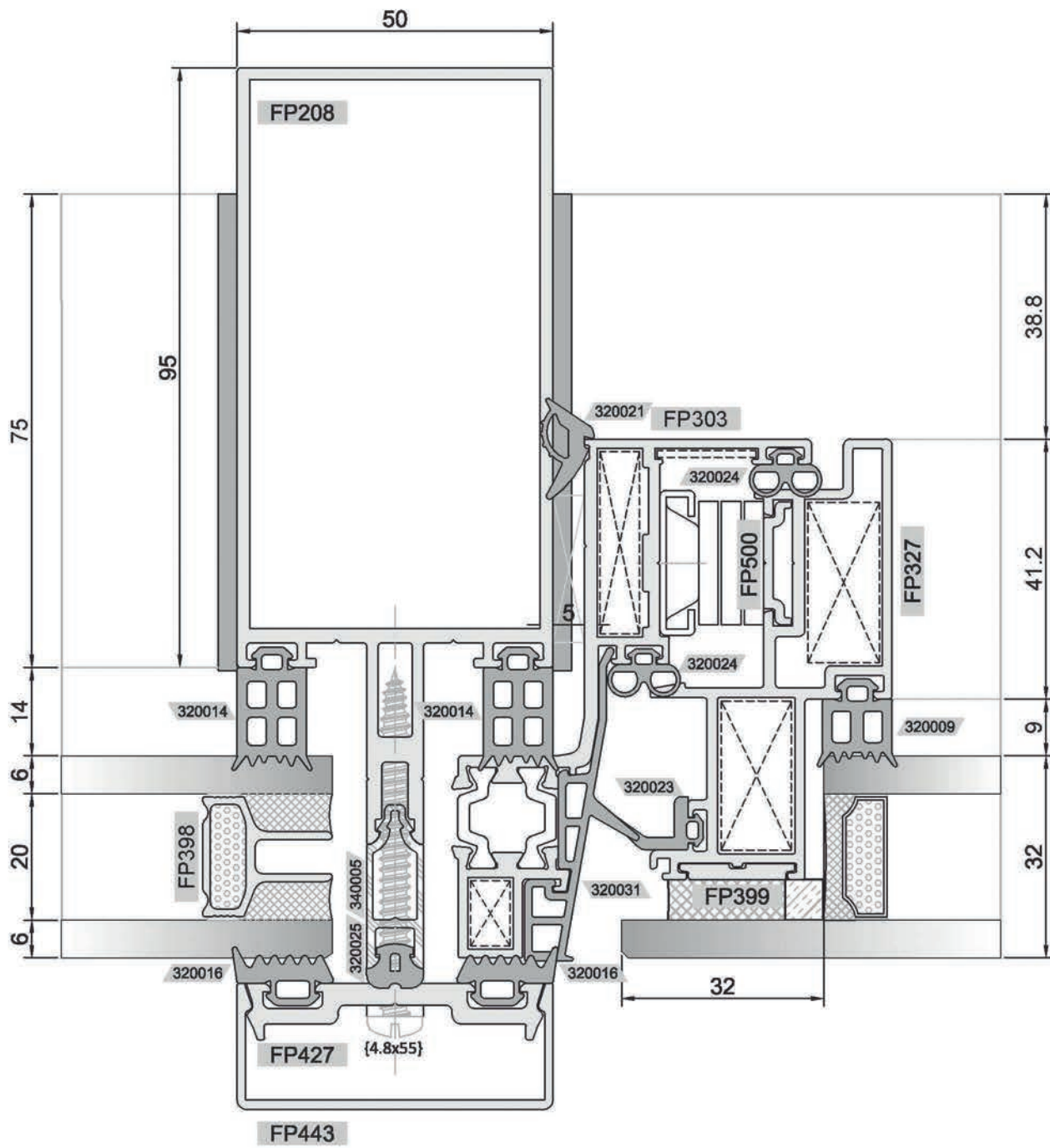
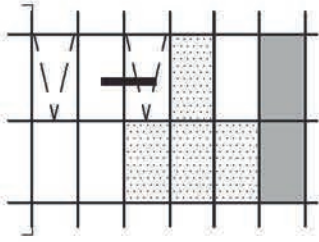


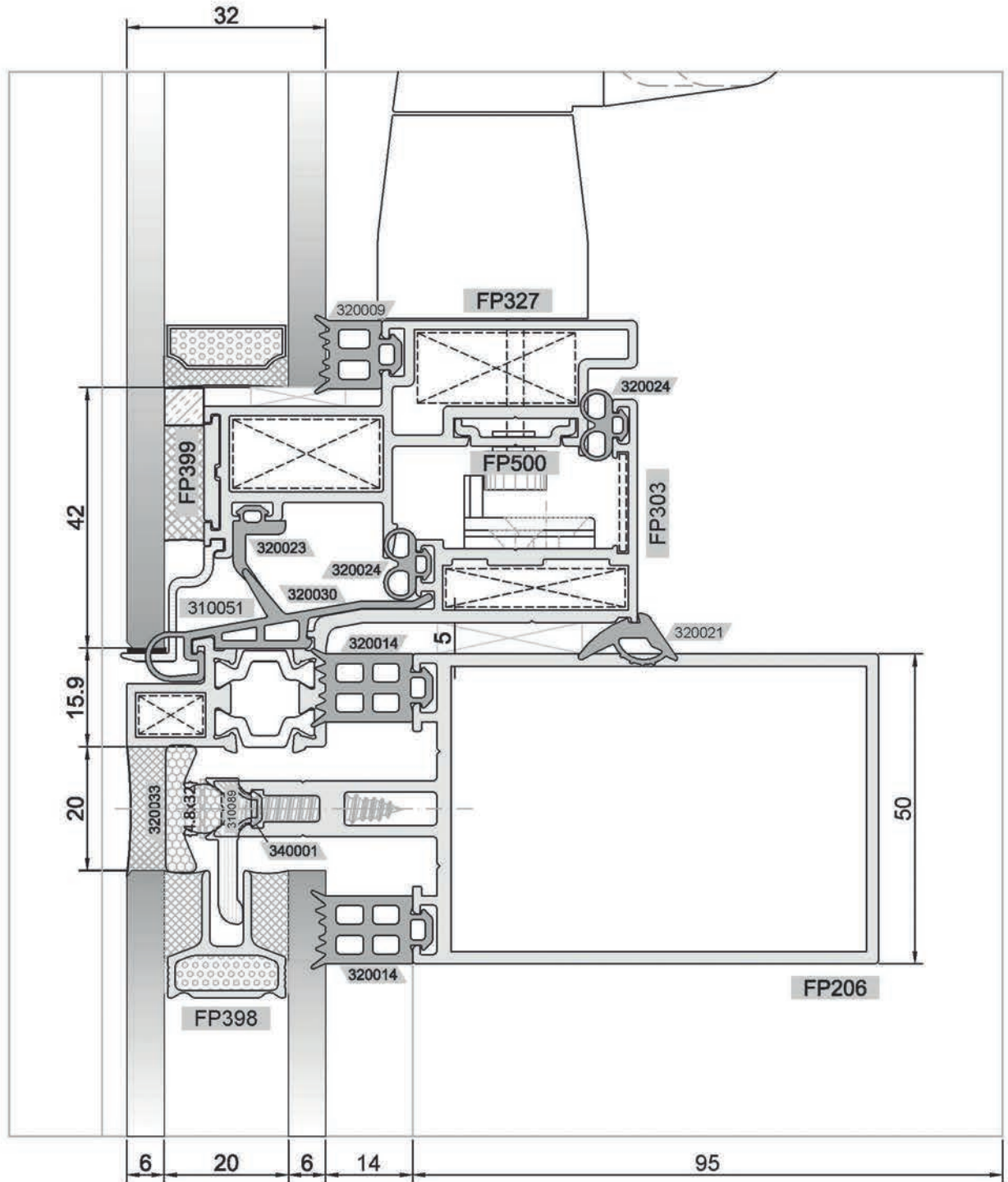
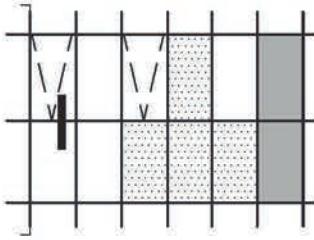


YATAY DETAYI

HORIZONTAL DETAIL

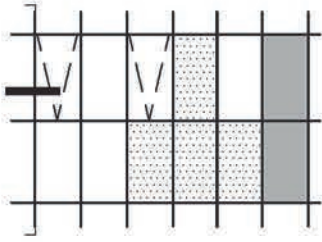




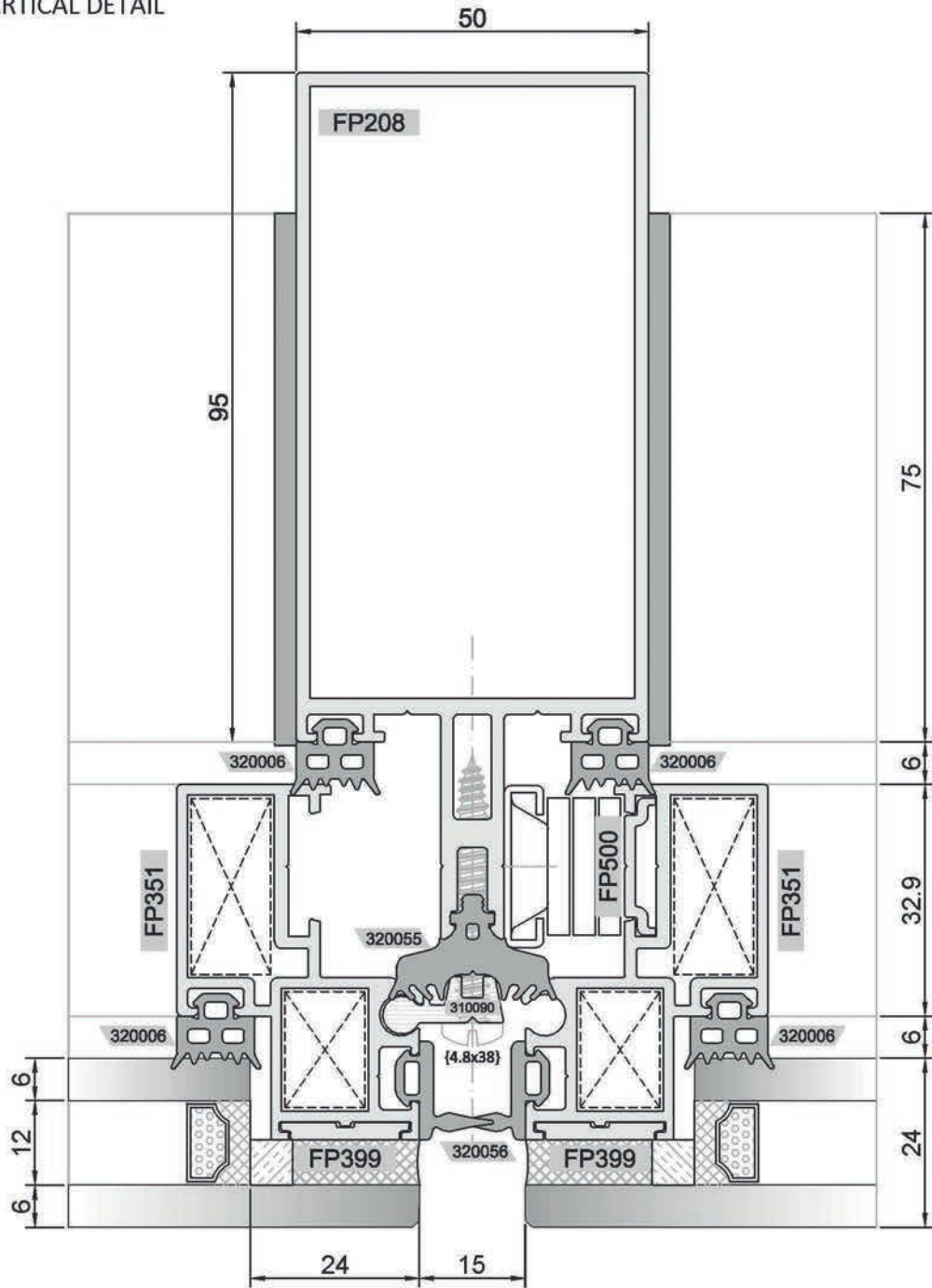


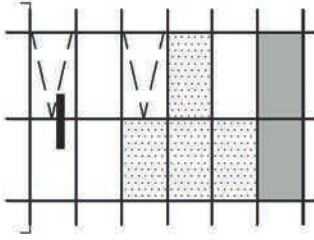
**KASETLİ SİLİKON CEPHE
SILICONE CURTAIN WALL
WITH STRUCTURAL CELLS**



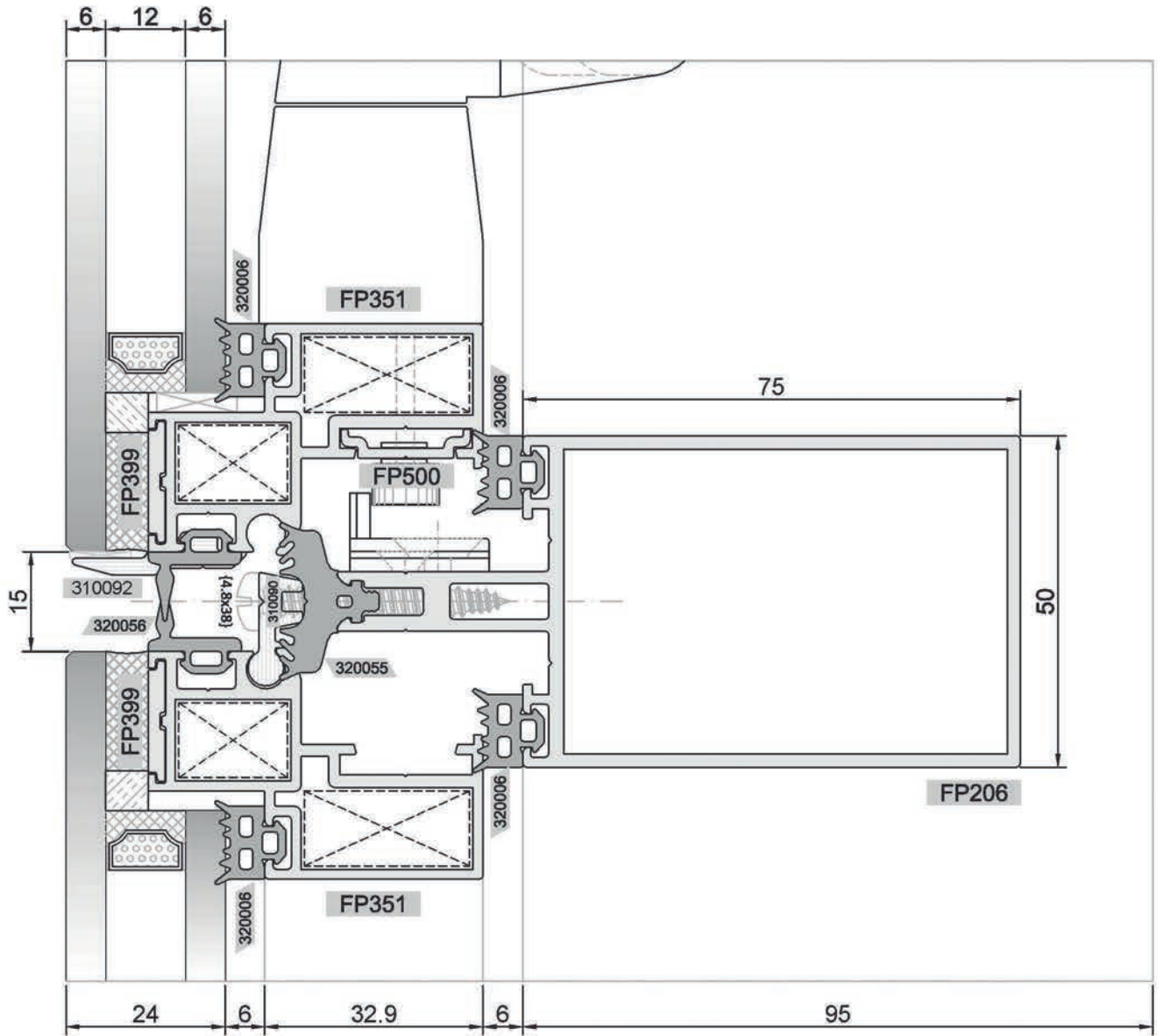


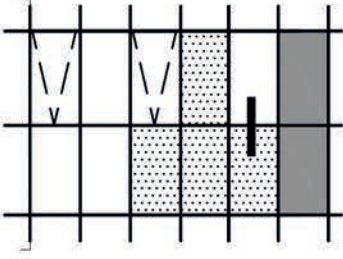
DÜŞEY DETAYI
VERTICAL DETAIL



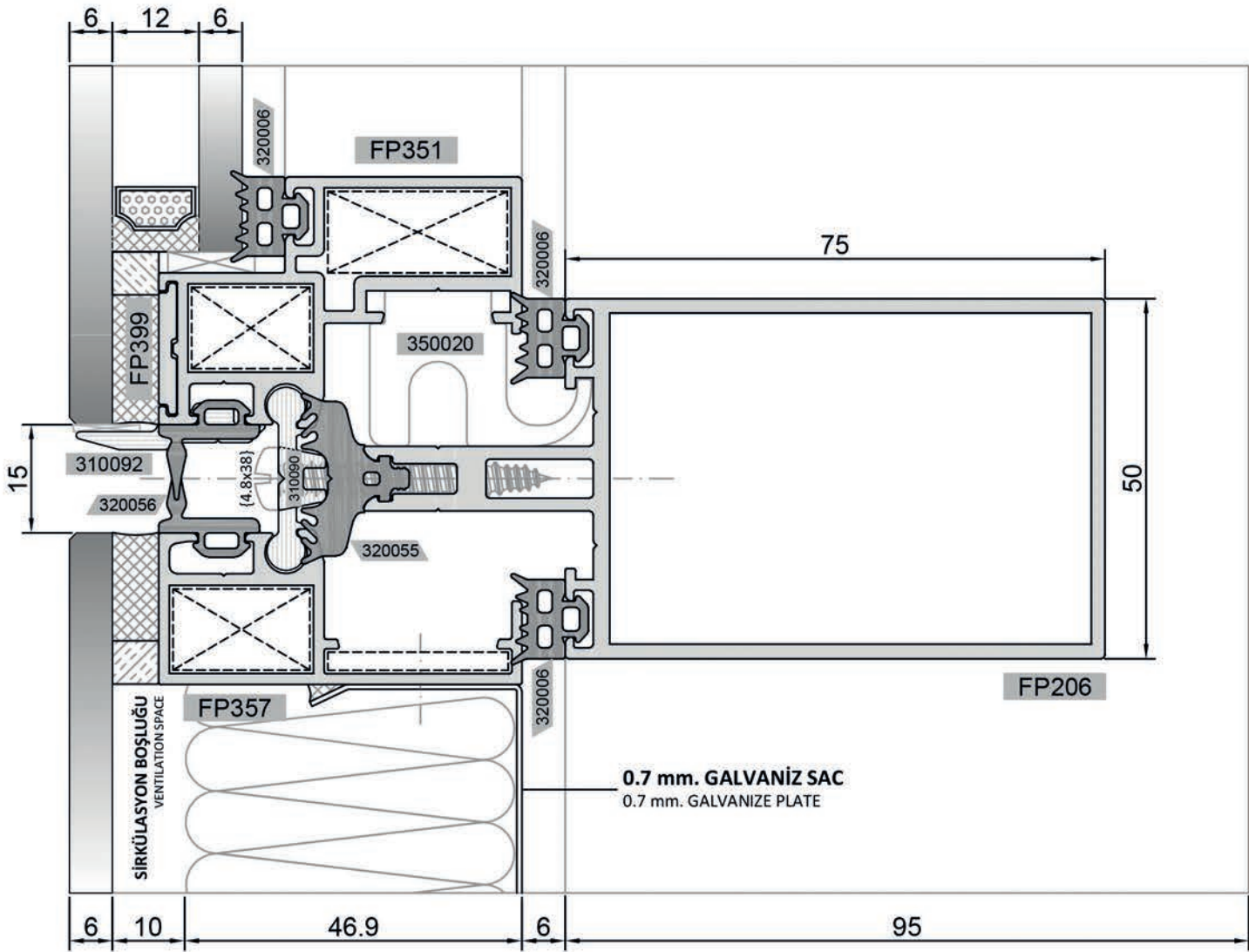


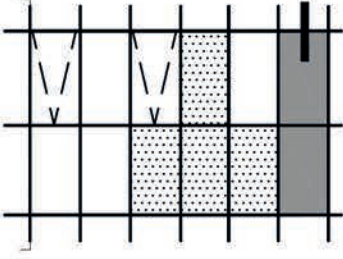
YATAY DETAYI
HORIZONTAL DETAIL





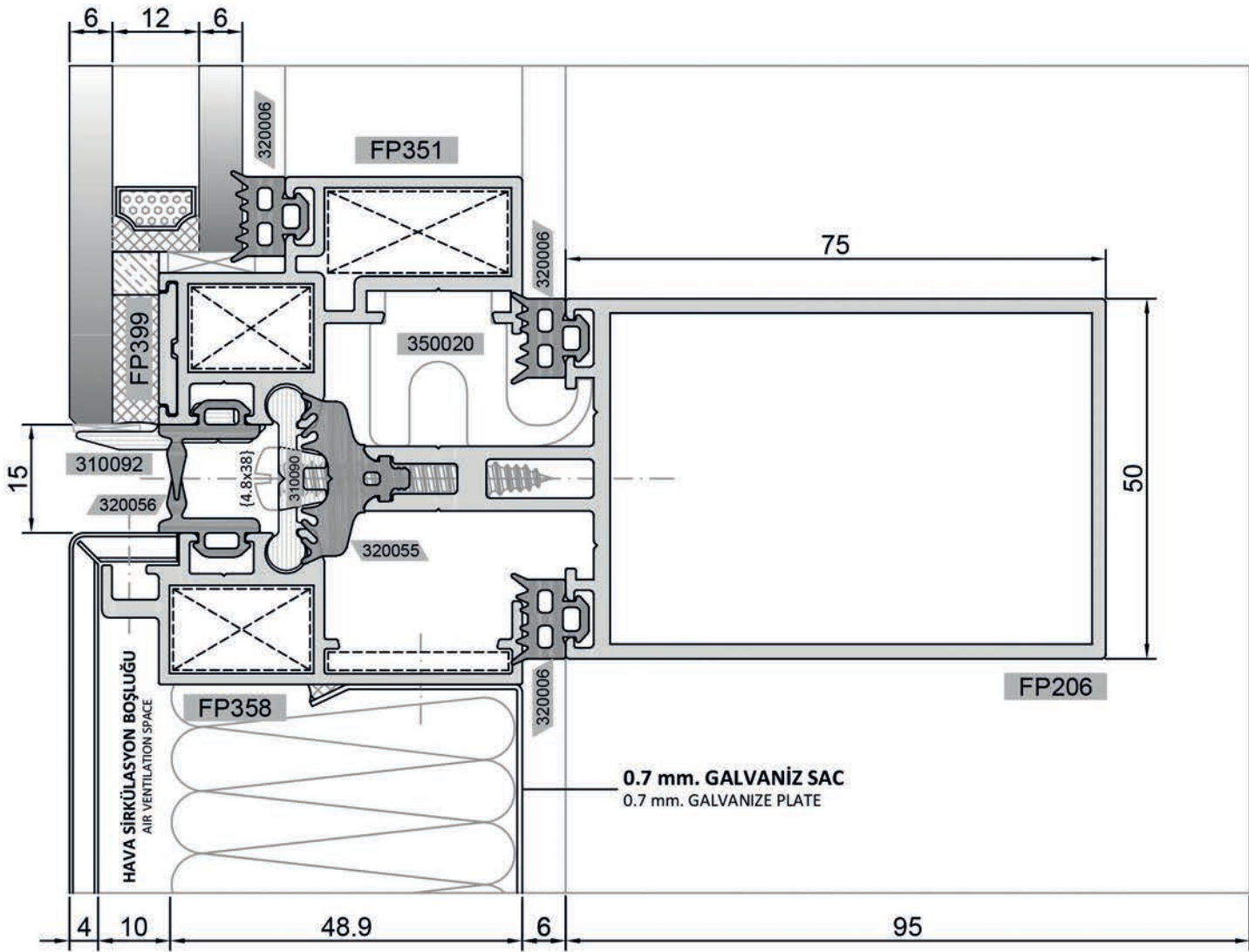
SPANDREL BÖLGE YATAY DETAYI
SPANDREL AREA HORIZONTAL DETAIL

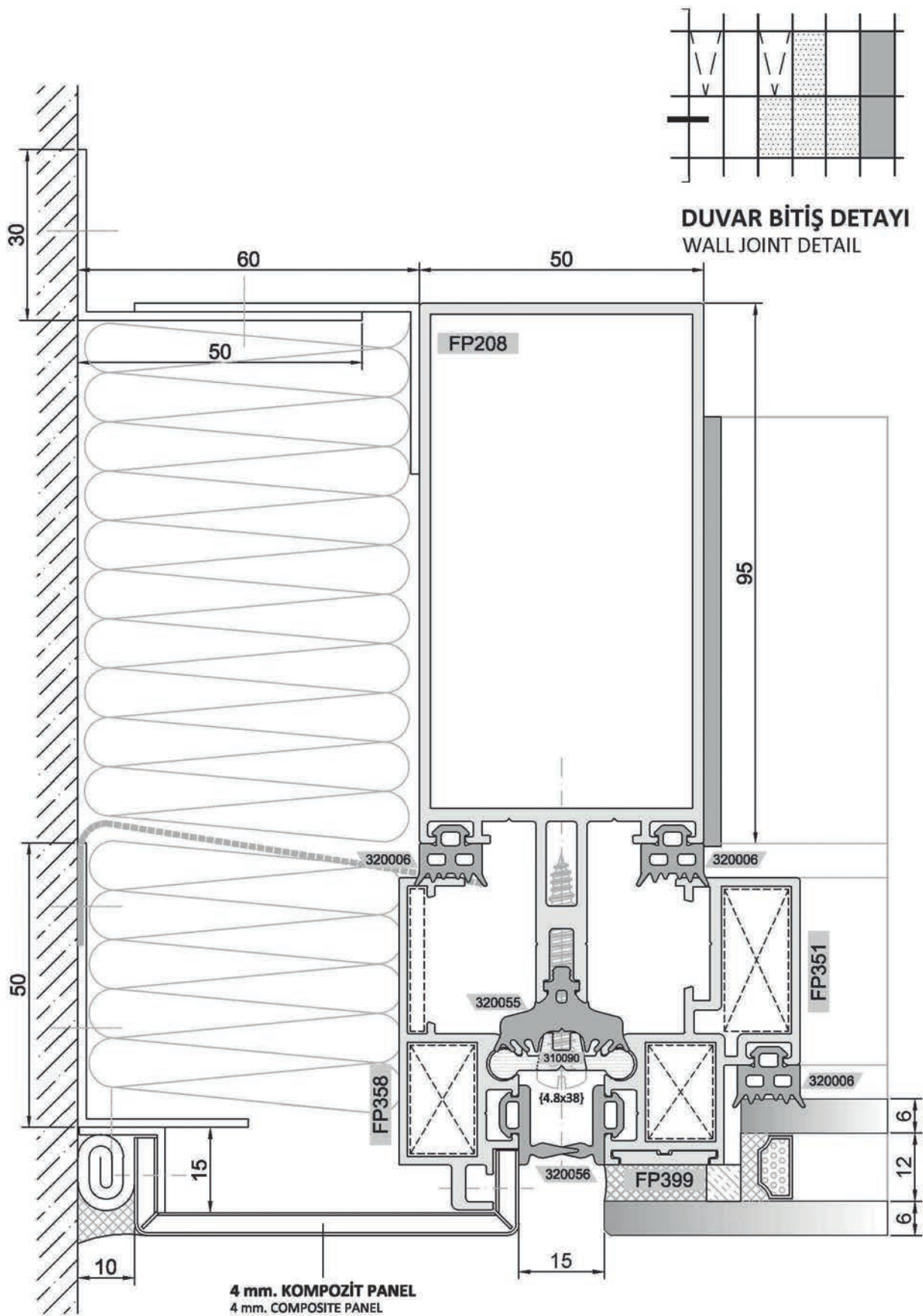




SPANDREL BÖLGE YATAY DETAYI

SPANDREL AREA HORIZONTAL DETAIL

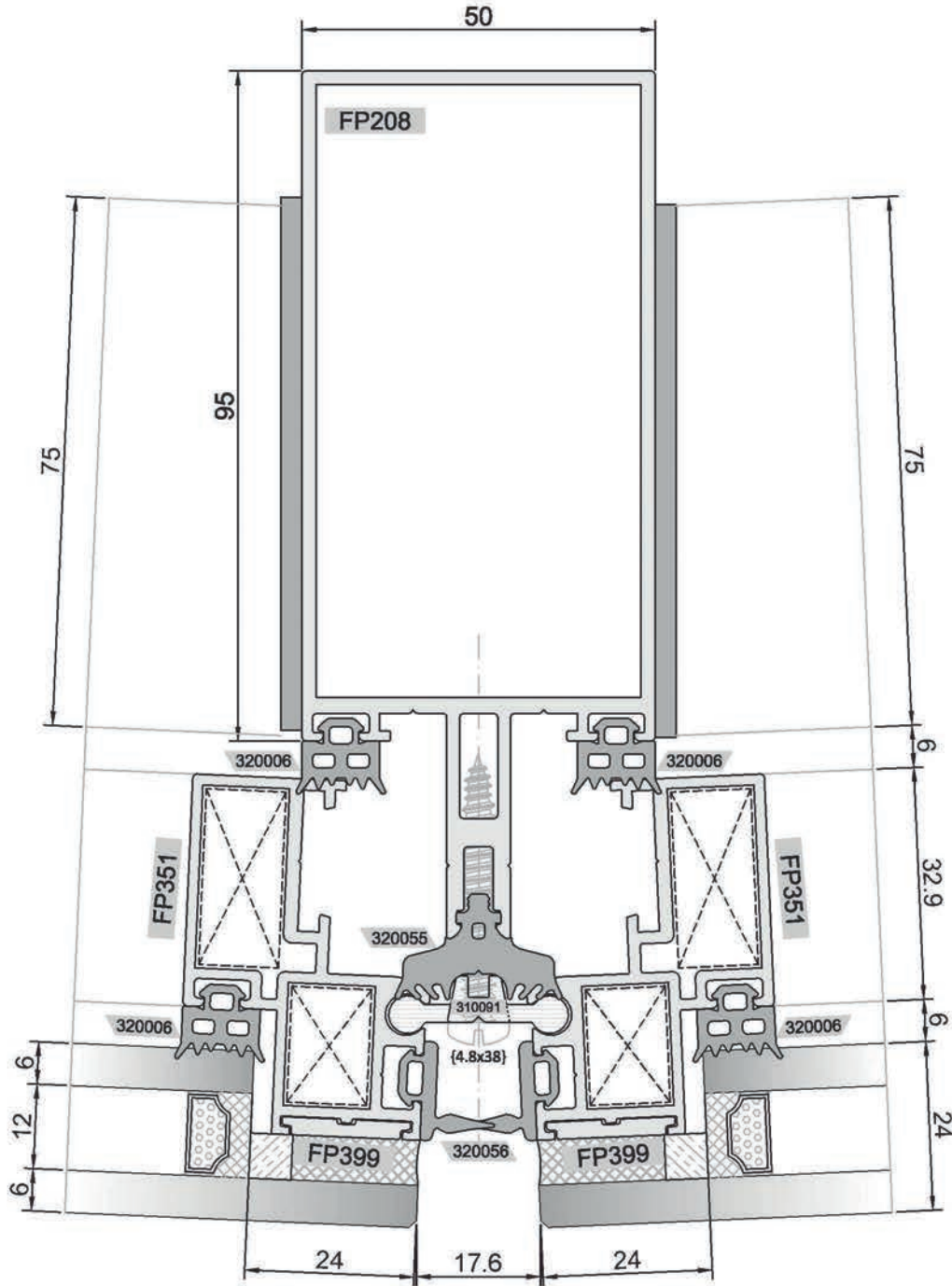




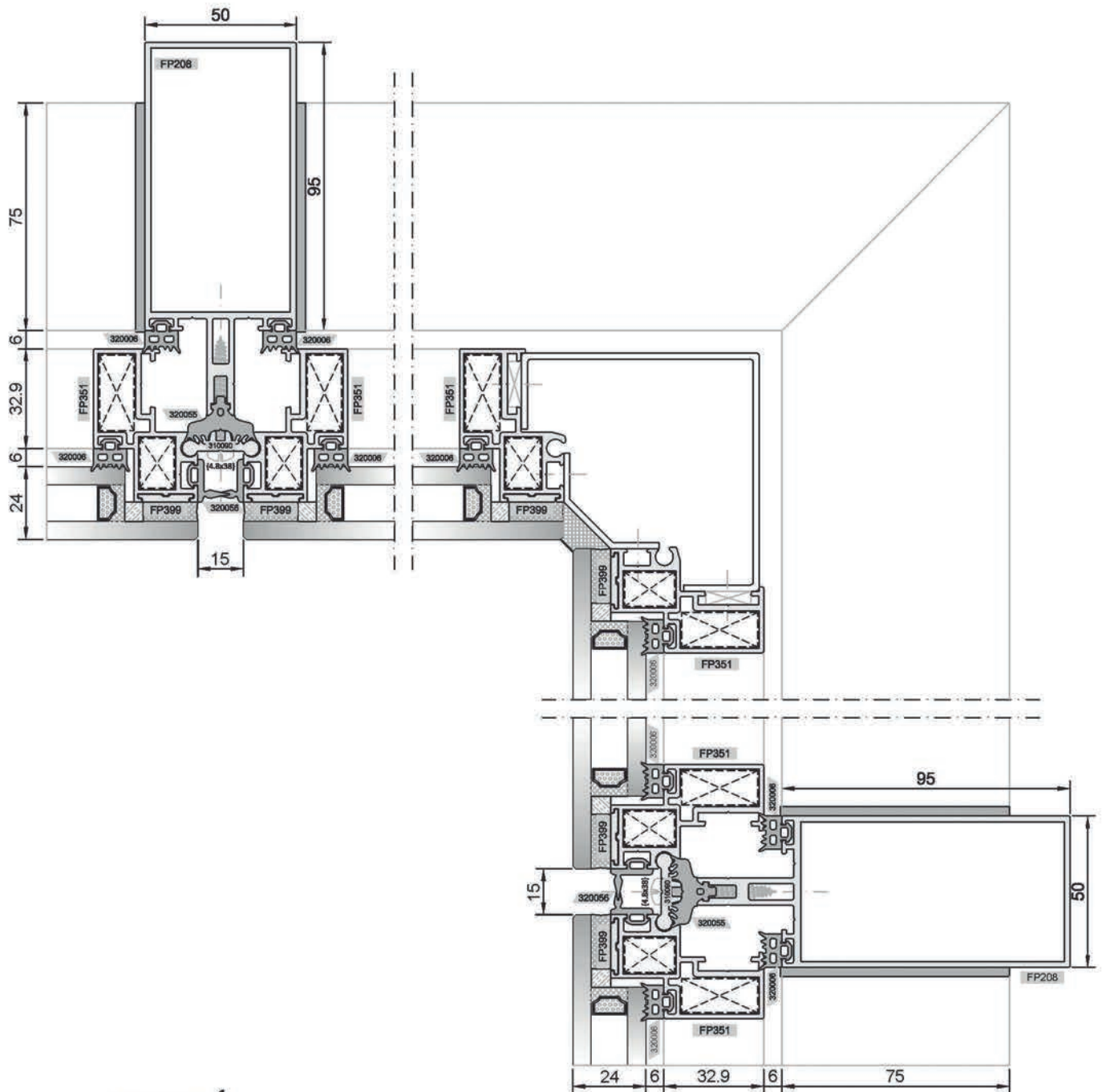
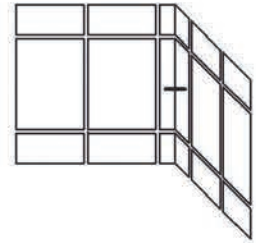
5° DIŞ AÇILI KASETLİ SİLİKON CEPHE DÜŞEY KESİT DETAYI
STRUCTURAL CELLS WITH 5° EXTERNAL ANGLE VERTICAL DETAIL

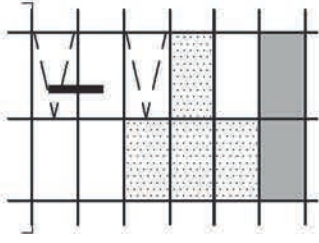


0 - 5°



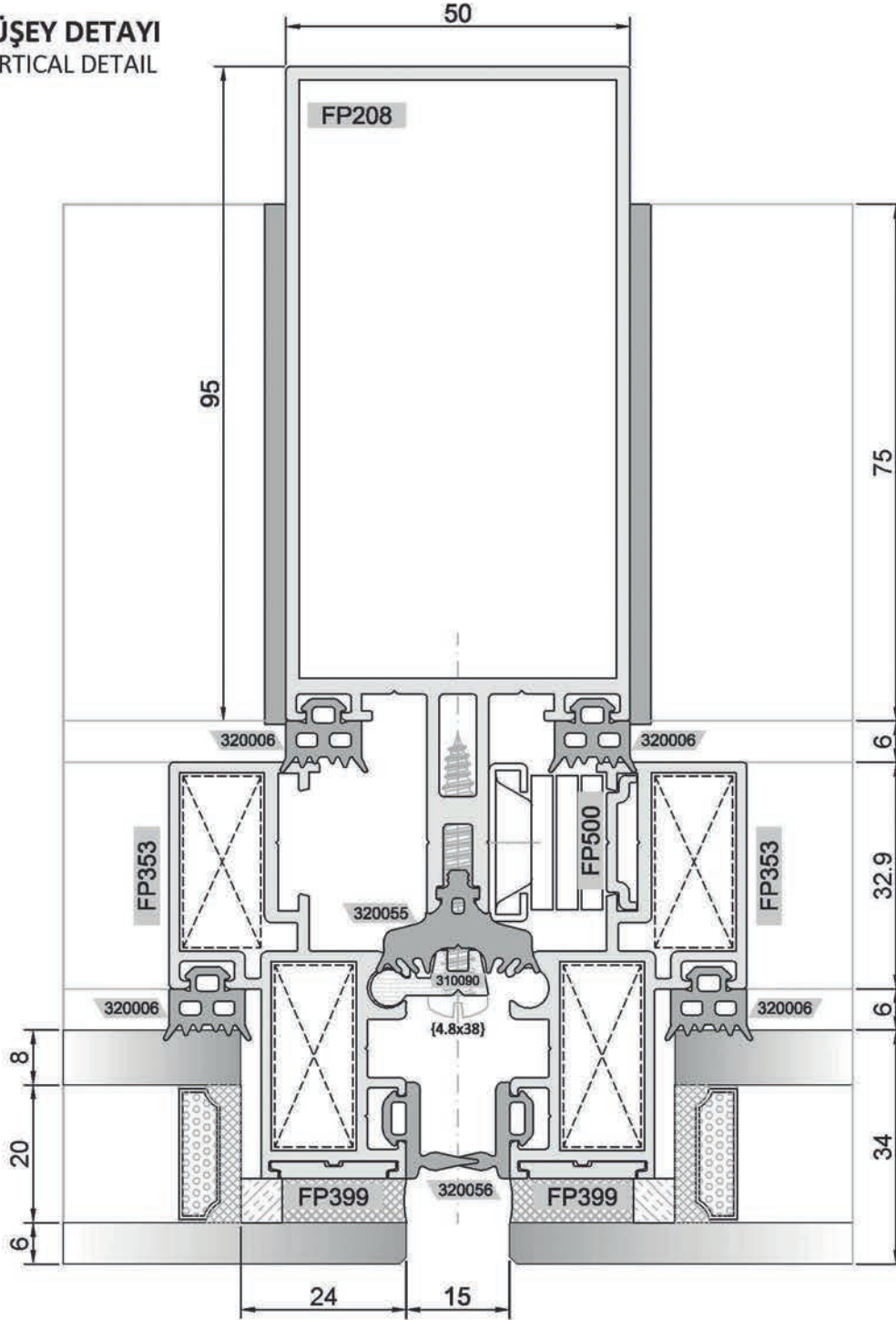
90° İÇ AÇILI KASETLİ SİLİKON CEPHE DÜŞEY KESİT DETAYI
STRUCTURAL CELLS WITH 90° INTERNAL ANGLE VERTICAL DETAIL

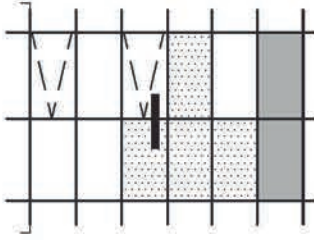
ÖLÇEK / SCALE: $\frac{1}{2}$



ALTERNATİF 1: YÜKSEK KAPASİTELİ KASET
ALTERNATIVE 1 : HIGH CAPACITY STRUCTURAL CELL

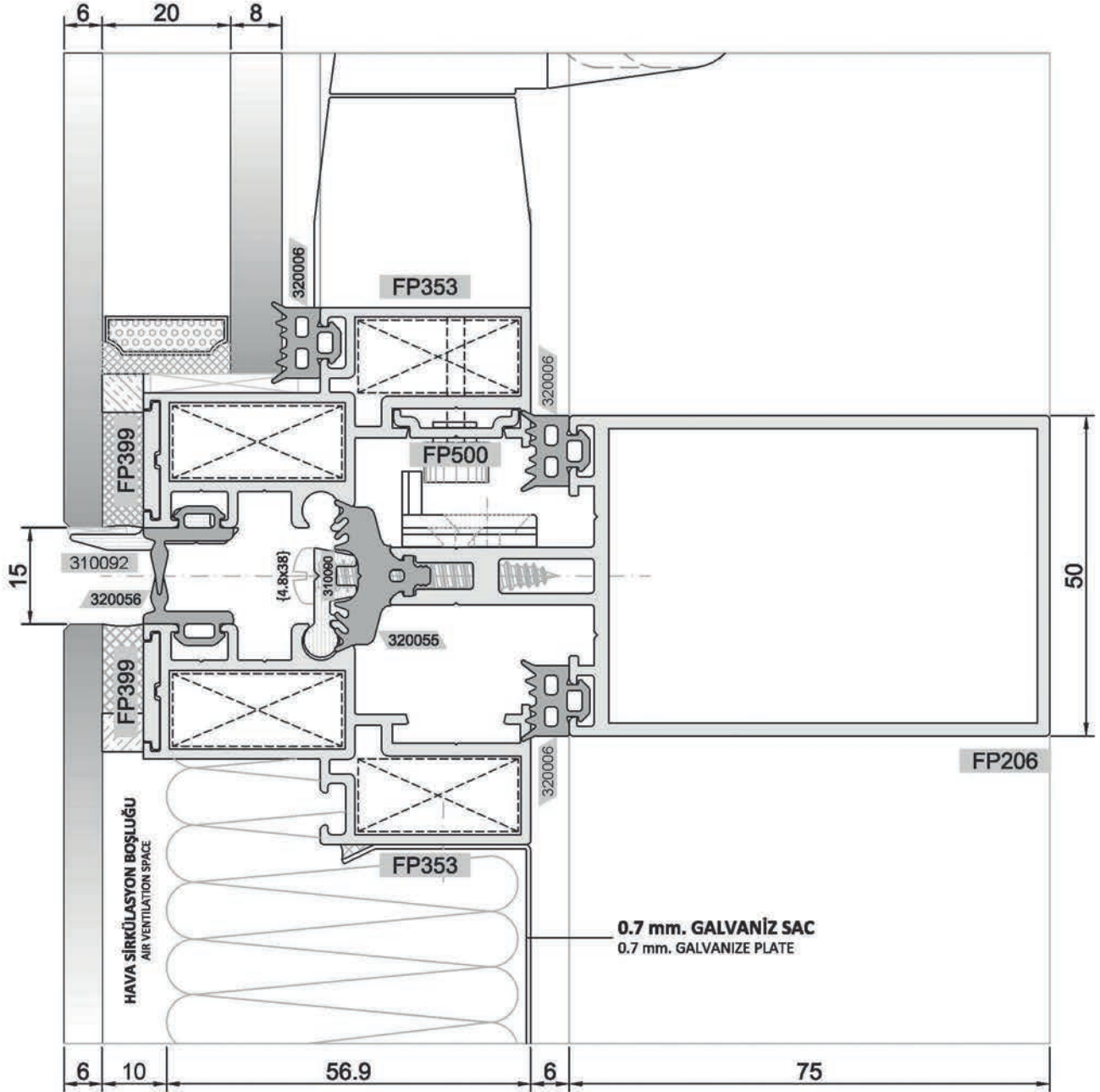
DÜŞEY DETAYI
VERTICAL DETAIL

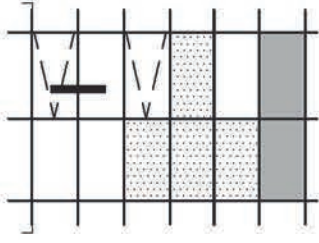
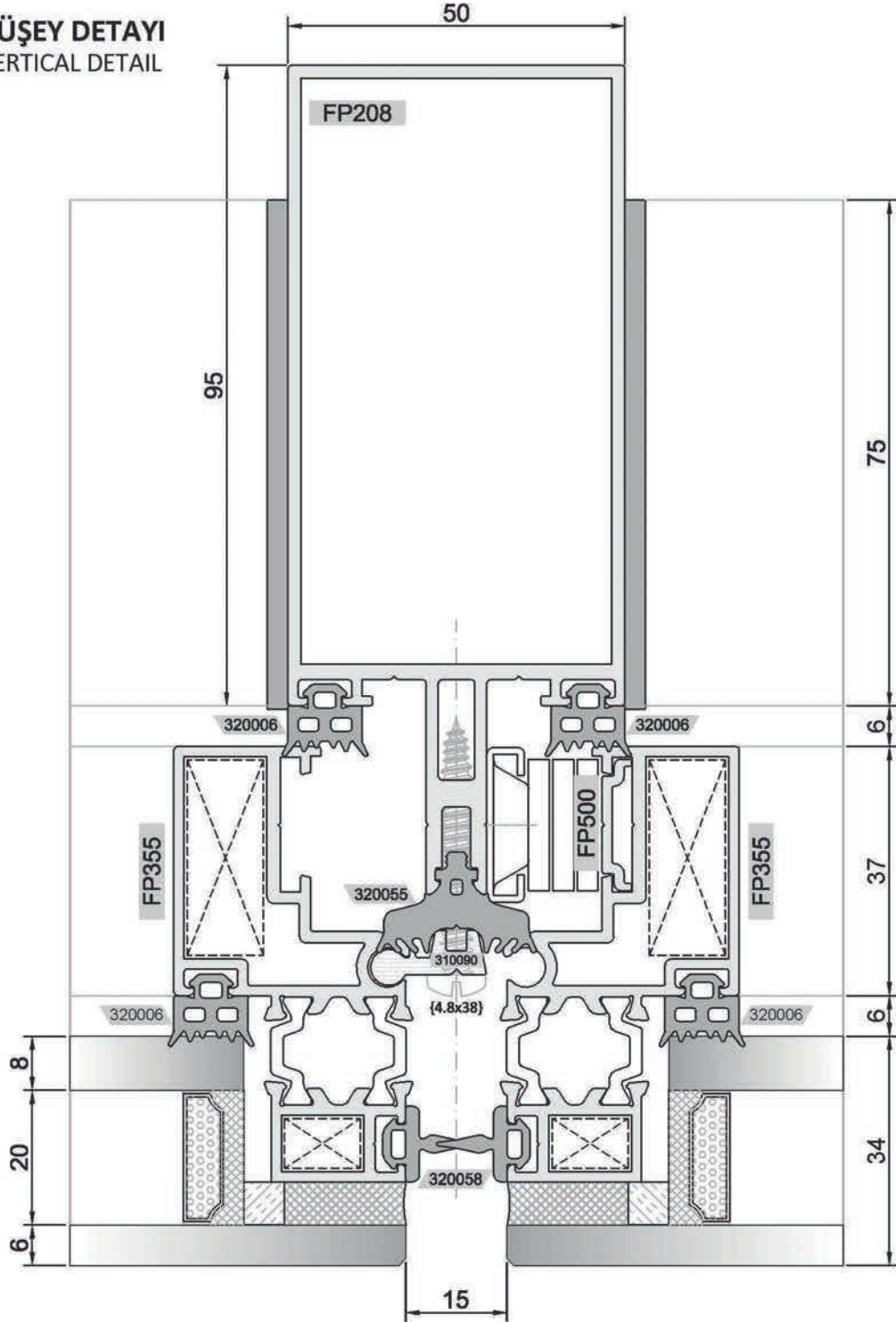


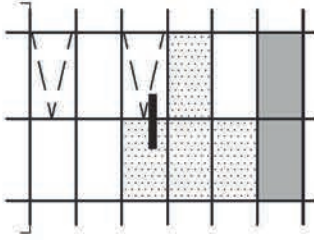


ALTERNATİF 1: YÜKSEK KAPASİTELİ KASET
ALTERNATIVE 1 : HIGH CAPACITY STRUCTURAL CELL

YATAY DETAYI
HORIZONTAL DETAIL

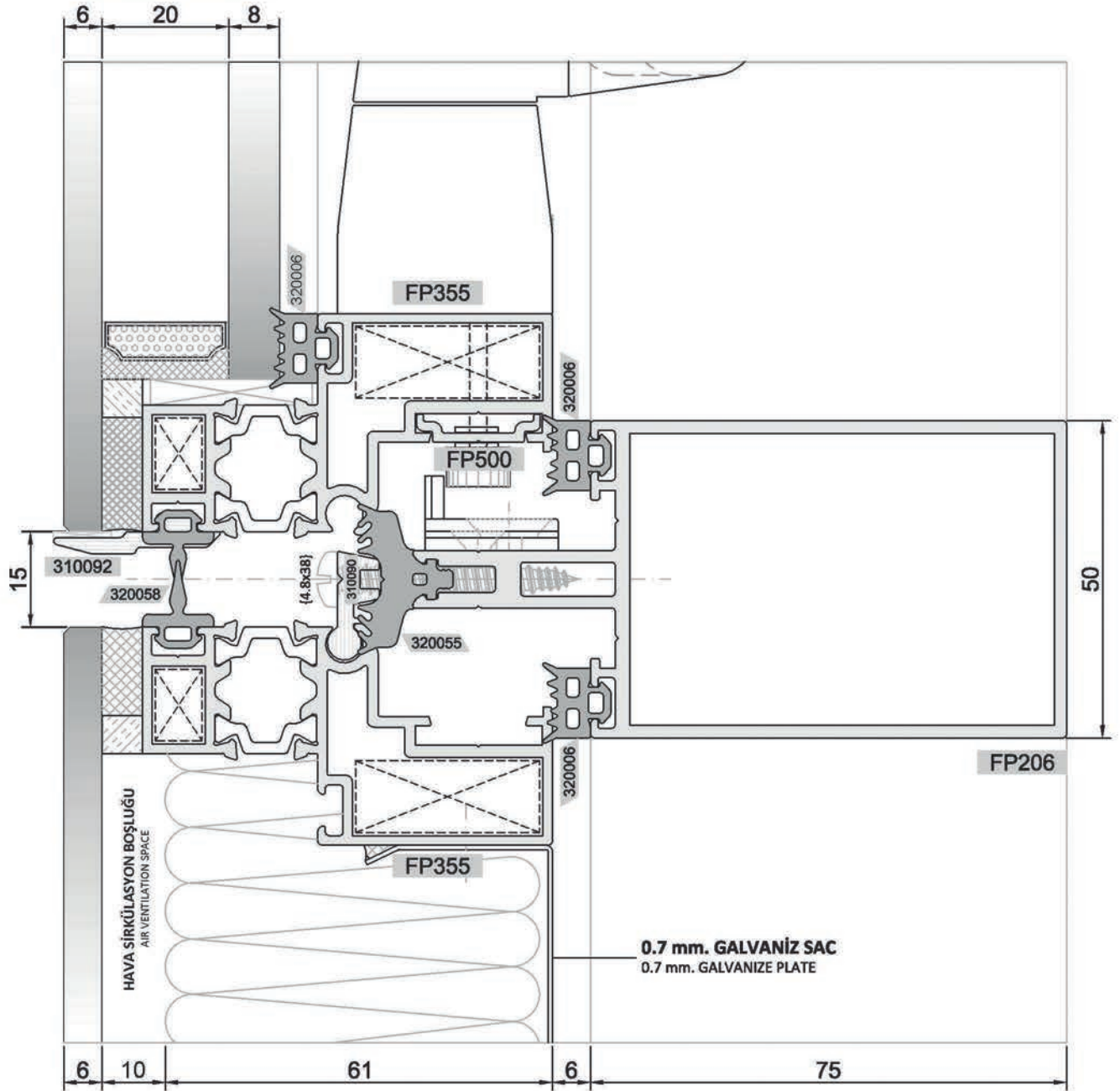


**ALTERNATİF 2: YÜKSEK KAPASİTELİ YALITIMLI KASET**
ALTERNATIVE 2 : HIGH CAPACITY INSULATED STRUCTURAL CELL**DÜŞEY DETAYI**
VERTICAL DETAIL



ALTERNATİF 2: YÜKSEK KAPASİTELİ YALITIMLI KASET
 ALTERNATIVE 2 : HIGH CAPACITY INSULATED STRUCTURAL CELL

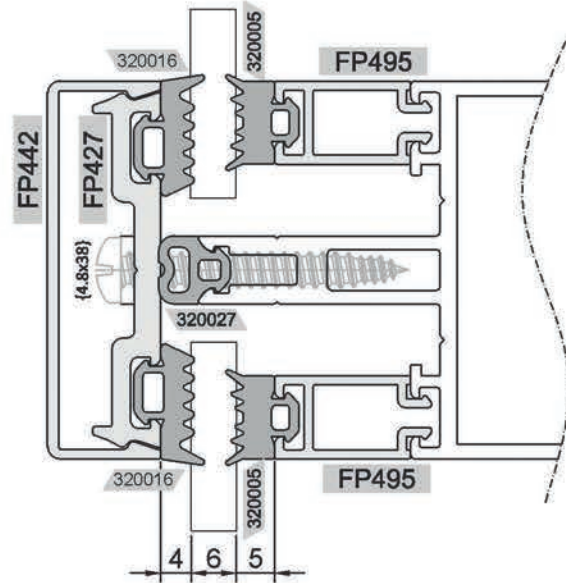
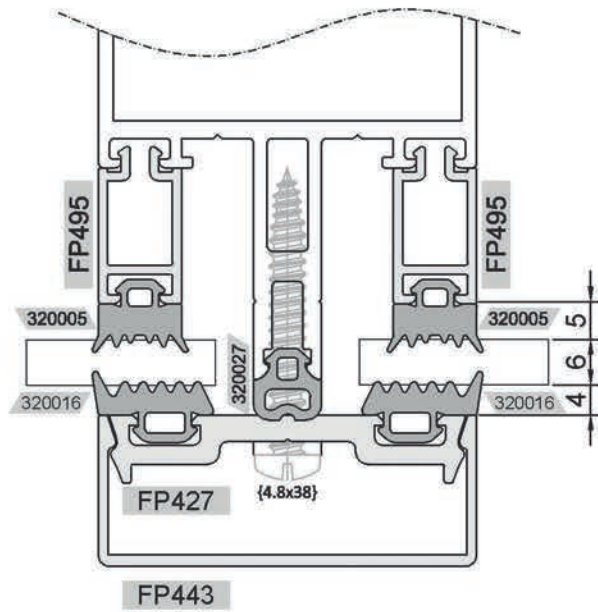
YATAY DETAYI
 HORIZONTAL DETAIL



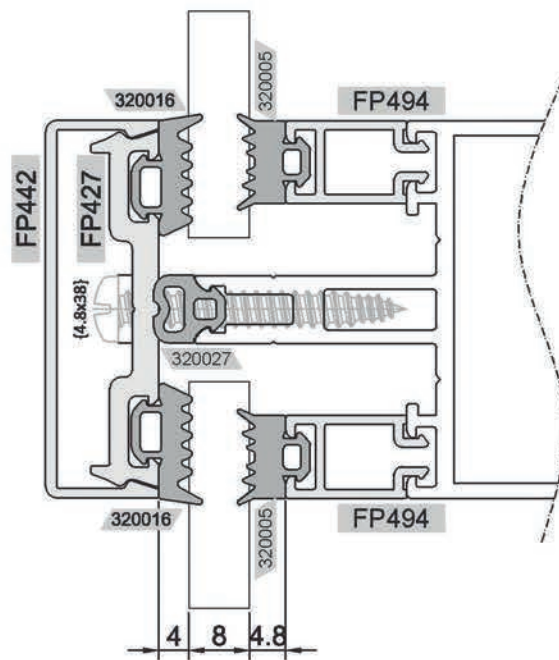
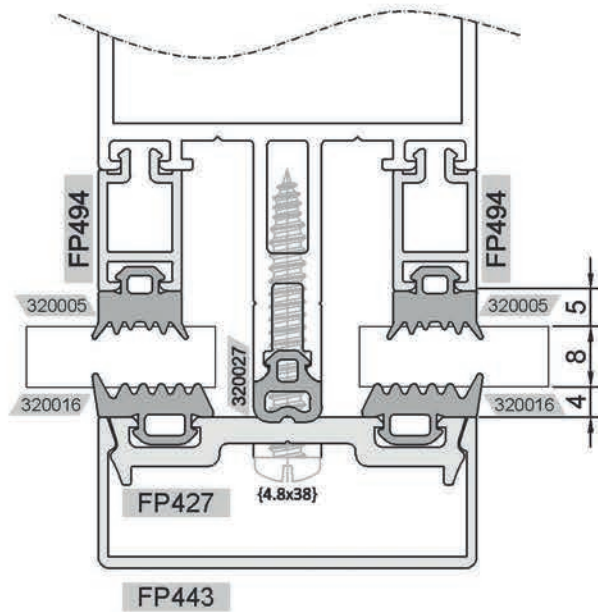
**CAM KALINLIKLARINA GÖRE
KAPAKLI SİSTEM DETAYLARI
CAPPED CURTAIN WALL
DETAILS ACCORDING TO THE
GLASS THICKNESSES**



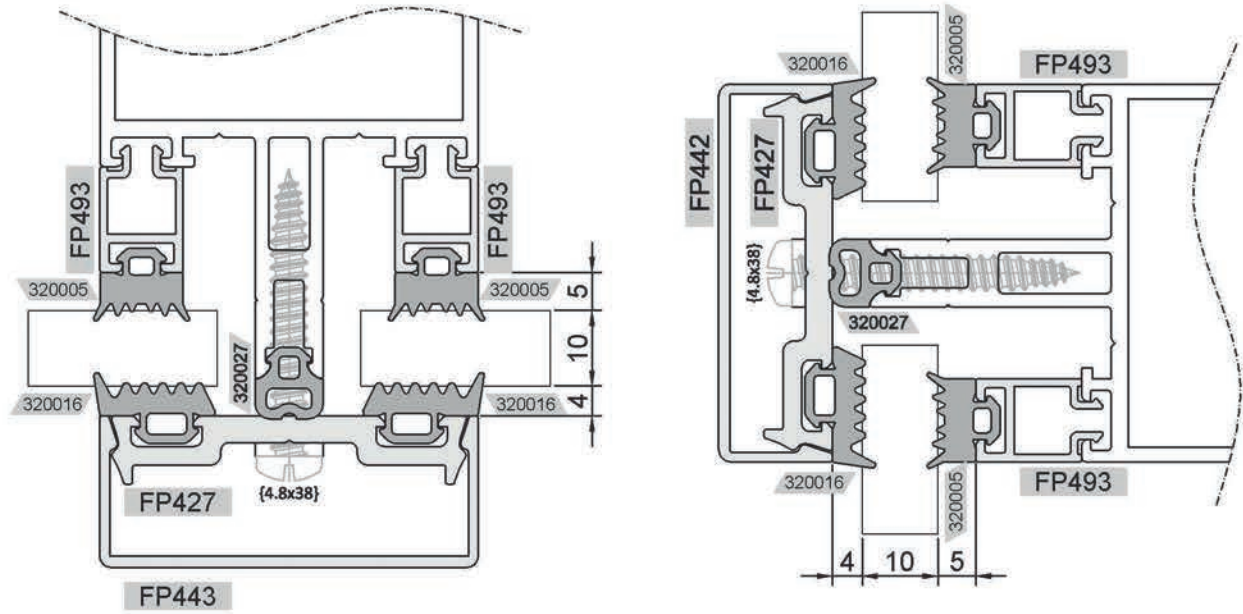
6mm



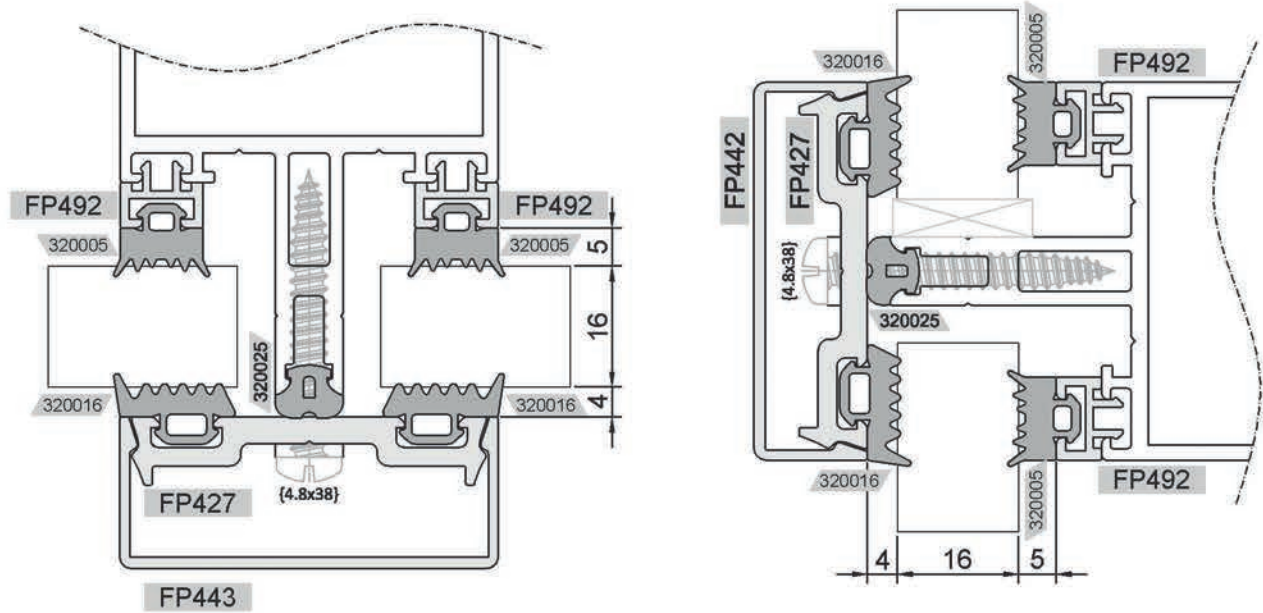
8mm



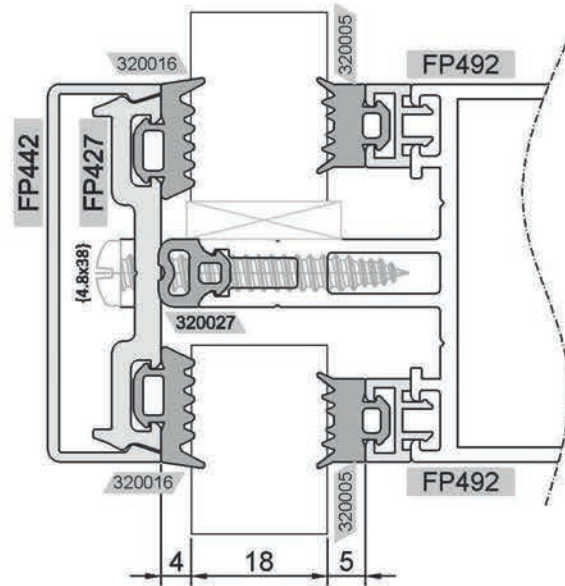
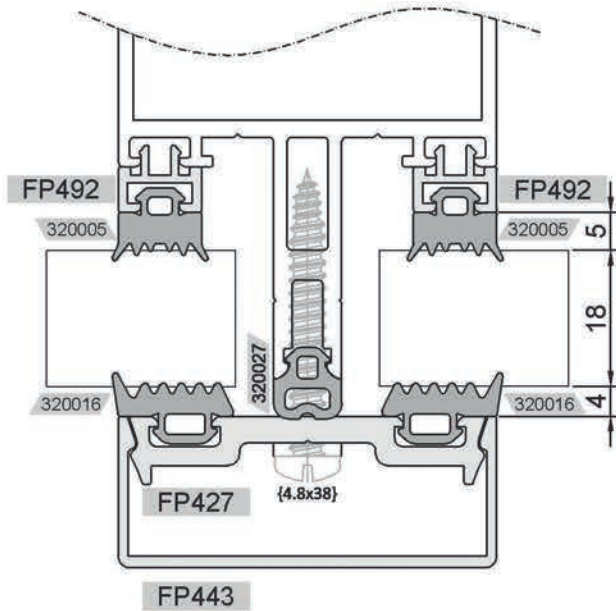
10mm



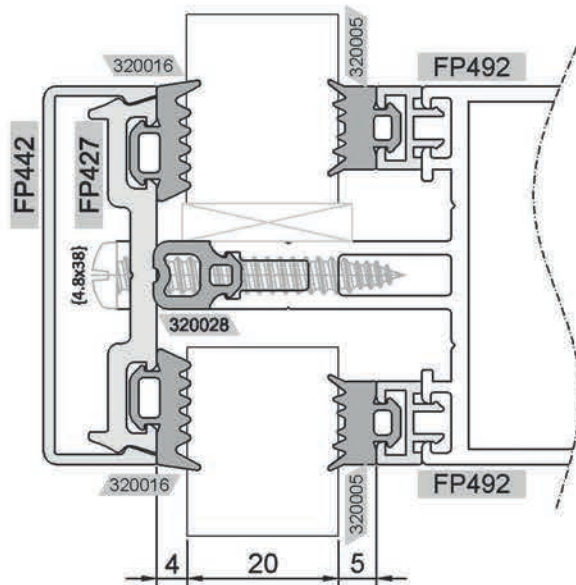
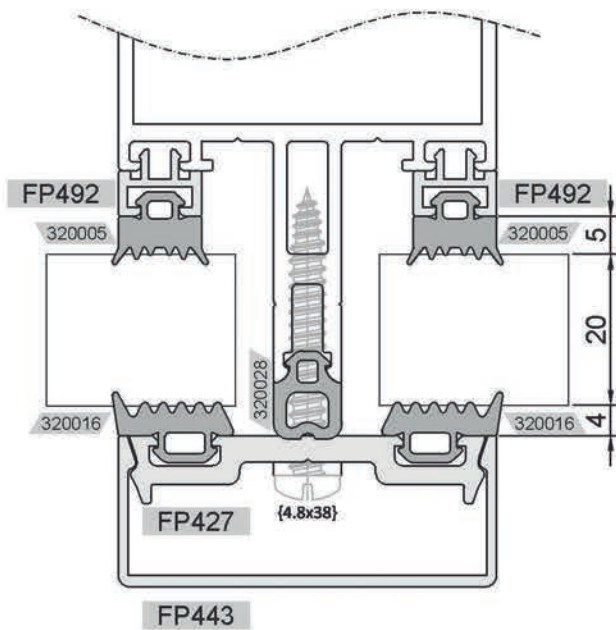
16mm



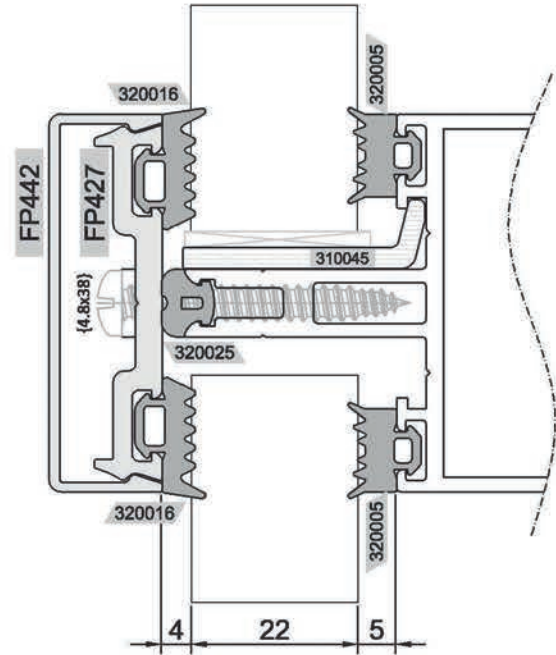
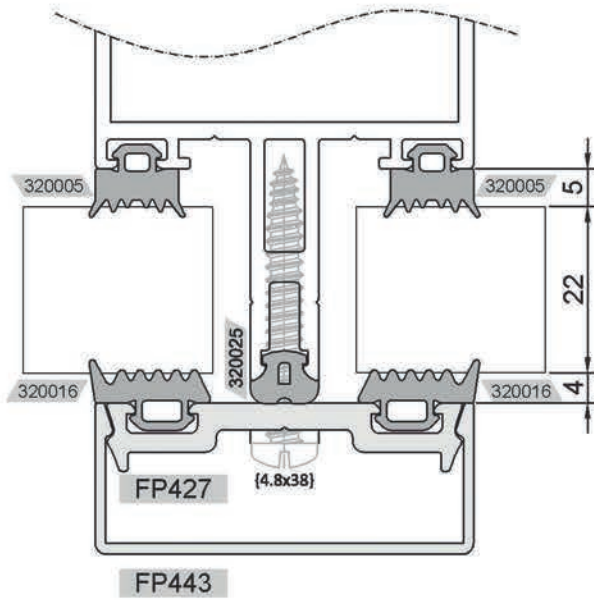
18mm



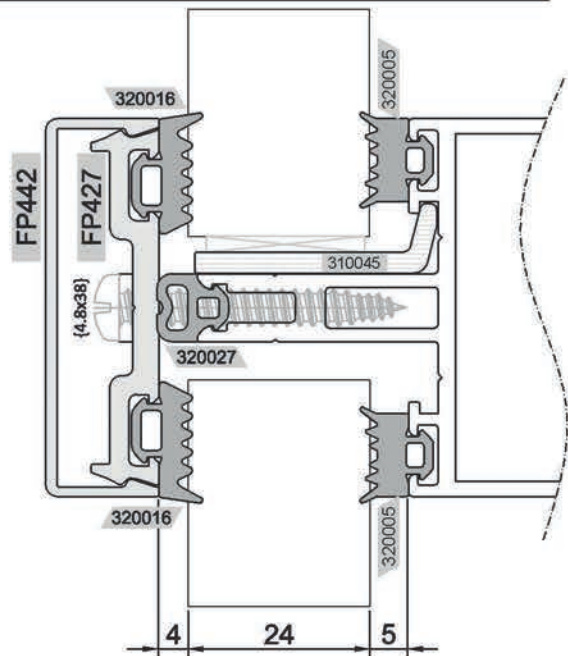
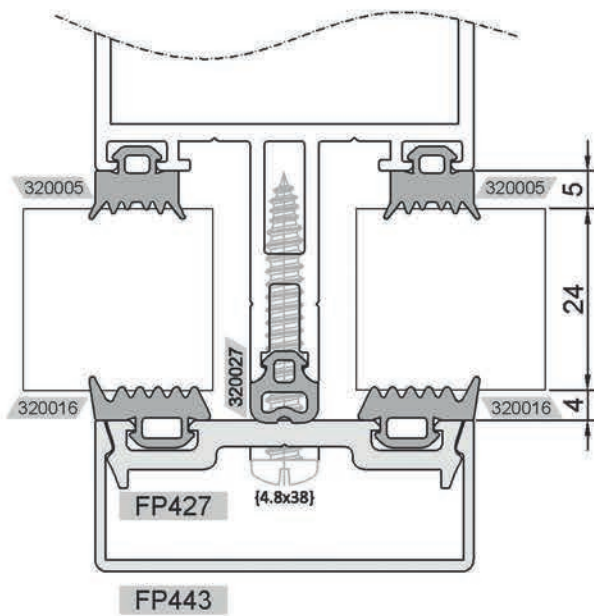
20mm



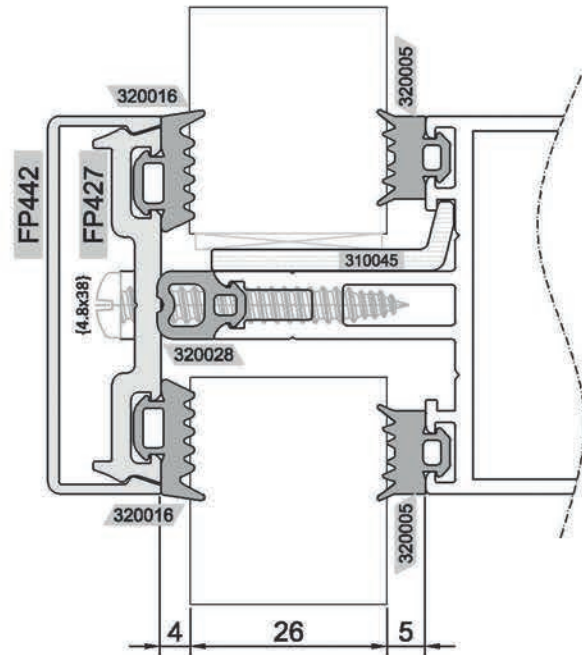
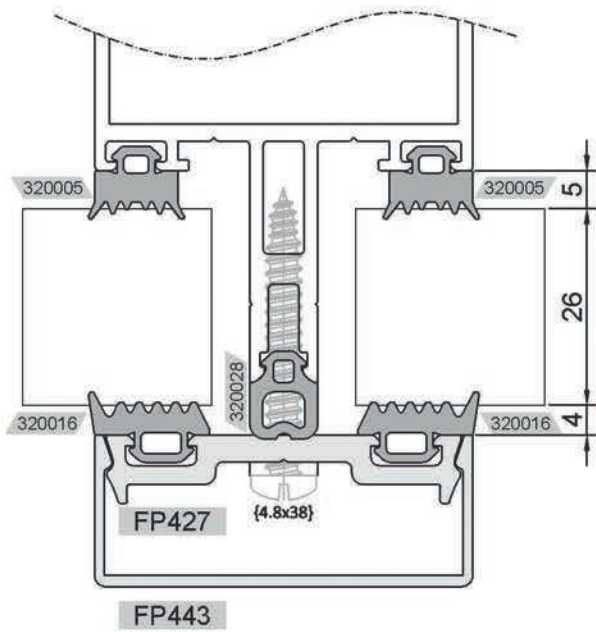
22mm



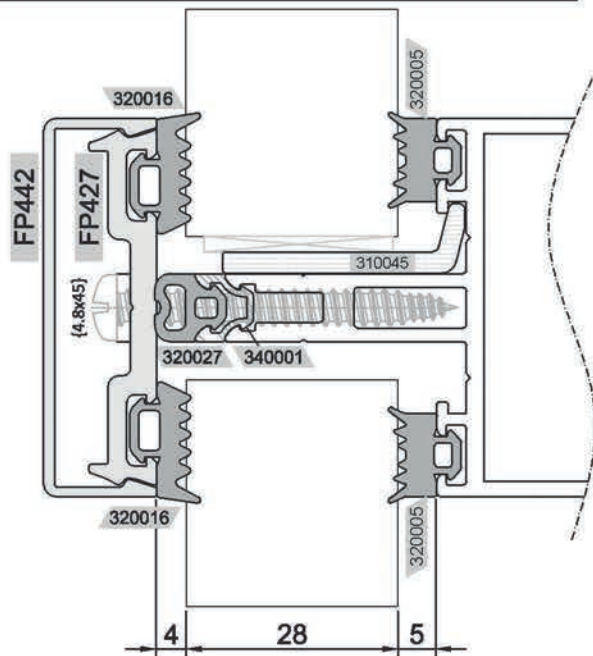
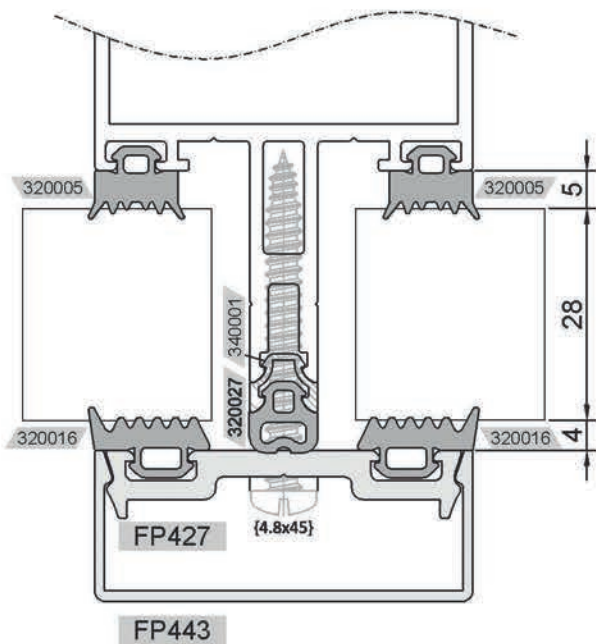
24mm



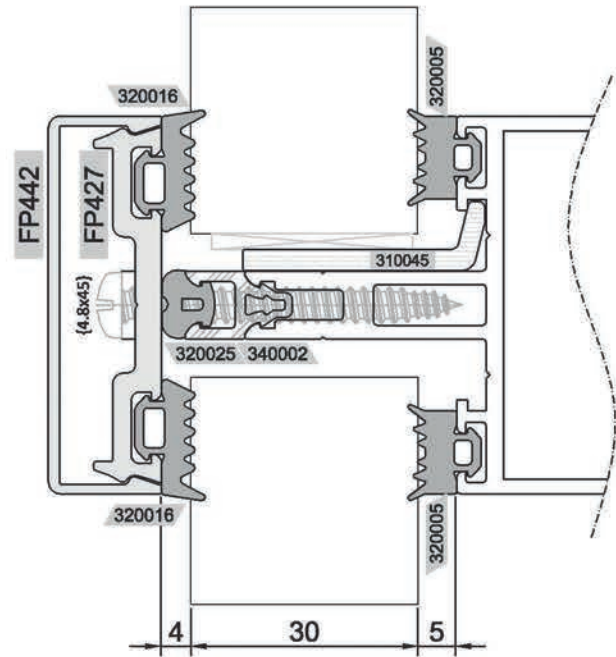
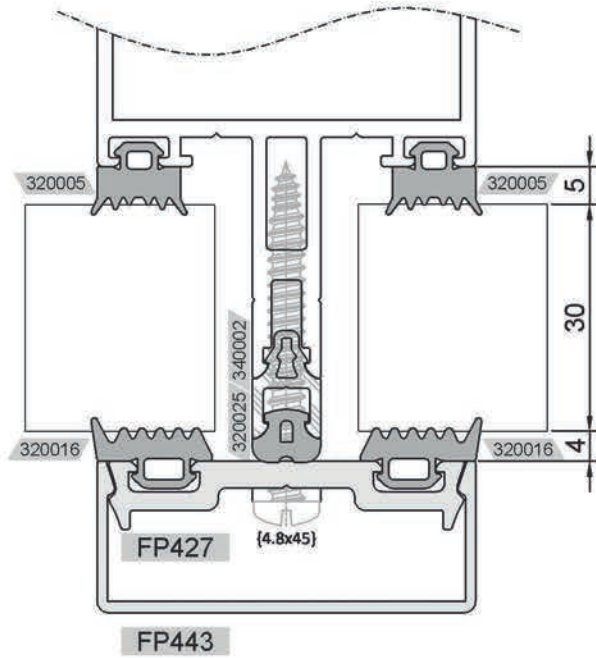
26mm



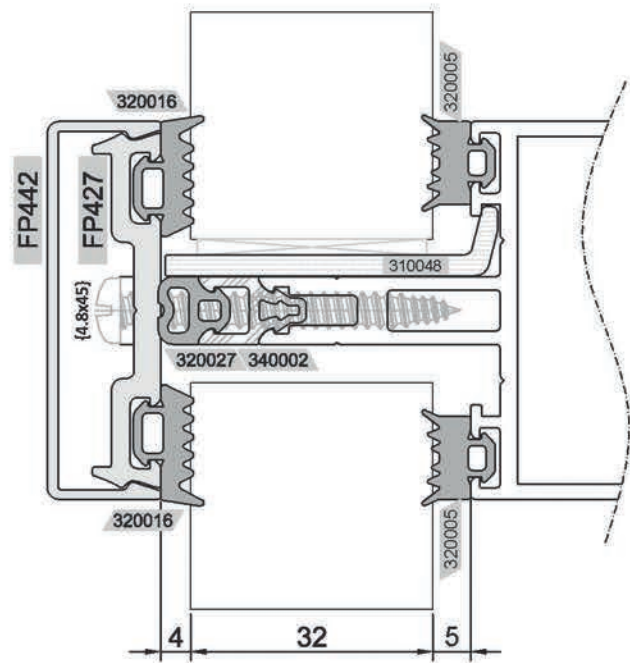
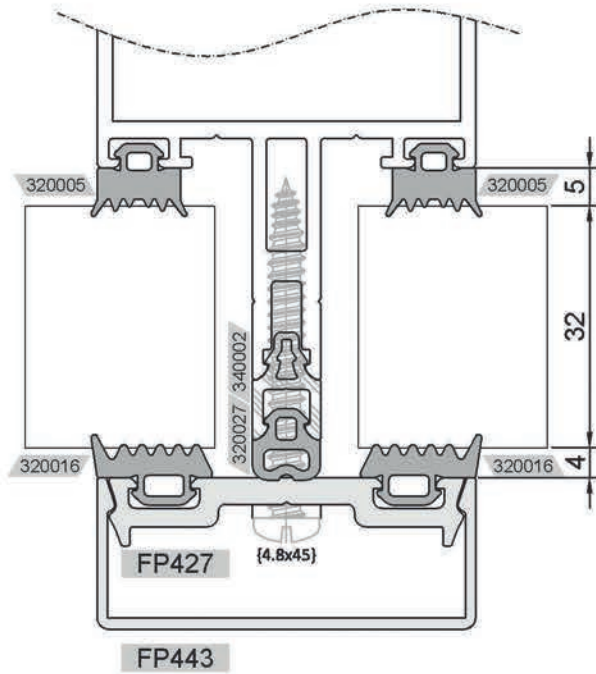
28mm



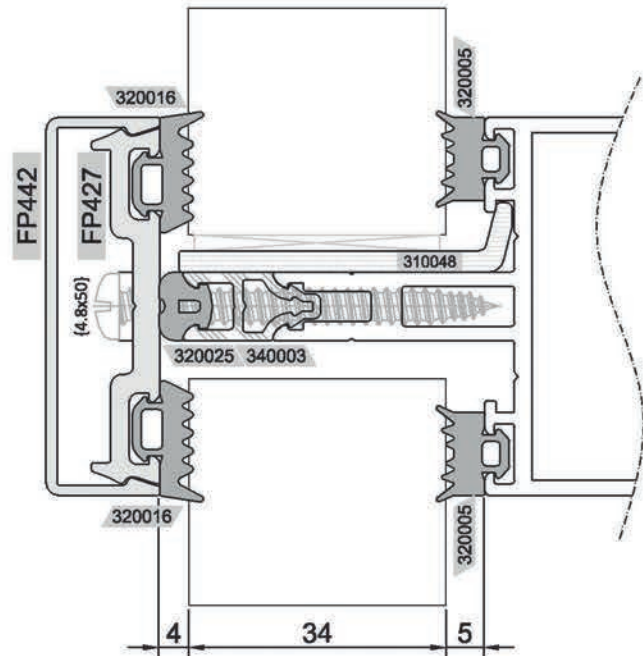
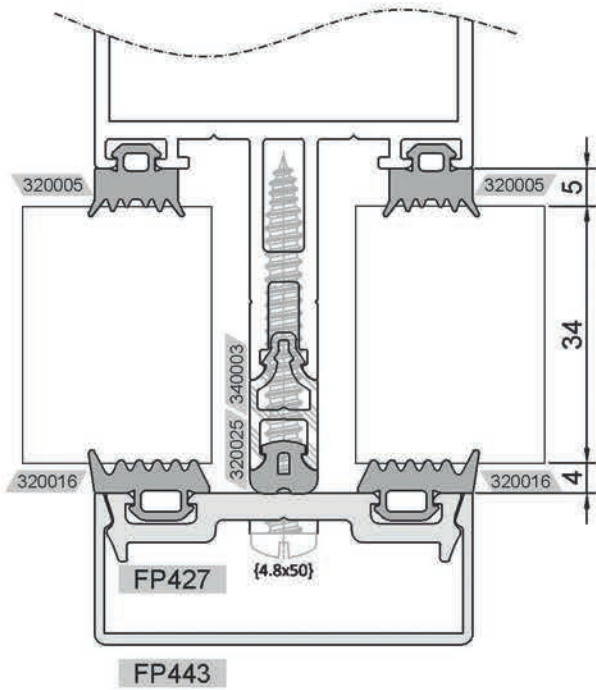
30mm



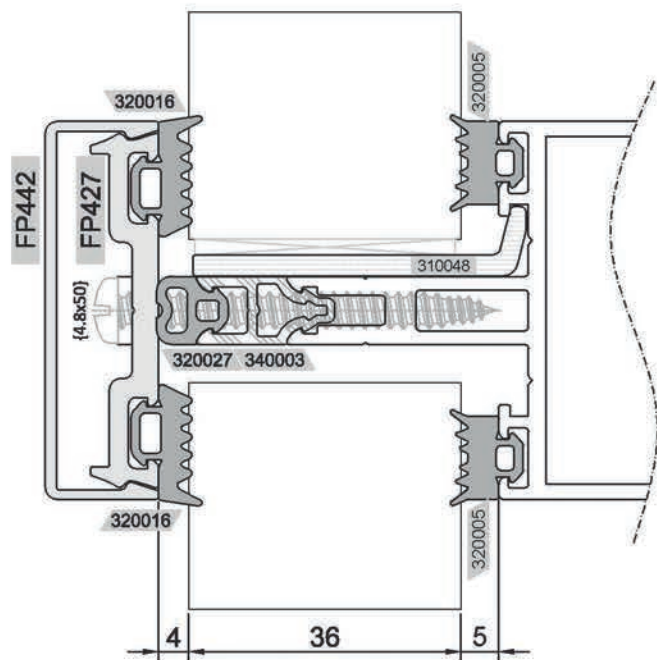
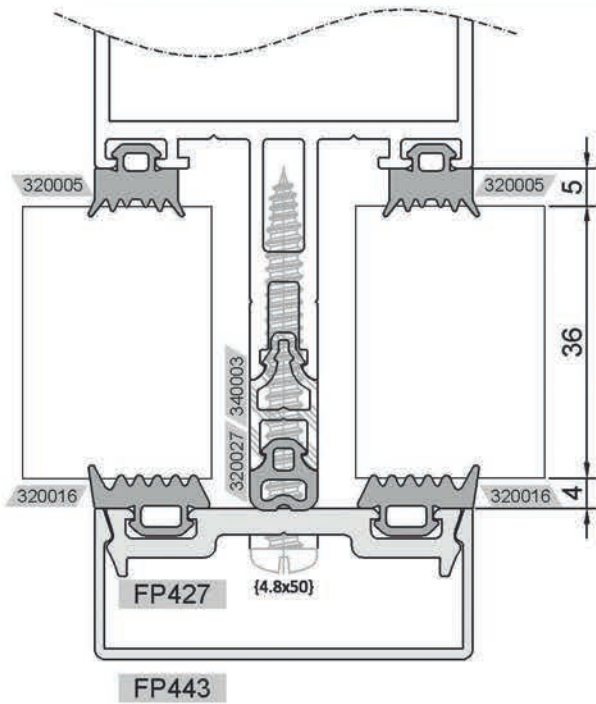
32mm



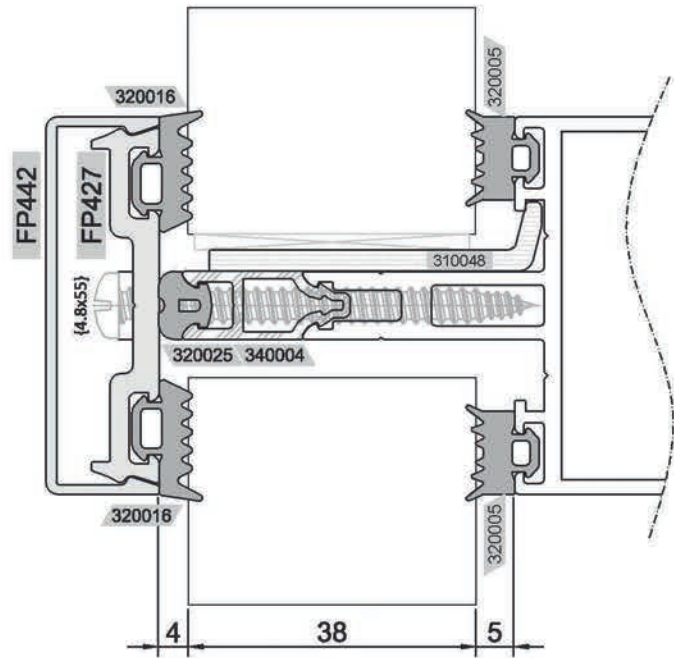
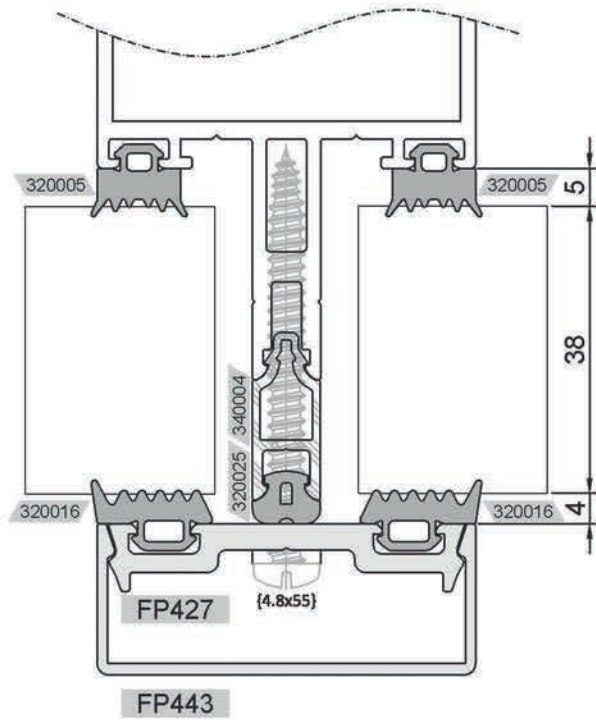
34mm



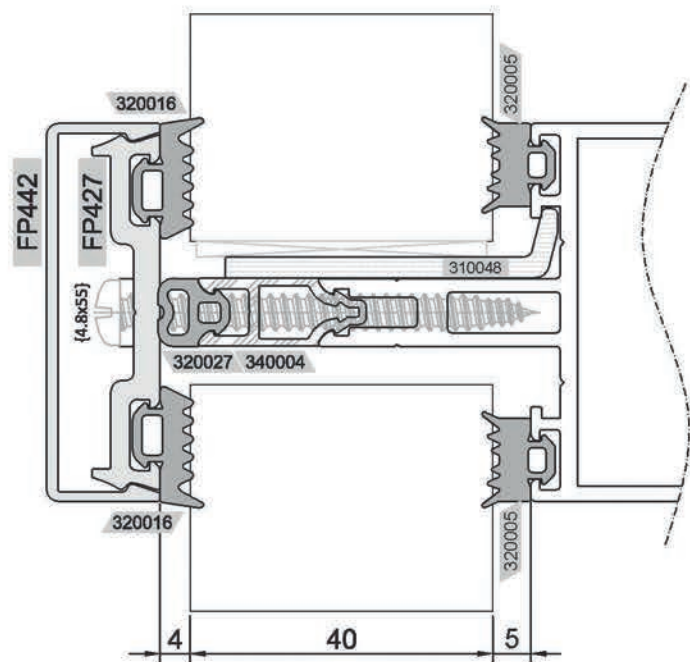
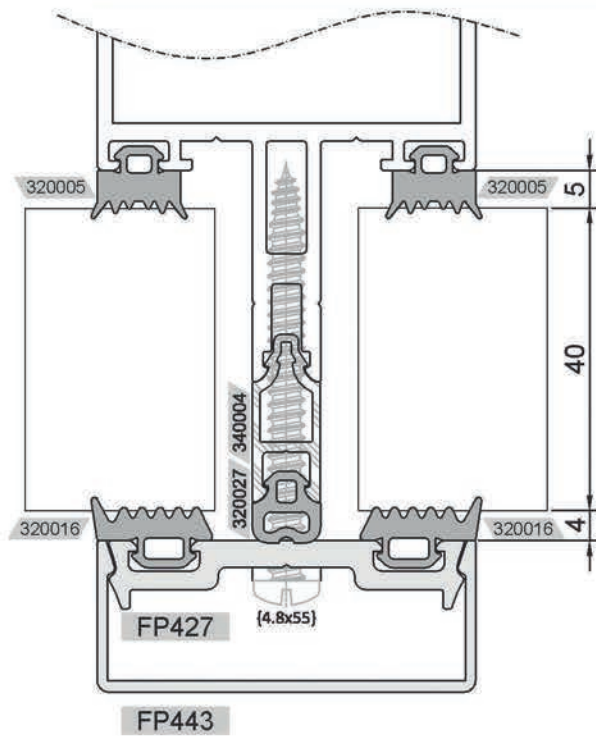
36mm



38mm



40mm

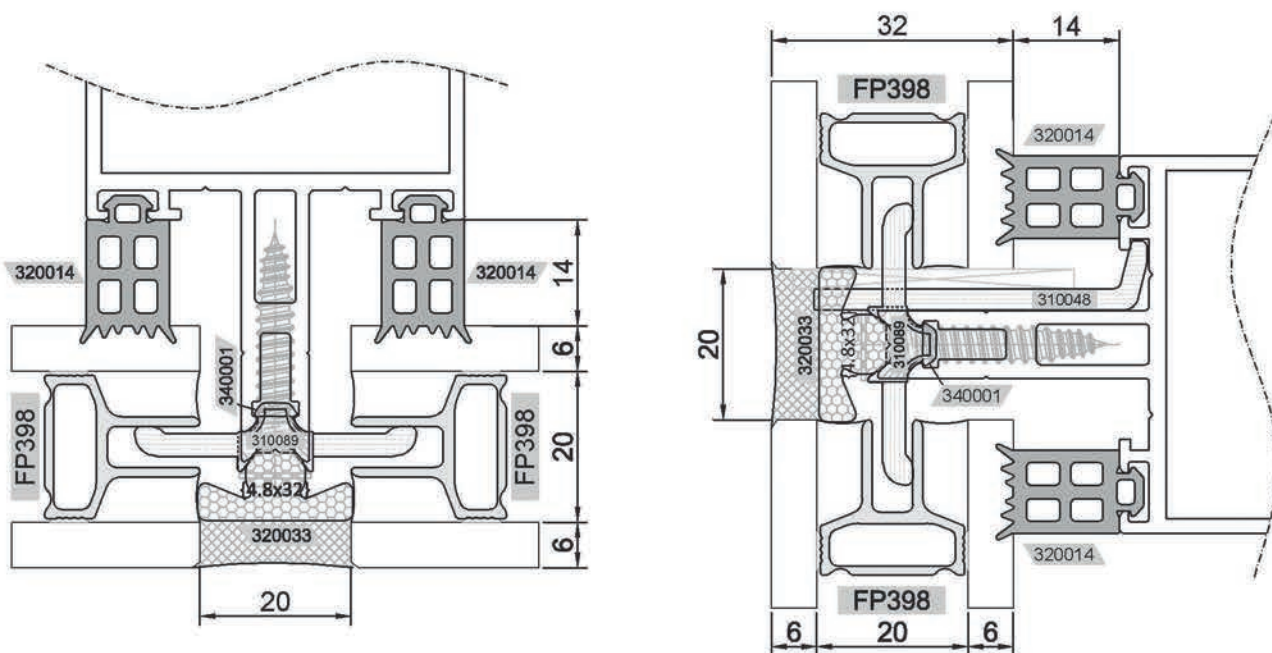


**CAM KALINLIKLARINA GÖRE
ENTEĞRE SİSTEM DETAYLARI**

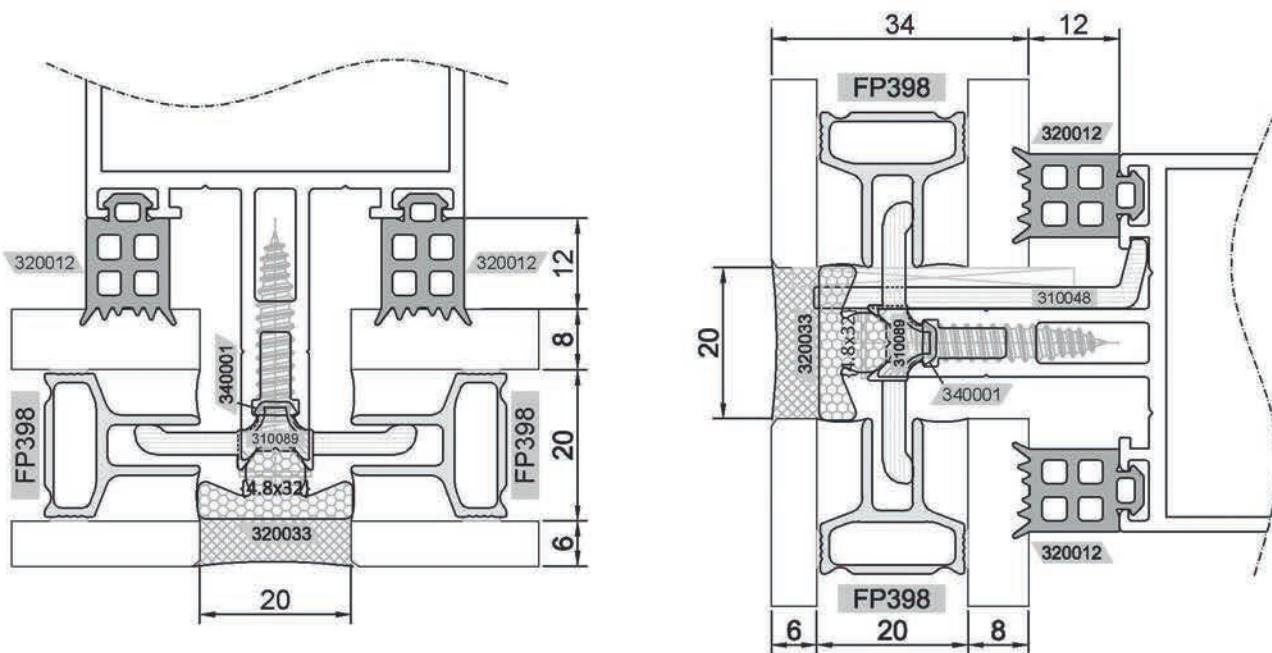
**INTEGRATED CURTAIN WALL
DETAILS ACCORDING TO THE
GLASS THICKNESSES**



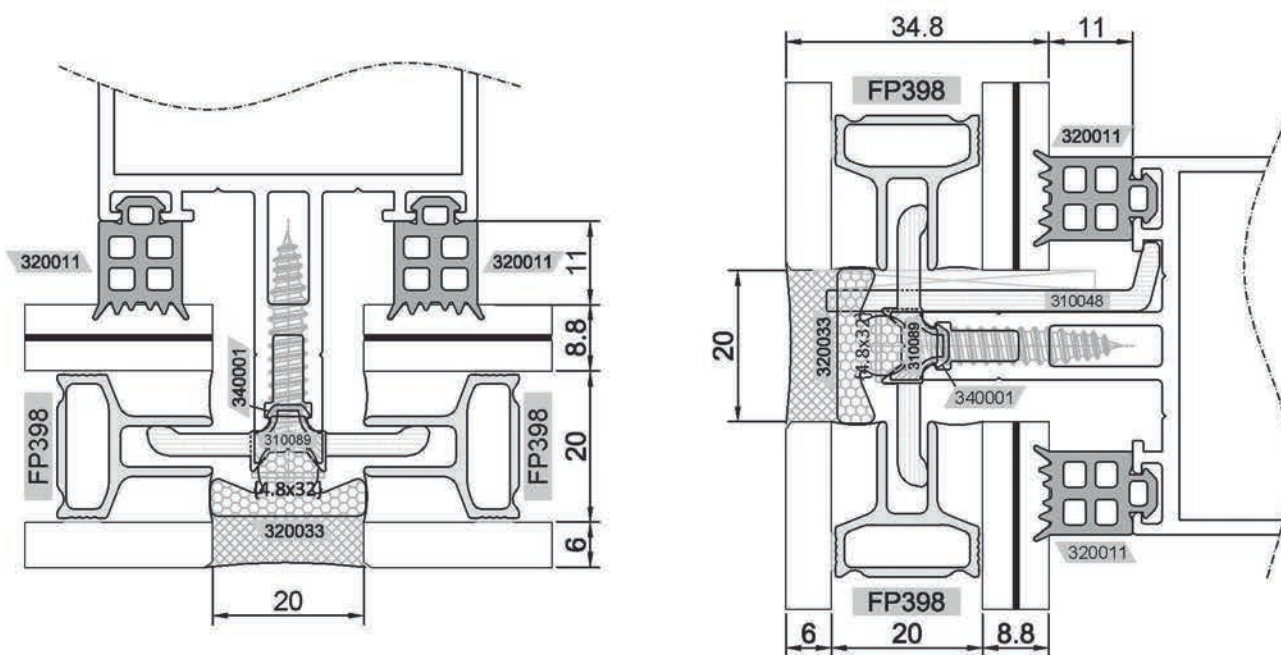
32mm



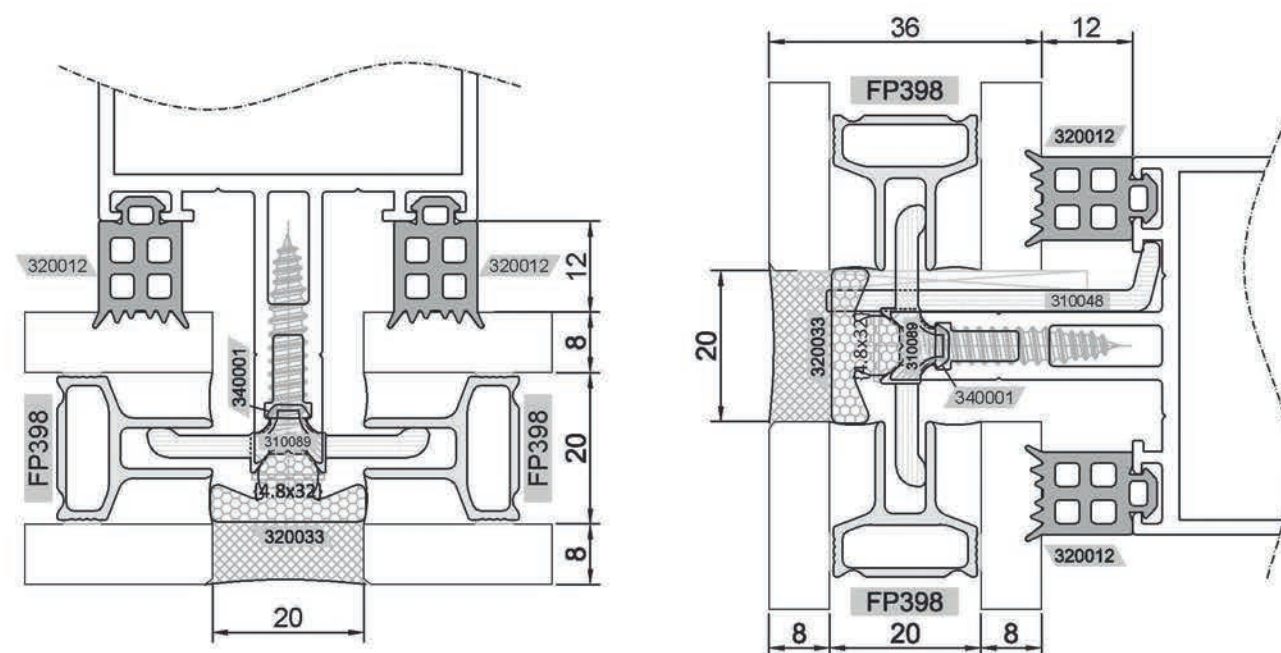
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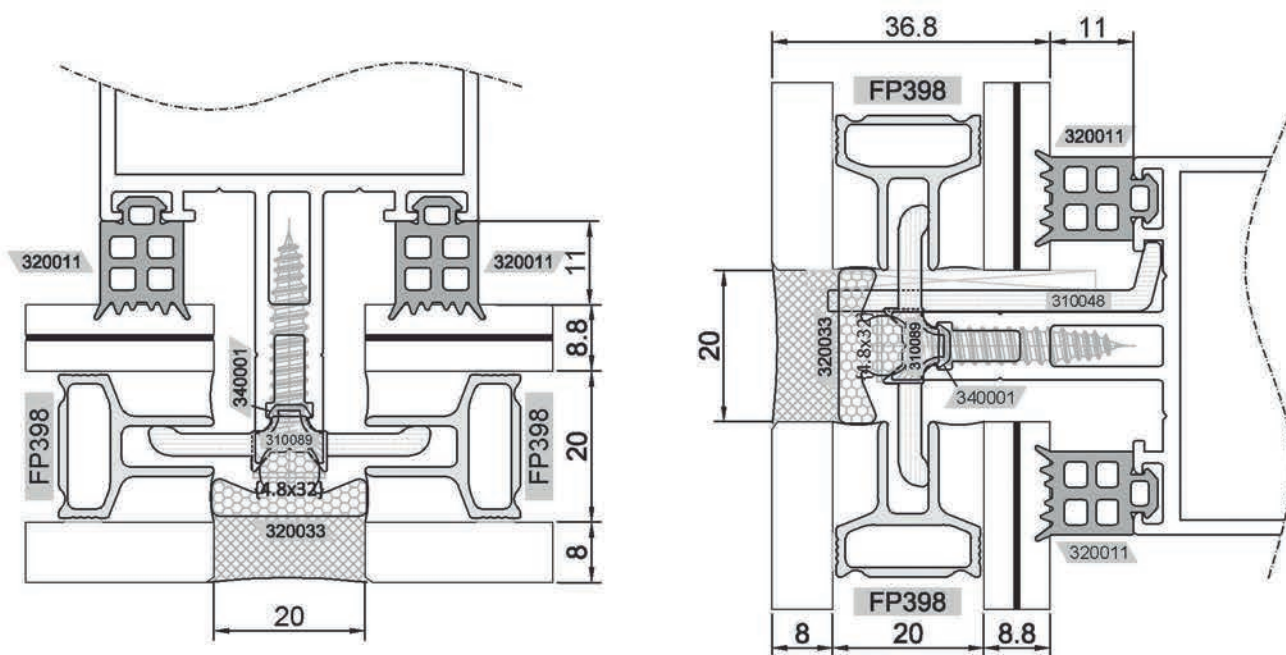
34,76mm



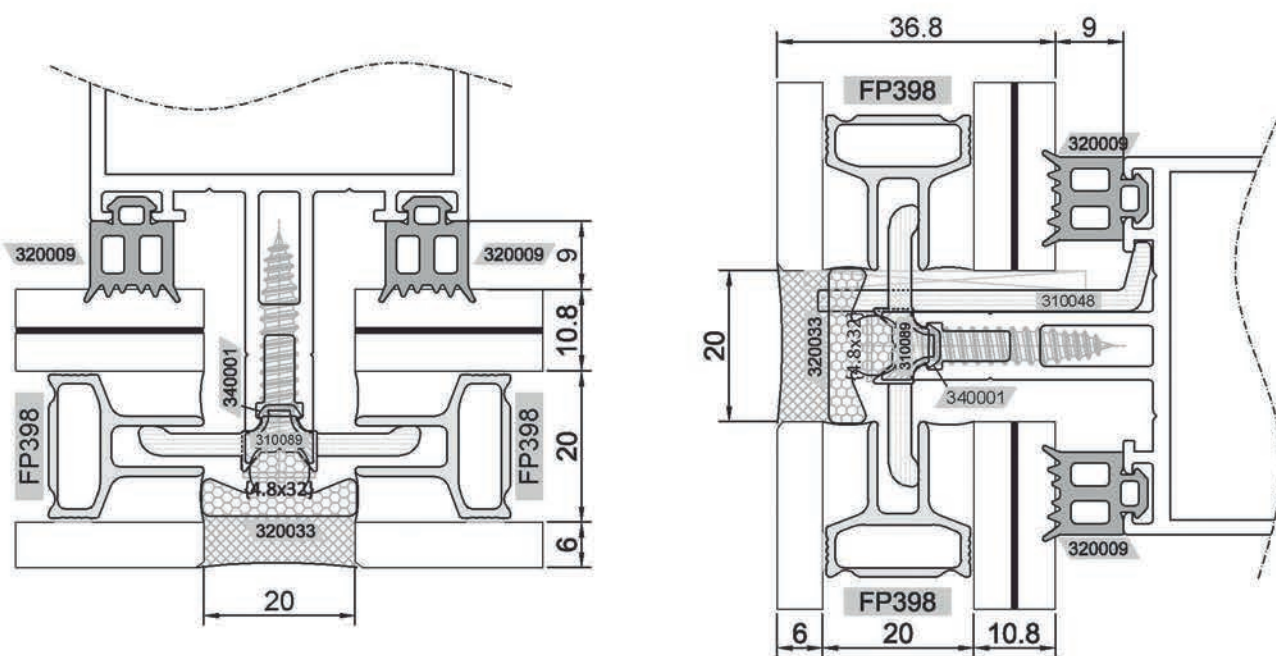
36mm



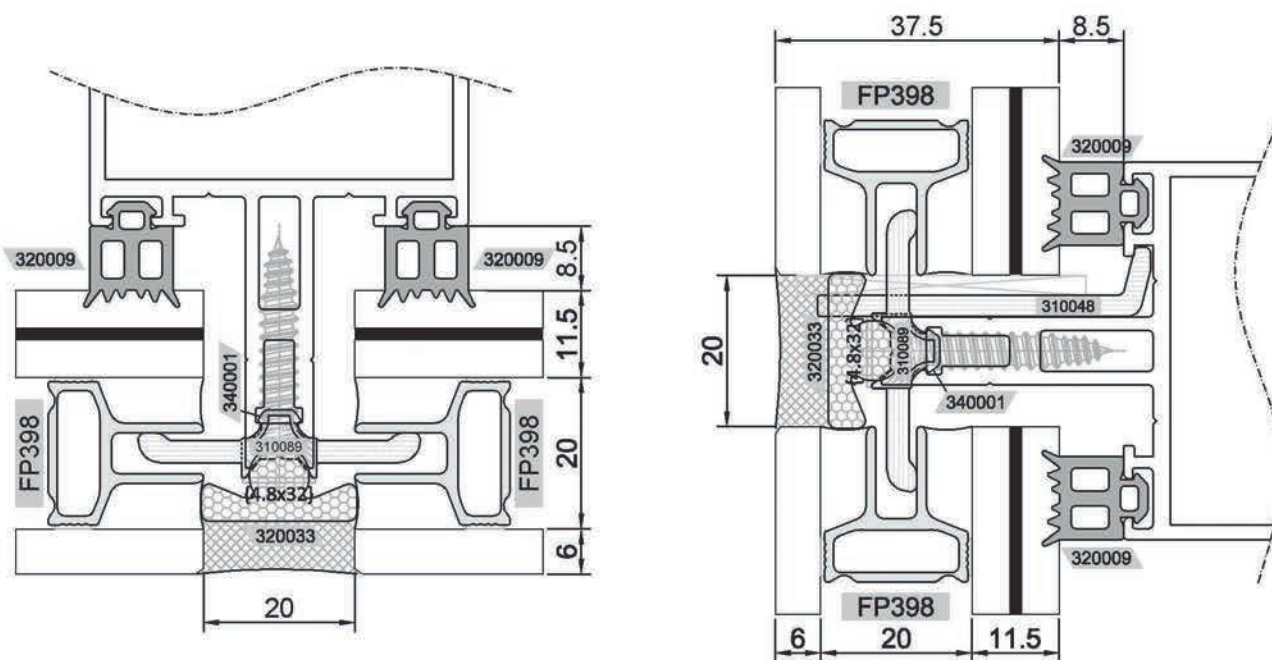
36,76mm



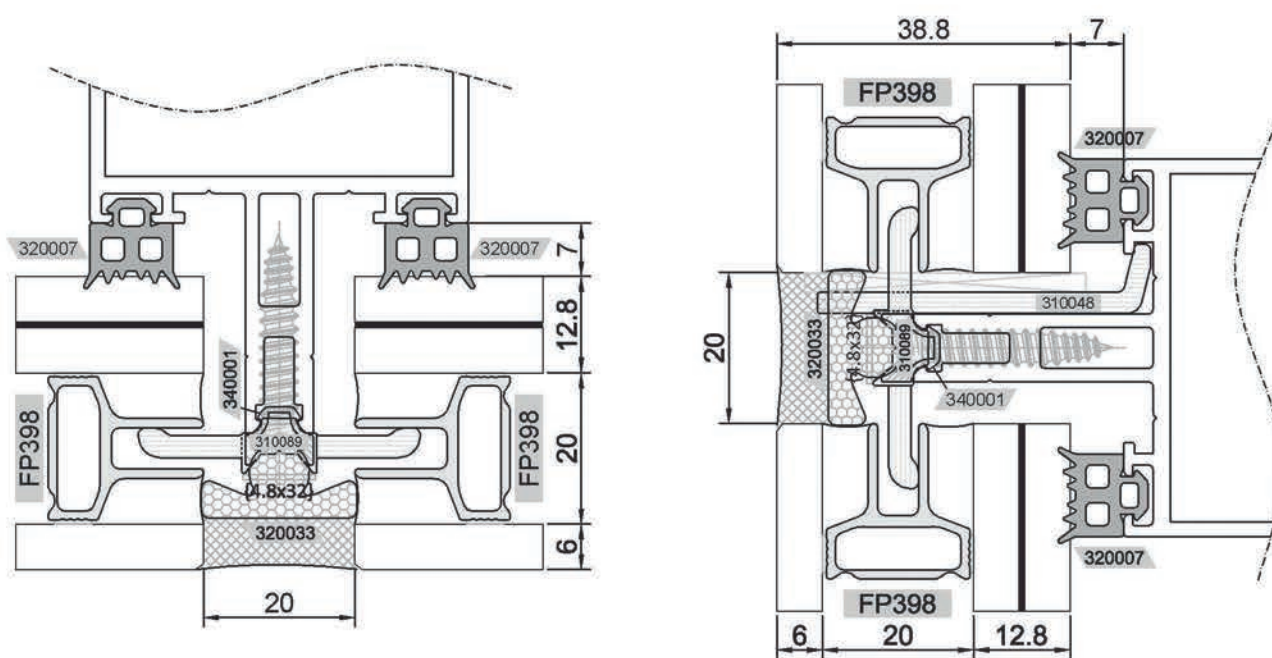
36,76mm



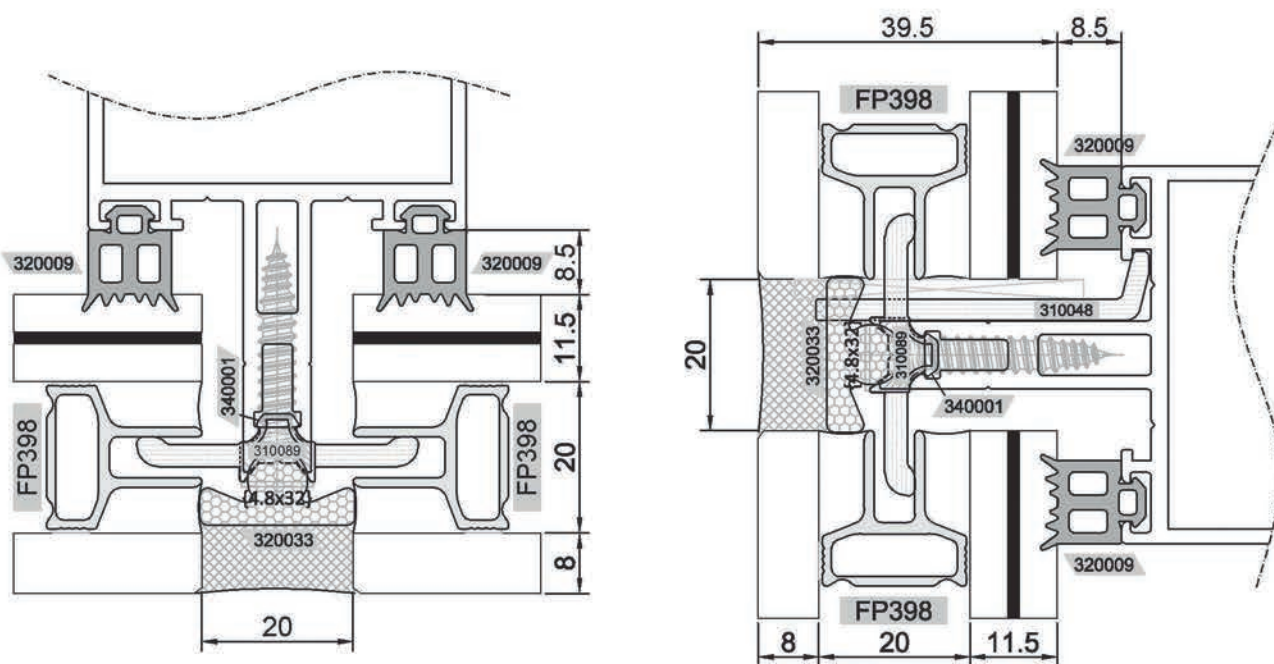
37,52mm



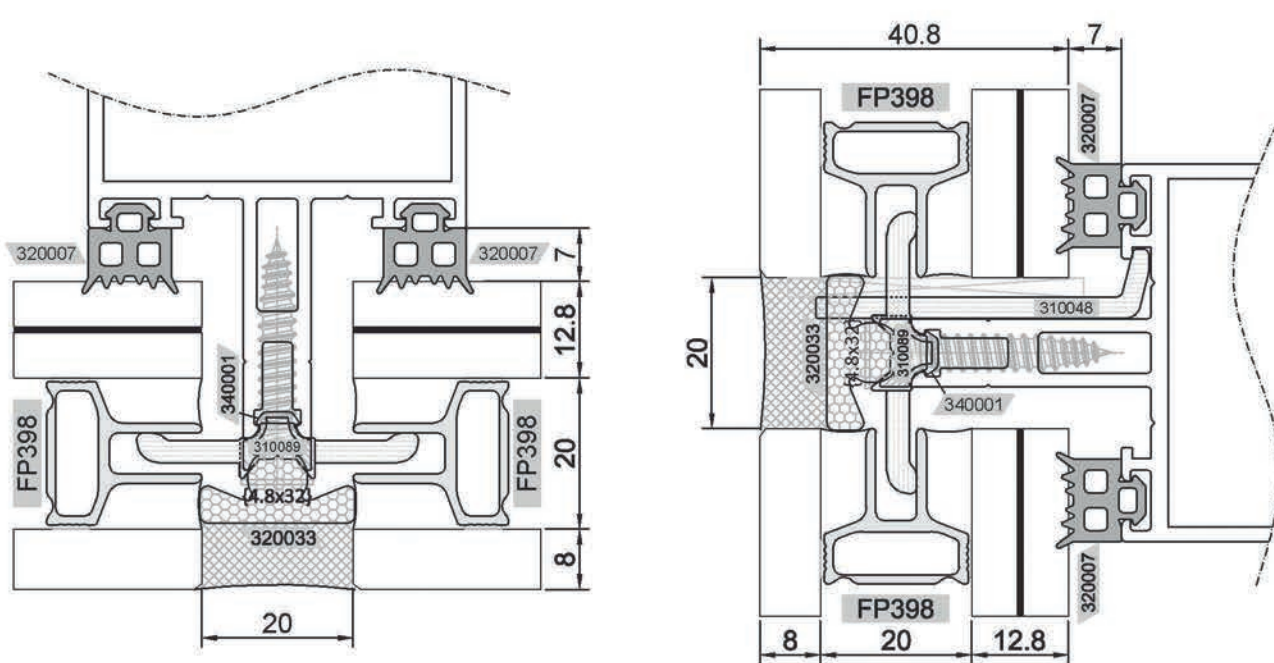
38,76mm



39,52mm



40,76mm

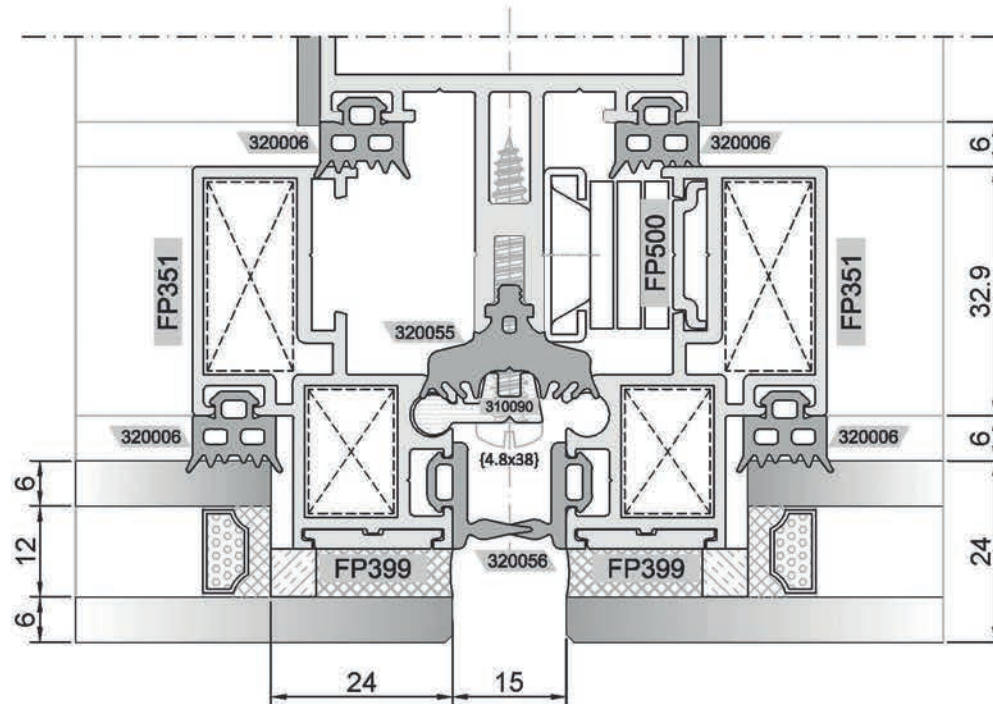


**CAM KALINLIKLARINA GÖRE
KASETLİ SİSTEM DETAYLARI**

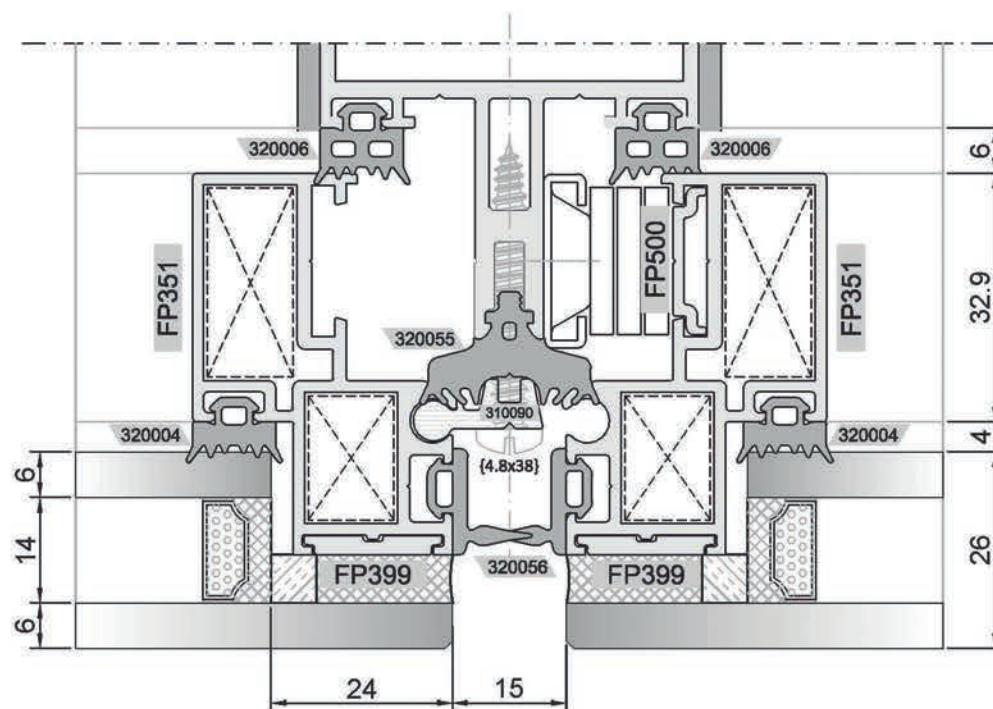
**CURTAIN WALL WITH
STRUCTURAL CELLS DETAILS
ACCORDING TO THE GLASS
THICKNESSES**



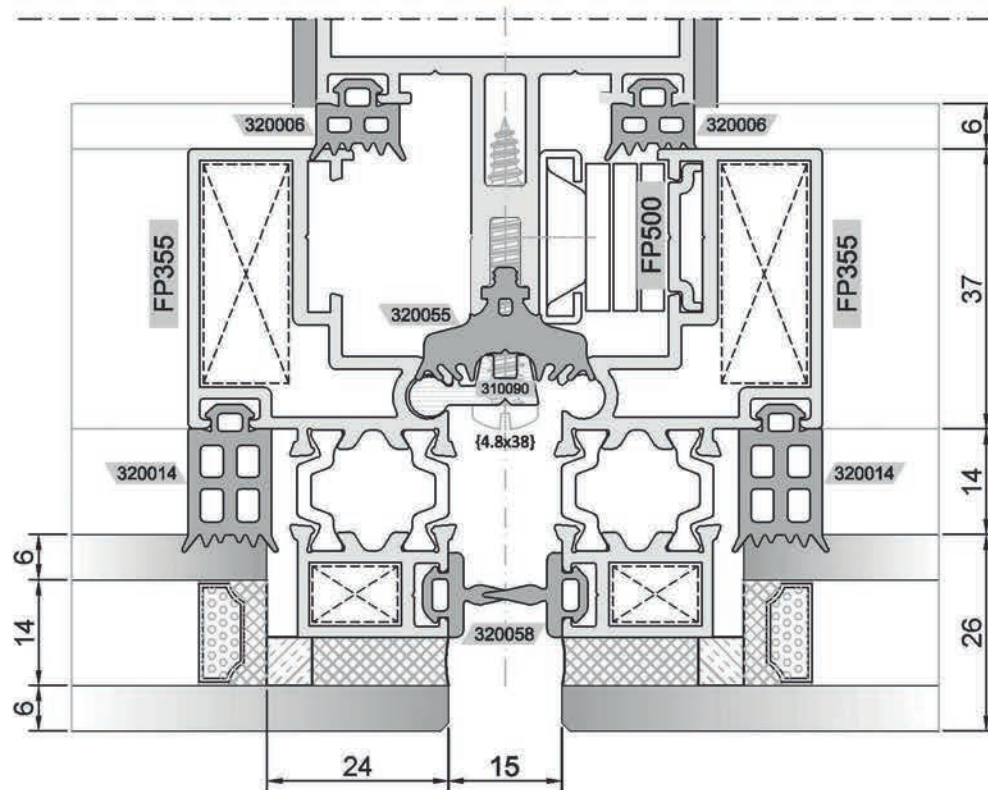
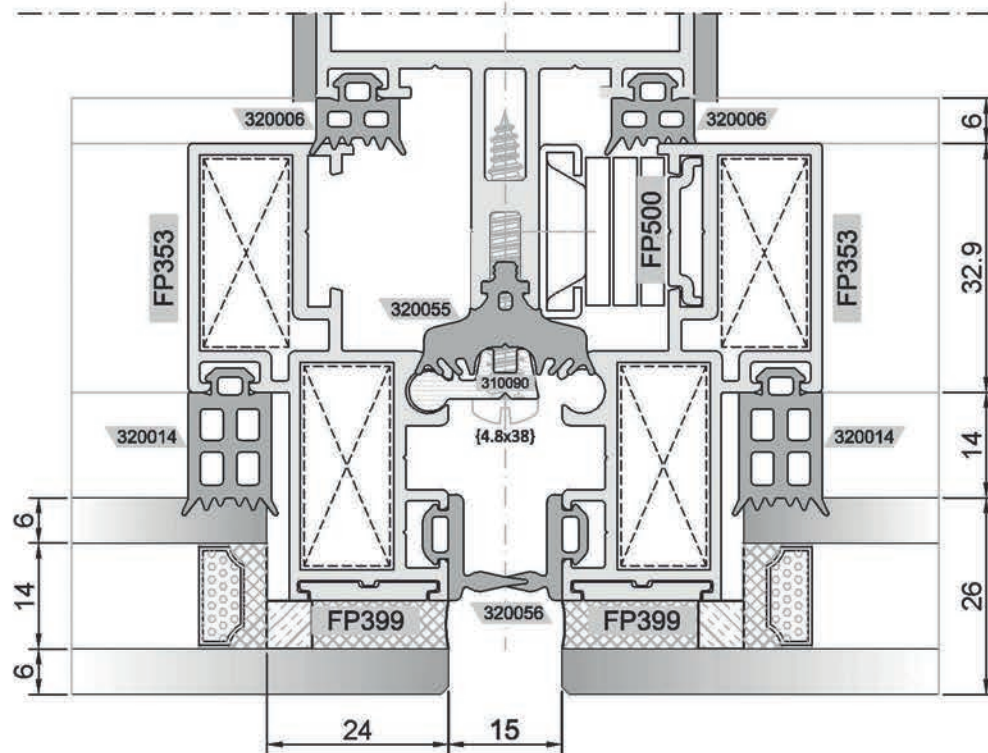
24mm



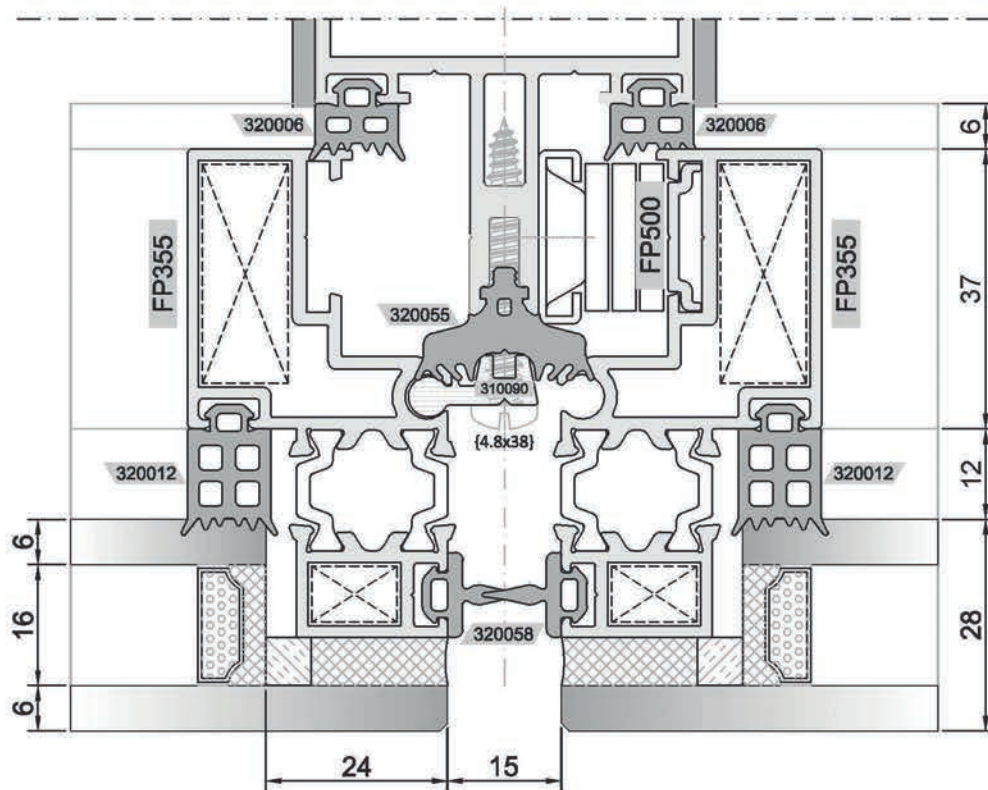
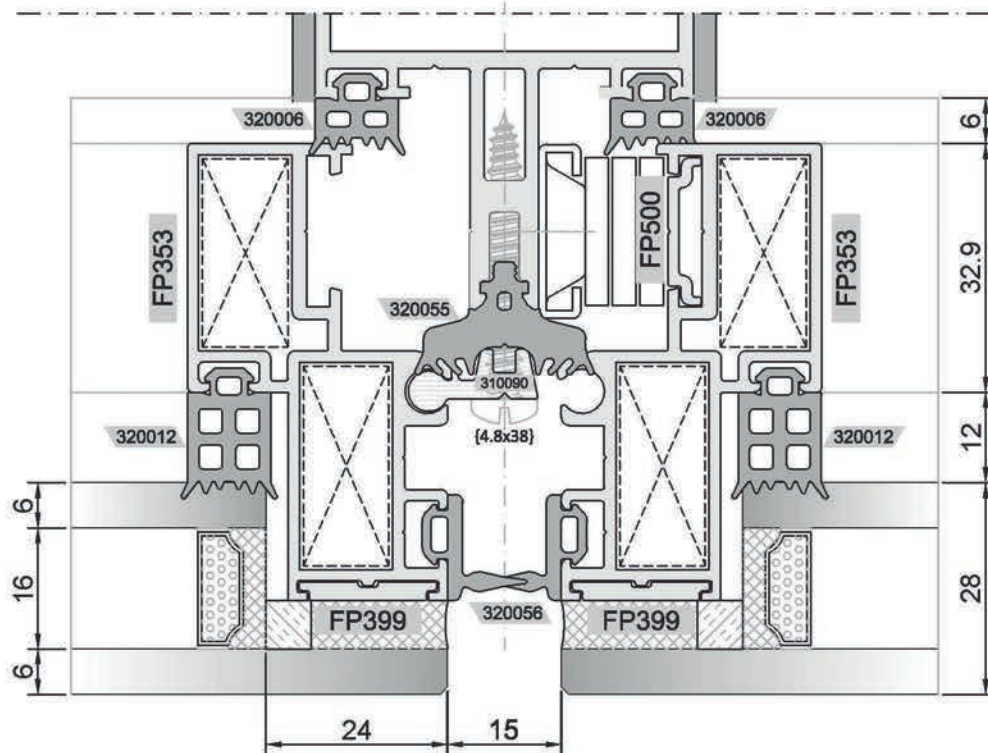
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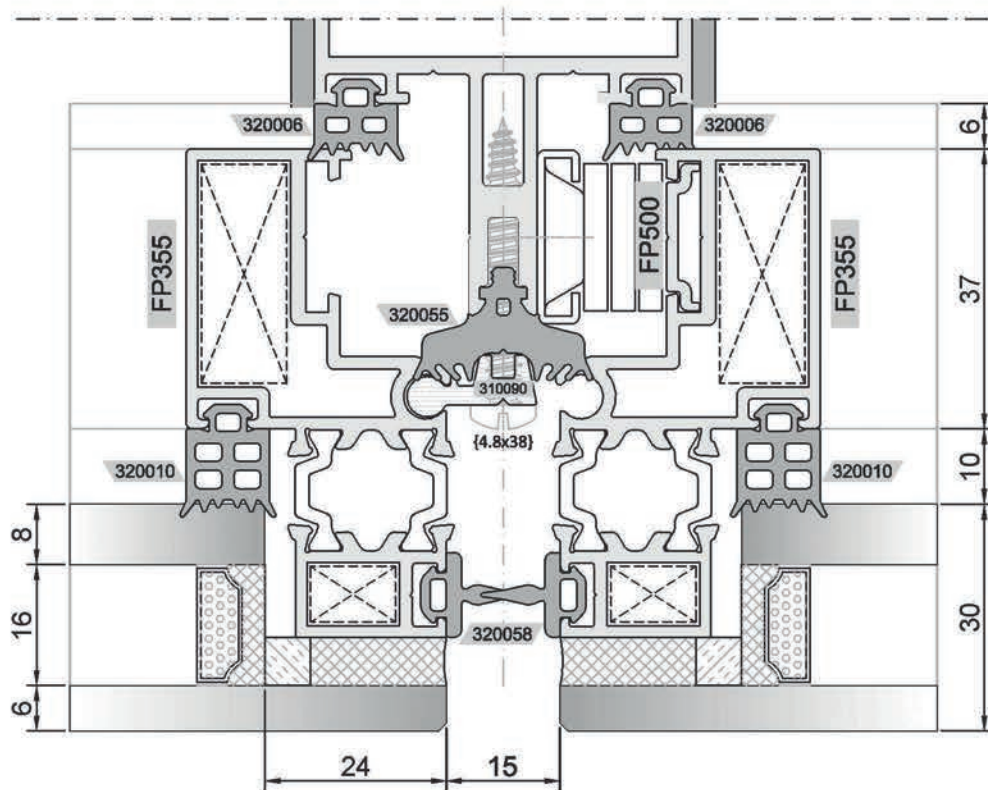
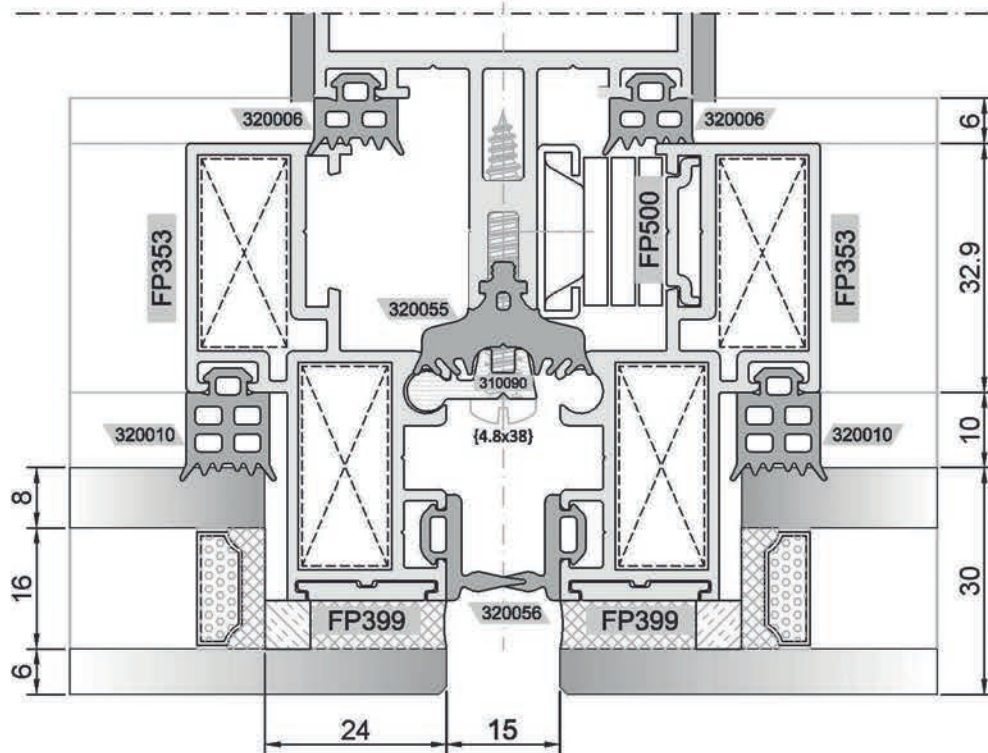
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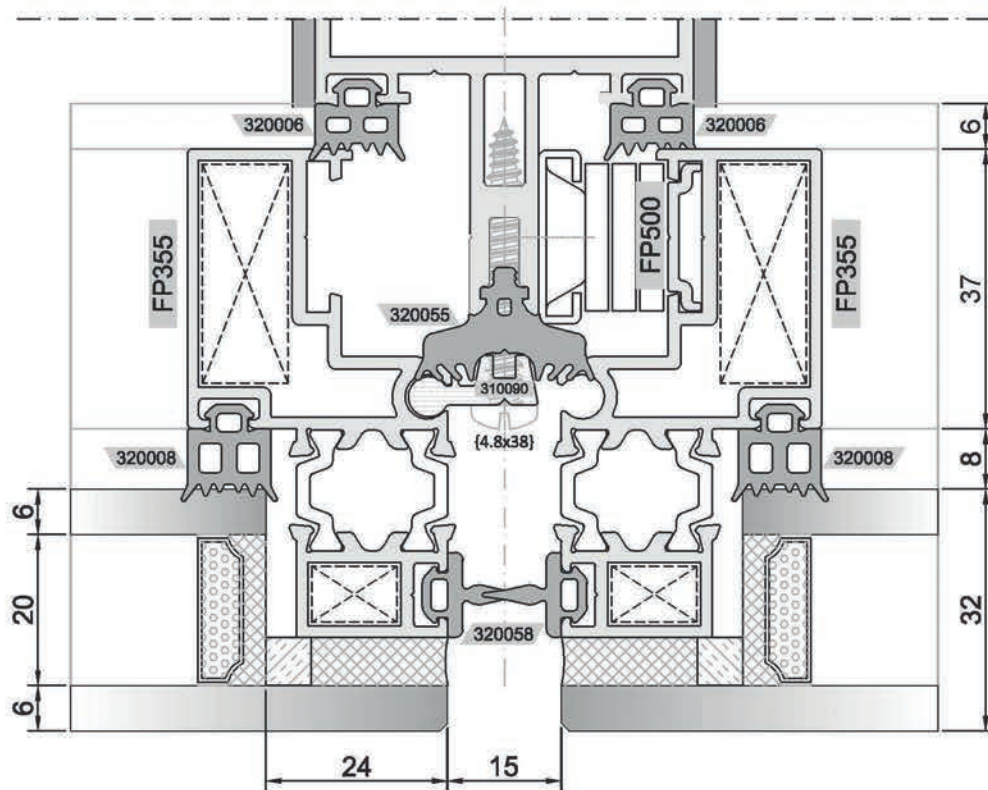
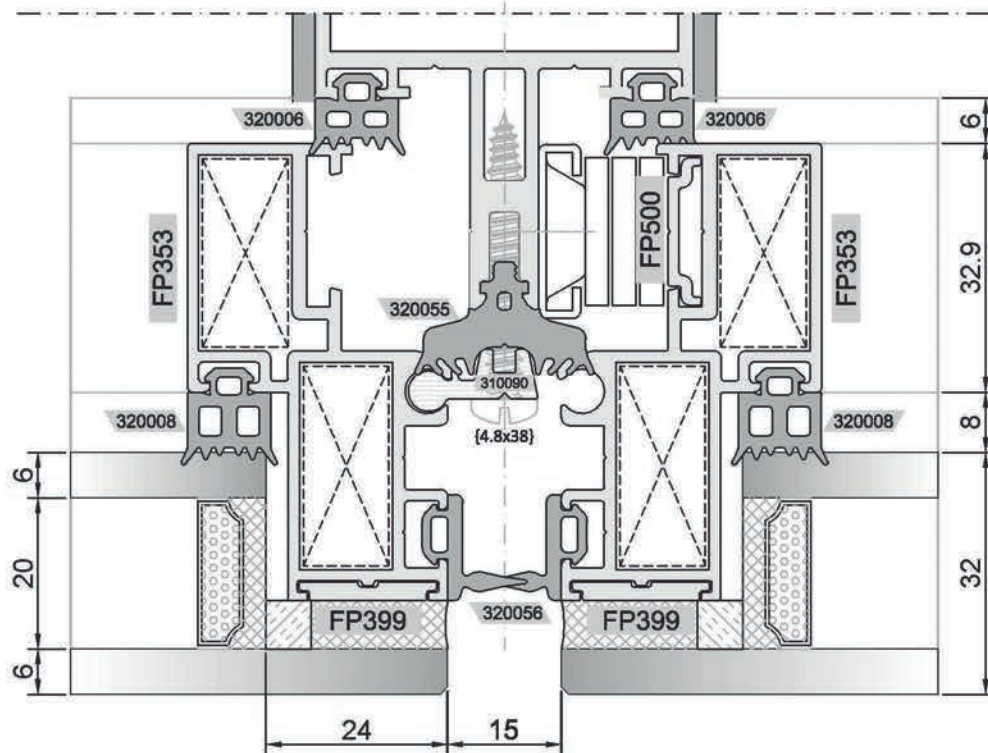
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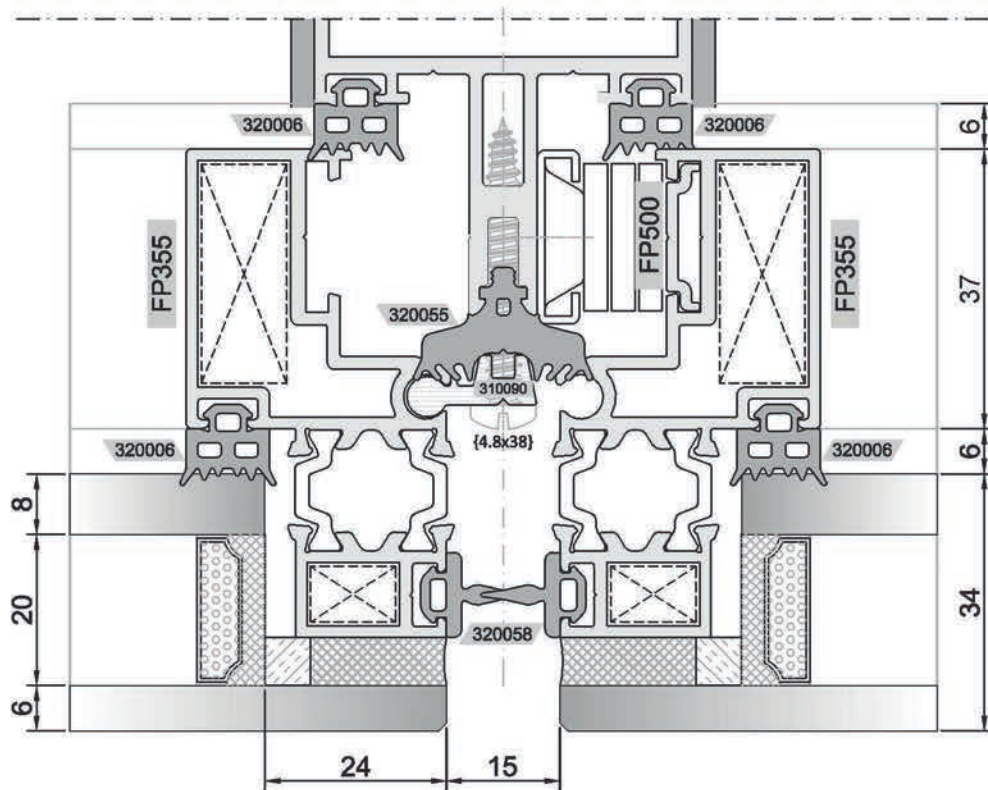
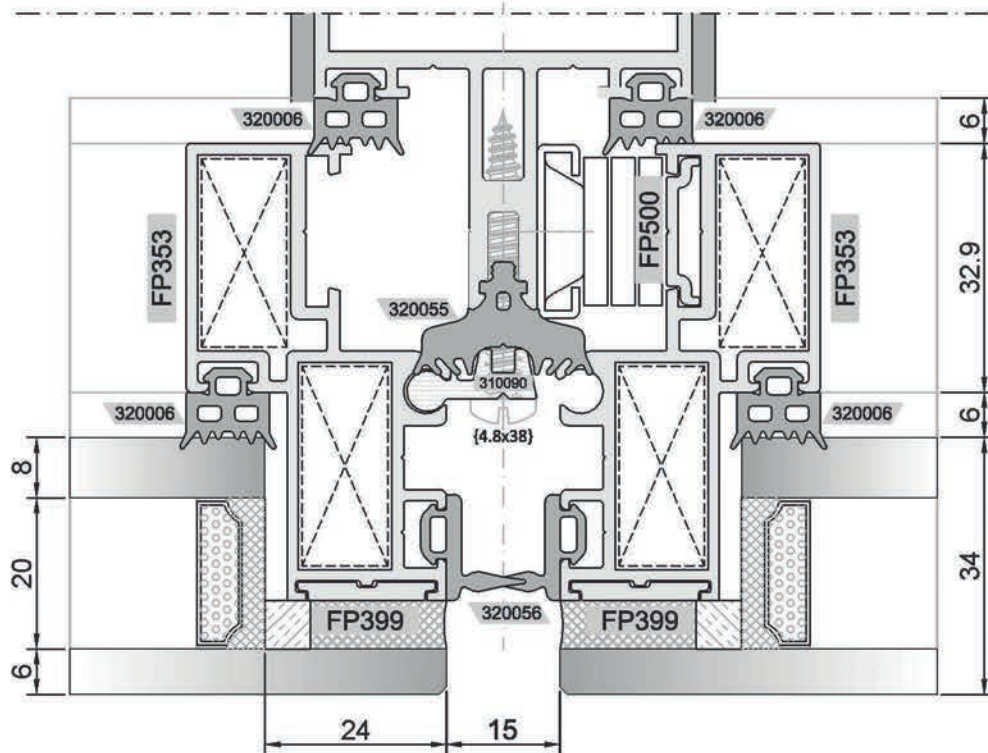
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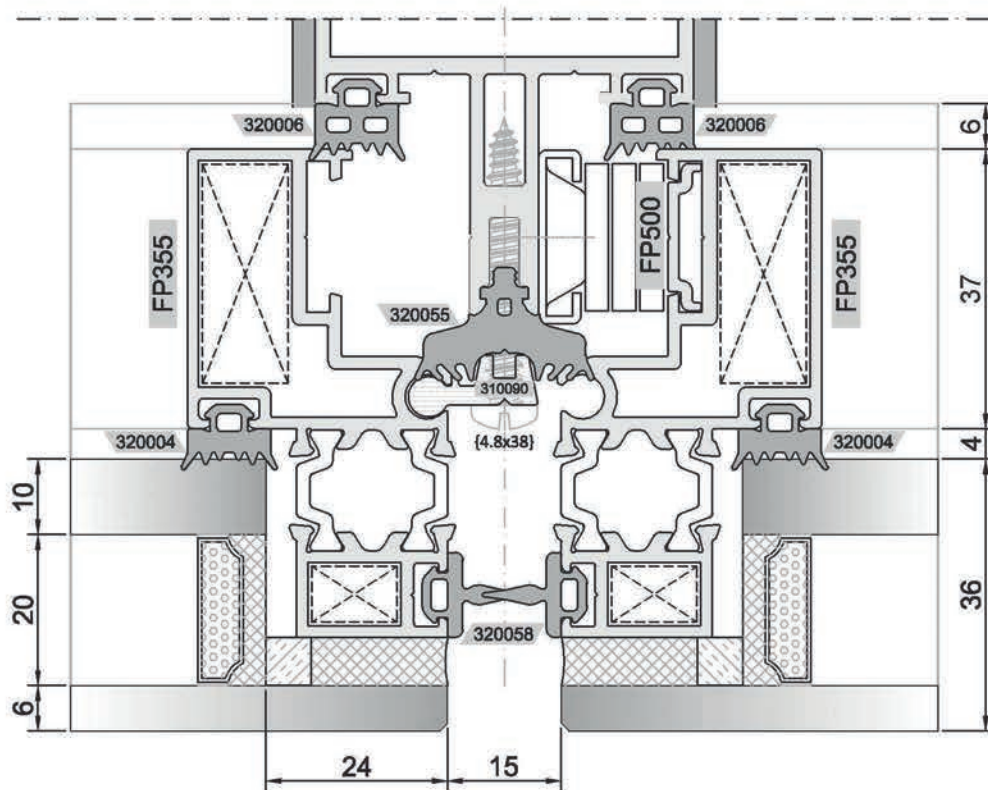
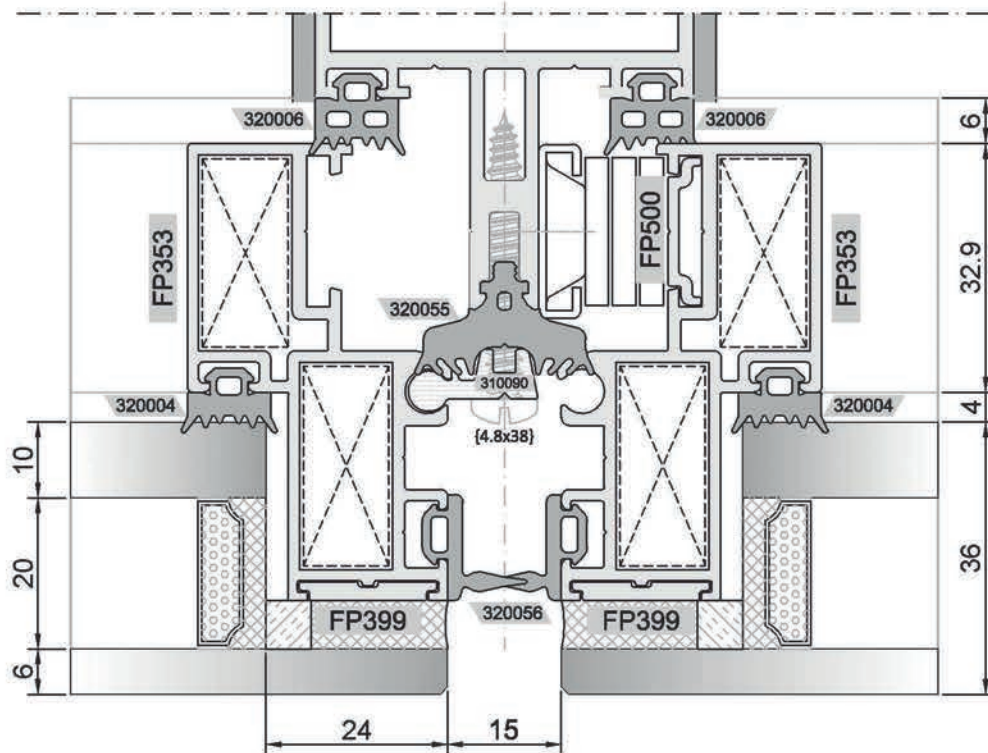
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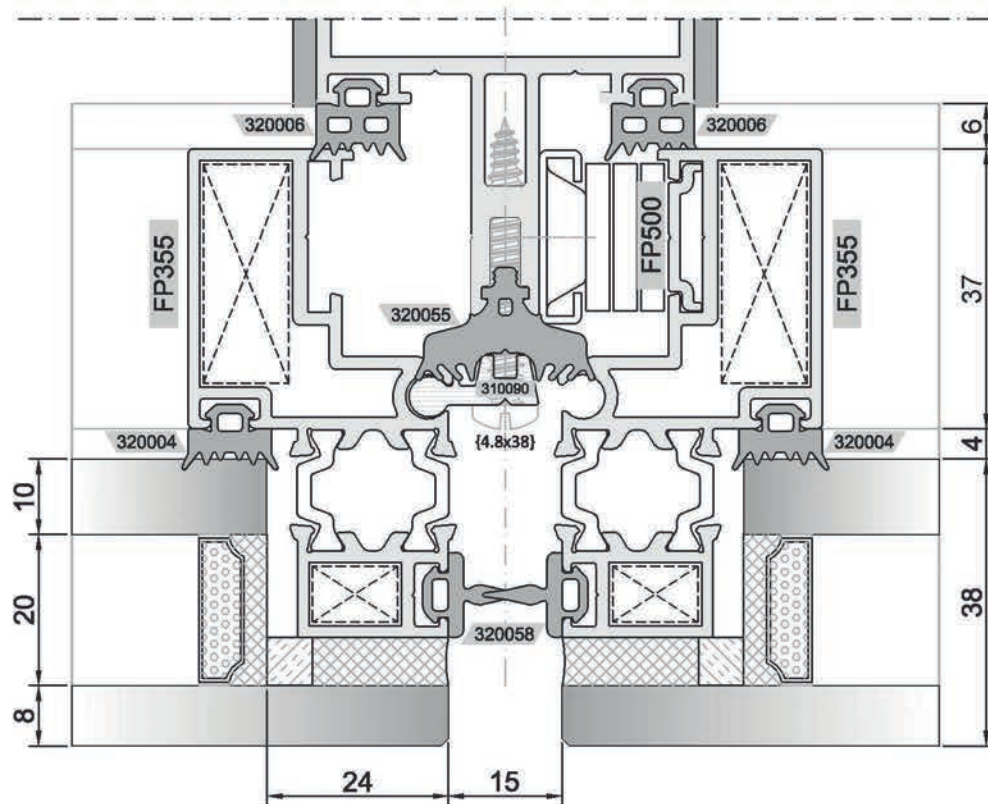
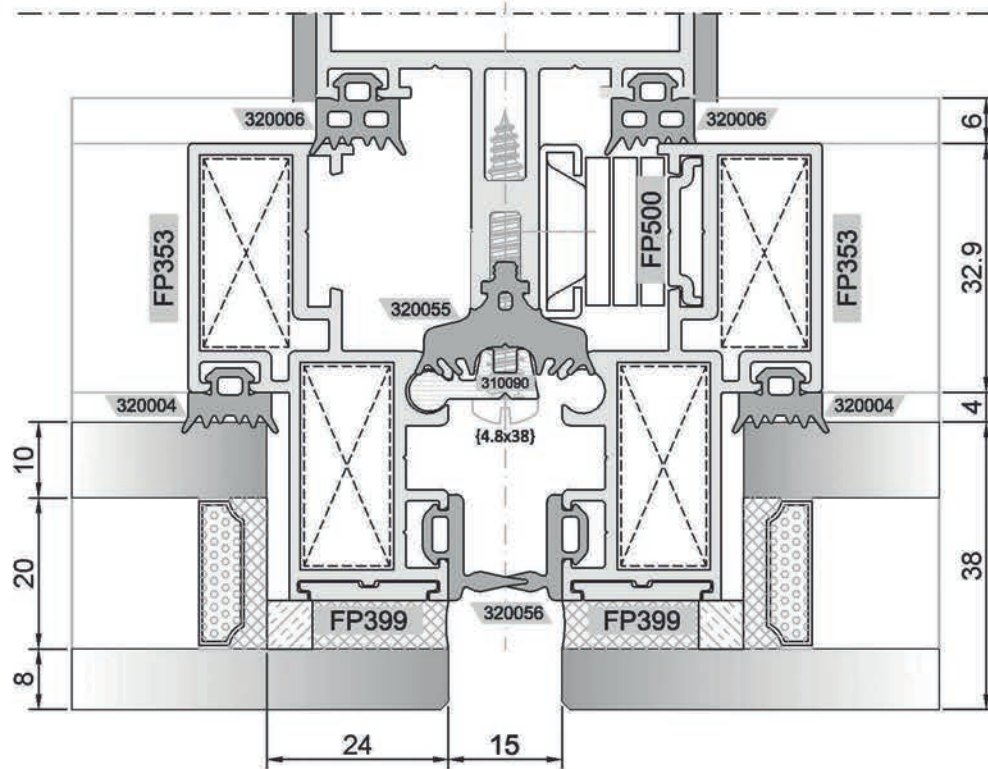
34mm



36mm



38mm



AKSESUAR LISTESI

ACCESSORY LIST



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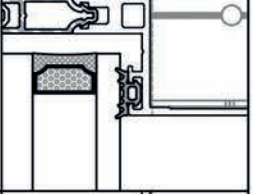
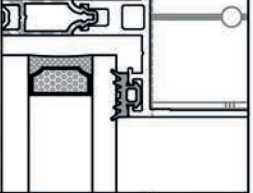
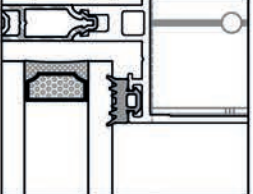
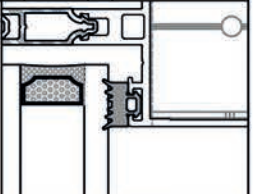
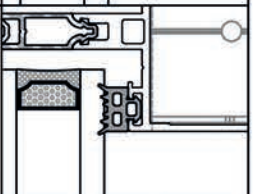
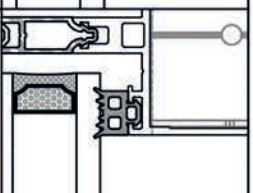
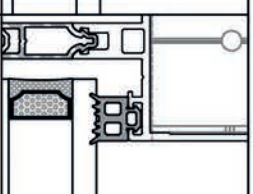
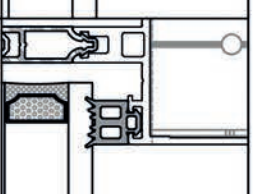
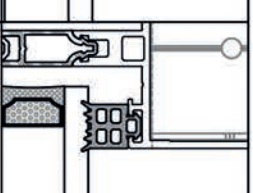
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AKSESUARLAR

ACCESSORIES



EPDM FİTİLLER / EPDM GASKETS

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320002 İÇ BİNi FİTİLİ 2 mm / INNER STEP GASKET 2 mm BİRİM AĞIRLIK / UNIT WEIGHT: 39.3 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 382 m		
320003 İÇ BİNi FİTİLİ 3 mm / INNER STEP GASKET 3 mm BİRİM AĞIRLIK / UNIT WEIGHT: 52 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 288 m		
320004 İÇ BİNi FİTİLİ 4 mm / INNER STEP GASKET 4 mm BİRİM AĞIRLIK / UNIT WEIGHT: 68 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 221 m		
320005 İÇ BİNi FİTİLİ 5 mm / INNER STEP GASKET 5 mm BİRİM AĞIRLIK / UNIT WEIGHT: 82 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 183 m		
320006 İÇ BİNi FİTİLİ 6 mm / INNER STEP GASKET 6 mm BİRİM AĞIRLIK / UNIT WEIGHT: 82 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 183 m		
320007 İÇ BİNi FİTİLİ 7 mm / INNER STEP GASKET 7 mm BİRİM AĞIRLIK / UNIT WEIGHT: 91 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 166 m		
320008 İÇ BİNi FİTİLİ 8 mm / INNER STEP GASKET 8 mm BİRİM AĞIRLIK / UNIT WEIGHT: 98 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 153 m		
320009 İÇ BİNi FİTİLİ 9 mm / INNER STEP GASKET 9 mm BİRİM AĞIRLIK / UNIT WEIGHT: 105 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 143 m		
320010 İÇ BİNi FİTİLİ 10 mm / INNER STEP GASKET 10 mm BİRİM AĞIRLIK / UNIT WEIGHT: 115 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 130 m		

EPDM FİTİLLER / EPDM GASKETS

AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	çizim / DRAWING	TAKILMA BÖLGESİ / APPLICATION AREA
320011 İÇ BİNi FİTİLİ 11 mm / INNER STEP GASKET 11 mm BİRİM AĞIRLIK / UNIT WEIGHT: 125 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 120 m		
320012 İÇ BİNi FİTİLİ 12 mm / INNER STEP GASKET 12 mm BİRİM AĞIRLIK / UNIT WEIGHT: 141 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 106 m		
320013 İÇ BİNi FİTİLİ 13 mm / INNER STEP GASKET 13 mm BİRİM AĞIRLIK / UNIT WEIGHT: 149 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 101 m		
320014 İÇ BİNi FİTİLİ 14 mm / INNER STEP GASKET 14 mm BİRİM AĞIRLIK / UNIT WEIGHT: 158 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 95 m		
320015 İÇ BİNi FİTİLİ 15 mm / INNER STEP GASKET 15 mm BİRİM AĞIRLIK / UNIT WEIGHT: 165 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 91 m		
320016 DİŞ BİNi FİTİLİ 4 mm / OUTER STEP GASKET 4 mm BİRİM AĞIRLIK / UNIT WEIGHT: 88 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 171 m		
320017 AÇILI DİŞ CAM FİTİLİ / ANGULAR OUTER STEP GASKET BİRİM AĞIRLIK / UNIT WEIGHT: 91 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 165 m		
320018 YEKPARE DİŞ BİNi FİTİLİ / ONE PIECE STEP GASKET BİRİM AĞIRLIK / UNIT WEIGHT: 194 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 77 m		
320019 KAMA FİTİLİ 3 mm / GLAZING SUPPORT GASKET 3 mm BİRİM AĞIRLIK / UNIT WEIGHT: 41 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 366 m		

EPDM FİTİLLER / EPDM GASKETS

AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	çizim / DRAWING	TAKILMA BÖLGESİ / APPLICATION AREA
320020 KAMA FİTİLİ 4 mm / GLAZING SUPPORT GASKET 4 mm BİRİM AĞIRLIK / UNIT WEIGHT: 54 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 279 m		
320021 KAMA FİTİLİ 5 mm / GLAZING SUPPORT GASKET 5 mm BİRİM AĞIRLIK / UNIT WEIGHT: 67 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 224 m		
320022 KAMA FİTİLİ 6 mm / GLAZING SUPPORT GASKET 6 mm BİRİM AĞIRLIK / UNIT WEIGHT: 89 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 168 m		
320023 KANAT DESTEK FİTİLİ / SUPPORT GASKET FOR VENT BİRİM AĞIRLIK / UNIT WEIGHT: 54 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 275 m		
320024 KANAT İÇ BİNİ FİTİLİ / INNER STEP GASKET FOR VENT BİRİM AĞIRLIK / UNIT WEIGHT: 47 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 318 m		
320025 TAŞIYICI ÖN FİTİL 3mm / MULLION FRONT GASKET 3mm BİRİM AĞIRLIK / UNIT WEIGHT: 55 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 275 m		
320026 TAŞIYICI ÖN FİTİL 4mm / MULLION FRONT GASKET 4mm BİRİM AĞIRLIK / UNIT WEIGHT: 56 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 266 m		
320027 TAŞIYICI ÖN FİTİL 5mm / MULLION FRONT GASKET 5mm BİRİM AĞIRLIK / UNIT WEIGHT: 60 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 248 m		
320028 TAŞIYICI ÖN FİTİL 7mm / MULLION FRONT GASKET 7mm BİRİM AĞIRLIK / UNIT WEIGHT: 80 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 187 m		

EPDM FİTİLLER / EPDM GASKETS

AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	ÇİZİM / DRAWING	TAKILMA BÖLGESİ / APPLICATION AREA
320029 KANAT ÇARŞAF FİTİLİ - 1 / SHEET GASKET FOR VENT BİRİM AĞIRLIK / UNIT WEIGHT: 125 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 120 m		
320030 KANAT ÇARŞAF FİTİLİ - 2 / SHEET GASKET FOR VENT BİRİM AĞIRLIK / UNIT WEIGHT: 153 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 98 m		
320031 KANAT ÇARŞAF FİTİLİ - 3 / SHEET GASKET FOR VENT BİRİM AĞIRLIK / UNIT WEIGHT: 186 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 81 m		
320032 KANAT ÇARŞAF FİTİLİ - 4 / SHEET GASKET FOR VENT BİRİM AĞIRLIK / UNIT WEIGHT: 229 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 66 m		
320055 ORTA BİNE FİTİLİ / CENTRAL STEP GASKET BİRİM AĞIRLIK / UNIT WEIGHT: 195 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 77 m		
320056 DIŞ TOZLUK FİTİLİ / OUTER SPAT GASKET BİRİM AĞIRLIK / UNIT WEIGHT: 68 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 219 m		
320058 PANEL DIŞ TOZLUK FİTİLİ / FRAME GASKET BİRİM AĞIRLIK / UNIT WEIGHT: 61 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 247 m		
320033 POLİETİLEN DERZ FİTİLİ / POLYETHYLENE SEAM GASKET BİRİM AĞIRLIK / UNIT WEIGHT: 2 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 1320 m		
320034 İÇ MEKAN DERZ KAPATMA FİTİLİ / INSIDE SEAM GASKET BİRİM AĞIRLIK / UNIT WEIGHT: 204 g/m KOLİ MİKTARI / PACKAGE QUANTITY: 73 m		

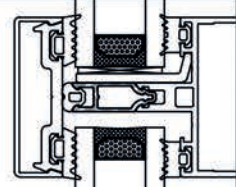
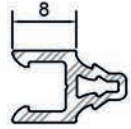
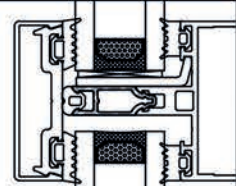
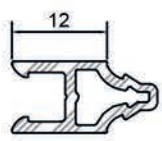
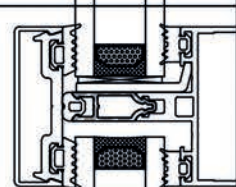
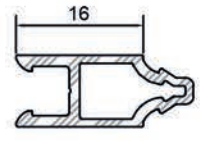
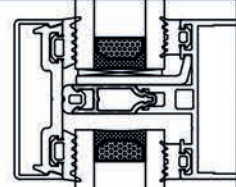
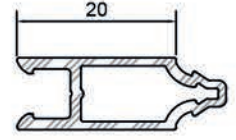
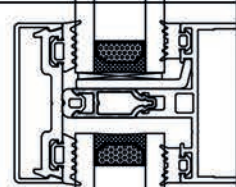
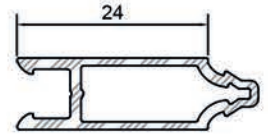
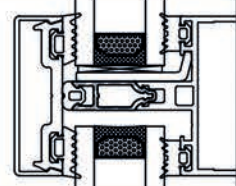
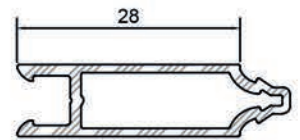
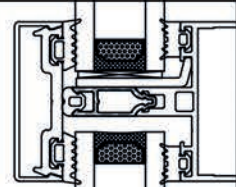
SİLİKON FİTİLLER / SILICONE GASKETS

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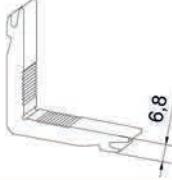
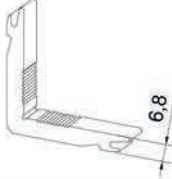
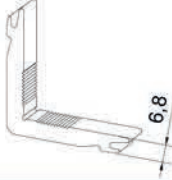
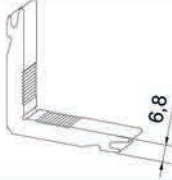
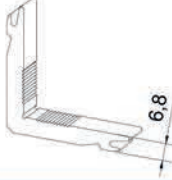
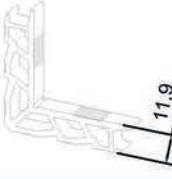
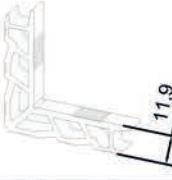
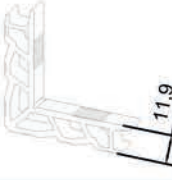
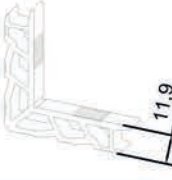
VULKANİZE FİTİLLER / VULCANISED CORNER GASKETS

AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	ÇİZİM / DRAWING	TAKILMA BÖLGESİ / APPLICATION AREA
330002 VULKANİZE KÖŞE PARÇASI / VULCANISED CORNER PIECE İLİŞKİLİ FİTİL / RELATED GASKET: 320023		
330003 VULKANİZE KÖŞE PARÇASI / VULCANISED CORNER PIECE İLİŞKİLİ FİTİL / RELATED GASKET: 320024		
330015 ARTI VULKANİZE KÖŞE PARÇASI / PLUS SHAPED VULCANISED CORNER PIECE İLİŞKİLİ FİTİL / RELATED GASKET: 320055		
330016 L VULKANİZE KÖŞE PARÇASI / L SHAPED VULCANISED CORNER PIECE İLİŞKİLİ FİTİL / RELATED GASKET: 320055		
330017 T VULKANİZE KÖŞE PARÇASI / T SHAPED VULCANISED CORNER PIECE İLİŞKİLİ FİTİL / RELATED GASKET: 320055		
330018 DIŞ TOZLUK VULKANİZE KÖŞE PARÇASI / VULCANISED CORNER PIECE FOR THE OUTER SPAT İLİŞKİLİ FİTİL / RELATED GASKET: 320056		
330037 DIŞ TOZLUK VULKANİZE KÖŞE PARÇASI / VULCANISED CORNER PIECE FOR THE OUTER SPAT İLİŞKİLİ FİTİL / RELATED GASKET: 320058		

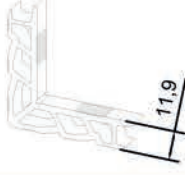
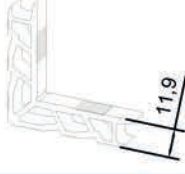
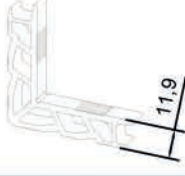
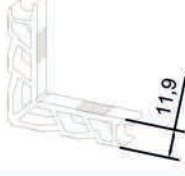
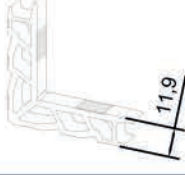
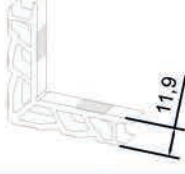
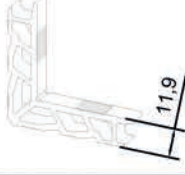
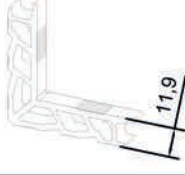
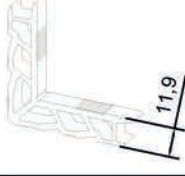
ISI BARIYERLERİ / INSULATION BARS

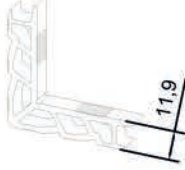
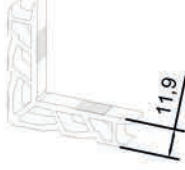
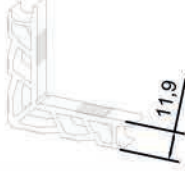
AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	çizim / DRAWING	TAKILMA BÖLGESİ / APPLICATION AREA
340001 TAŞIYICI ÖN İZOLASYON (PVC) 4 MM MULLION OR TRANSOM FRONT ISOLATOR (PVC) MİKTAR / QUANTITY: BOY 6 m /Adet		
340002 TAŞIYICI ÖN İZOLASYON (PVC) 8 MM MULLION OR TRANSOM FRONT ISOLATOR (PVC) MİKTAR / QUANTITY: BOY 6 m /Adet		
340003 TAŞIYICI ÖN İZOLASYON (PVC) 12 MM MULLION OR TRANSOM FRONT ISOLATOR (PVC) MİKTAR / QUANTITY: BOY 6 m /Adet		
340004 TAŞIYICI ÖN İZOLASYON (PVC) 16 MM MULLION OR TRANSOM FRONT ISOLATOR (PVC) MİKTAR / QUANTITY: BOY 6 m /Adet		
340005 TAŞIYICI ÖN İZOLASYON (PVC) 20 MM MULLION OR TRANSOM FRONT ISOLATOR (PVC) MİKTAR / QUANTITY: BOY 6 m /Adet		
340006 TAŞIYICI ÖN İZOLASYON (PVC) 24 MM MULLION OR TRANSOM FRONT ISOLATOR (PVC) MİKTAR / QUANTITY: BOY 6 m /Adet		
340007 TAŞIYICI ÖN İZOLASYON (PVC) 28 MM MULLION OR TRANSOM FRONT ISOLATOR (PVC) MİKTAR / QUANTITY: BOY 6 m /Adet		

KÖŞE TAKOZLARI / CORNER CLEATS

AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	ÇİZİM / DRAWING	KESİM ÖLÇÜSÜ / CUTTING DIMENSION
310001 KÖŞE TAKOZU / CORNER CLEAT PROFİL NUMARASI / PROFILE NUMBER: FP520 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 1,974 kg/m.		29,4 mm
310002 KÖŞE TAKOZU / CORNER CLEAT PROFİL NUMARASI / PROFILE NUMBER: FP520 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 1,974 kg/m.		11 mm
310003 KÖŞE TAKOZU / CORNER CLEAT PROFİL NUMARASI / PROFILE NUMBER: FP520 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 1,974 kg/m.		13 mm
310005 KÖŞE TAKOZU / CORNER CLEAT PROFİL NUMARASI / PROFILE NUMBER: FP520 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 1,974 kg/m.		21 mm
310007 KÖŞE TAKOZU / CORNER CLEAT PROFİL NUMARASI / PROFILE NUMBER: FP520 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 1,974 kg/m.		23 mm
310009 KÖŞE TAKOZU / CORNER CLEAT PROFİL NUMARASI / PROFILE NUMBER: FP521 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 2,366 kg/m.		24,7 mm
310010 KÖŞE TAKOZU / CORNER CLEAT PROFİL NUMARASI / PROFILE NUMBER: FP521 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 2,366 kg/m.		7 mm
310011 KÖŞE TAKOZU / CORNER CLEAT PROFİL NUMARASI / PROFILE NUMBER: FP521 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 2,366 kg/m.		26,9 mm
310012 KÖŞE TAKOZU / CORNER CLEAT PROFİL NUMARASI / PROFILE NUMBER: FP521 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 2,366 kg/m.		17,5 mm

KÖŞE TAKOZLARI / CORNER CLEATS

AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	çizim / DRAWING	KESİM ÖLÇÜSÜ / CUTTING DIMENSION
310013 KÖŞE TAKOZU / CORNER CLEAT PROFİL NUMARASI / PROFILE NUMBER: FP521 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 2,366 kg/m.		26 mm
310014 KÖŞE TAKOZU / CORNER CLEAT PROFİL NUMARASI / PROFILE NUMBER: FP521 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 2,366 kg/m.		9 mm
310015 KÖŞE TAKOZU / CORNER CLEAT PROFİL NUMARASI / PROFILE NUMBER: FP521 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 2,366 kg/m.		24,4 mm
310061 KÖŞE TAKOZU / CORNER CLEAT PROFİL NUMARASI / PROFILE NUMBER: FP521 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 2,366 kg/m.		25,5 mm
310062 KÖŞE TAKOZU / CORNER CLEAT PROFİL NUMARASI / PROFILE NUMBER: FP521 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 2,366 kg/m.		17 mm
310063 KÖŞE TAKOZU / CORNER CLEAT PROFİL NUMARASI / PROFILE NUMBER: FP521 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 2,366 kg/m.		24,5 mm
310064 KÖŞE TAKOZU / CORNER CLEAT PROFİL NUMARASI / PROFILE NUMBER: FP521 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 2,366 kg/m.		16 mm
310065 KÖŞE TAKOZU / CORNER CLEAT PROFİL NUMARASI / PROFILE NUMBER: FP521 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 2,366 kg/m.		27 mm
310066 KÖŞE TAKOZU / CORNER CLEAT PROFİL NUMARASI / PROFILE NUMBER: FP521 PROFİL AĞIRLIĞI / PROFILE WEIGHT: 2,366 kg/m.		29,6 mm

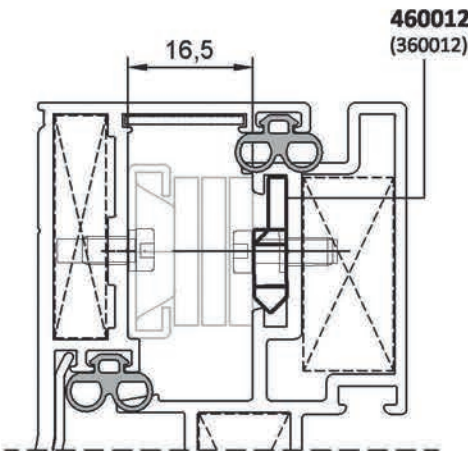
AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	çizim / DRAWING	KESİM ÖLÇÜSÜ / CUTTING DIMENSION
310067 KÖŞE TAKOZU / CORNER CLEAT PROFİL NUMARASI / PROFILE NUMBER: <u>FP521</u> PROFİL AĞIRLIĞI / PROFILE WEIGHT: 2,366 kg/m.		28,6 mm
310068 KÖŞE TAKOZU / CORNER CLEAT PROFİL NUMARASI / PROFILE NUMBER: <u>FP521</u> PROFİL AĞIRLIĞI / PROFILE WEIGHT: 2,366 kg/m.		19,6 mm
310069 KÖŞE TAKOZU / CORNER CLEAT PROFİL NUMARASI / PROFILE NUMBER: <u>3703</u> PROFİL AĞIRLIĞI / PROFILE WEIGHT: 0,785 kg/m.		25,5 mm
310113 KÖŞE TAKOZU / CORNER CLEAT PROFİL NUMARASI / PROFILE NUMBER: <u>FP521</u> PROFİL AĞIRLIĞI / PROFILE WEIGHT: 2,366 kg/m.		8 mm
350001 KÖŞE ÇAVUŞU / CORNET ALIGNMENT MALZEME / MATERIAL: POLYAMID		16 x 1,5

MAKASLAR / FRICTION STAYS



ÜRÜN KODU PRODUCT CODE	ALTERNATİF YERLİ ÜRÜN KODLARI ALTERNATIVE NATİVE PRODUCT CODES	MAKAS BOYU FRICTION STAY LENGTH (inch)	MAKAS BOYU FRICTION STAY LENGTH (mm)	KANAT AÇMA DERECESİ OPENING ANGLE	MAKS. KANAT YÜKSEKLİĞİ MAX. VENT HEIGHT (mm)	MAKS. KANAT AĞIRLIĞI MAX. VENT WEIGHT (kg)
470001	370001	10"	255	35°	700	50
470002	370002	12"	305	30°/35°	800	60
470003	370003	14"	355	30°/35°	1000	70
470004	370004	16"	405	25°/30°	1200	90
470005	370005	18"	460	25°/30°	1400	100
470006	370006	20"	505	20°/25°	1600	135
470007	370007	22"	560	20°/25°	1700	140
470008	370008	24"	610	20°/25°	1800	145
470009	370009	26"	660	10°/15°/20°	2000	155
470010	370010	28"	710	10°/15°/20°	2500	180

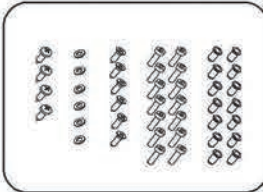
! TABLODA BELİRTİLEN TEKNİK DEĞERLER, İTHAL ÜRÜNLERE AİTTİR. YERLİ ALTERNATİFLERİ İÇİN DEĞERLER FARKLI OLABİLİR.
TECHNICAL VALUES ARE BELONG TO IMPORTED PRODUCTS AS SHOWN AT THE TABLE. VALUES CAN BE DIFFERENT AT THE NATIVE ALTERNATIVES.



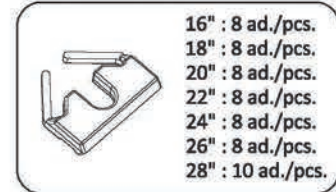
460012
(360012)

* STANDART AKSESUAR SETİNDE YER ALMAYAN 460012 KODLU METRİK PERÇİN VE VİDALARIN KULLANILMASI DURUMUNDA TÜM MAKAS TİPLERİ İÇİN MAKSİMUM KANAT AĞIRLIĞI 180 KG OLUP ÜRETİCİ FIRMA GARANTİSİ ALTINDADIR.
IF USING THE METRIC PIN & SCREWS WITH THE CODE OF 460012 WHICH DOESN'T INCLUDE AT STANDARD ACCESSORY KIT, MAXIMUM CARRIAGE CAPACITY FIXED TO 180 KG FOR ALL FRICTION STAY TYPES.

460012 (360012)
METRİK PERÇİN VE VİDA SETİ
METRIC PIN AND SCREW KIT



450007 (350007)
MAKAS ALTI BESLEME TAKOZU (PVC)
FRICTION STAY REINFORCEMENT PLUG (PVC)

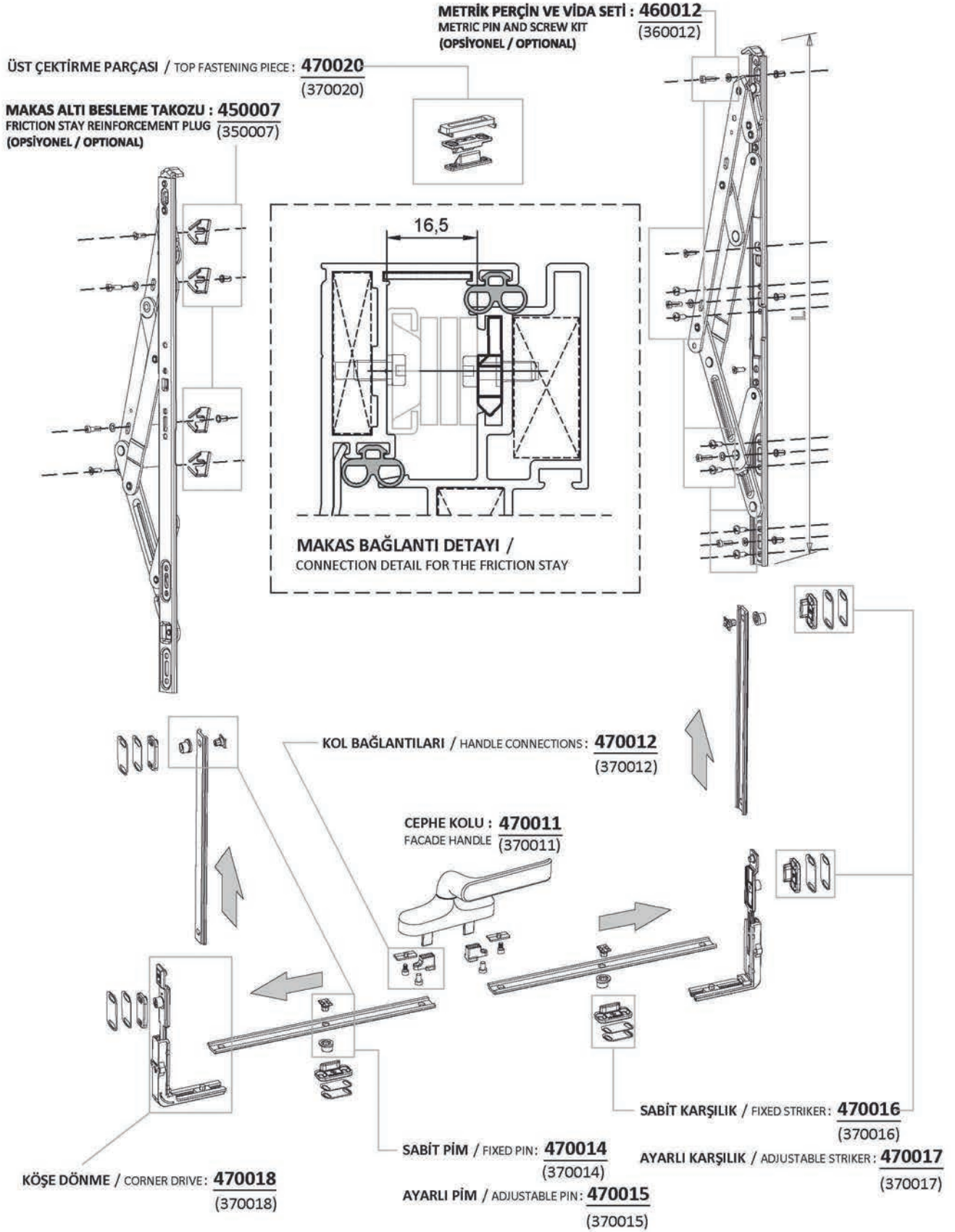


16" : 8 ad./pcs.
18" : 8 ad./pcs.
20" : 8 ad./pcs.
22" : 8 ad./pcs.
24" : 8 ad./pcs.
26" : 8 ad./pcs.
28" : 10 ad./pcs.

* () PARANTEZ İÇERİSİNDEKİ KODLAR YERLİ AKSESUARLARA AİTTİR.
() CODES INTO THE PARENTHESIS BELONG TO NATIVE ACCESSORIES.

! BU SAYFADA BELİRTİLEN AKSESUAR GÖRSELLERİ TEMSİLİDİR.
ACCESSORY IMAGES ARE REPRESENTATIVE AT THIS PAGE.

KANAT KİTLEME AKSESUARLARI / VENT LOCKING ACCESSORIES



* () PARANTEZ İÇERİSİNDEKİ KODLAR YERLİ AKSESUARLARA AİTTİR.
() CODES INTO THE PARENTHESIS BELONG TO NATIVE ACCESSORIES.

! BU SAYFADA BELİRTİLEN AKSESUAR GÖRSELLERİ TEMSİLİDİR.
ACCESSORY IMAGES ARE REPRESENTATIVE AT THIS PAGE.

KANAT KİTLEME SETLERİ / VENT LOCKING KITS

480001 (380001)

KANAT YÜKSEKLİĞİ
VENT HEIGHT
600 - 1200 mm

KANAT GENİŞLİĞİ
VENT WIDTH
600 - 1000 mm

480002 (380002)

KANAT YÜKSEKLİĞİ
VENT HEIGHT
1201 - 1600 mm

KANAT GENİŞLİĞİ
VENT WIDTH
1001 - 1200 mm

480003 (380003)

KANAT YÜKSEKLİĞİ
VENT HEIGHT
1601 - 1800 mm

KANAT GENİŞLİĞİ
VENT WIDTH
1201 - 1600 mm

480004 (380004)

KANAT YÜKSEKLİĞİ
VENT HEIGHT
1801 - 2500 mm

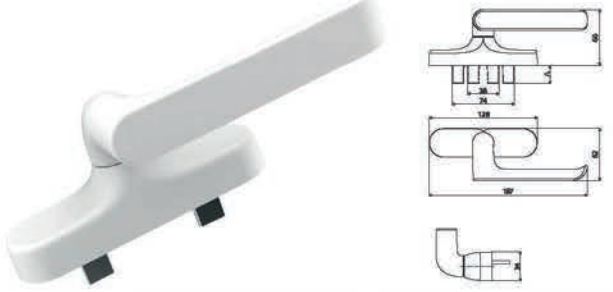
KANAT GENİŞLİĞİ
VENT WIDTH
1601 - 2000 mm

SET KODU / KIT CODE :			480001 (380001)	480002 (380002)	480003 (380003)	480004 (380004)
ÜRÜN KODU PRODUCT CODE	ALTERNATİF YERLİ ÜRÜN KODLARI ALTERNATIVE NATİVE PRODUCT CODES	ÜRÜN ADI PRODUCT NAME	2 NOKTADAN KİTLEME 2 POINTS LOCKING	7 NOKTADAN KİTLEME 7 POINTS LOCKING	10 NOKTADAN KİTLEME 10 POINTS LOCKING	15 NOKTADAN KİTLEME 15 POINTS LOCKING
470011	370011	CEPHE KOLU CURTAIN WALL HANDLE	1 ADET / PCS.	1 ADET / PCS.	1 ADET / PCS.	1 ADET / PCS.
470012	370012	KOL BAĞLANTILARI HANDLE CONNECTIONS	2 ADET / PCS.	2 ADET / PCS.	2 ADET / PCS.	2 ADET / PCS.
470015	370015	AYARLI PİM ADJUSTABLE PIN	2 ADET / PCS.	4 ADET / PCS.	6 ADET / PCS.	10 ADET / PCS.
470017	370017	AYARLI KARŞILIK ADJUSTABLE STRIKER	2 ADET / PCS.	6 ADET / PCS.	8 ADET / PCS.	12 ADET / PCS.
470018	370018	KÖŞE DÖNME CORNER DRIVE	-	2 ADET / PCS.	2 ADET / PCS.	2 ADET / PCS.
470020	370020	ÜST ÇEKTİRME PARÇASI TOP FASTENING PIECE	-	1 ADET / PCS.	2 ADET / PCS.	3 ADET / PCS.

* () PARANTEZ İÇERİSİNDEKİ SET KODLARI YERLİ AKSESUARLARA AİTTİR.
() KIT CODES INTO THE PARENTHESIS BELONG TO NATİVE ACCESSORIES.

! BU SAYFADA BELİRTİLEN AKSESUAR GÖRSELLERİ TEMSİLDİR.
ACCESSORY IMAGES ARE REPRESENTATIVE AT THIS PAGE.

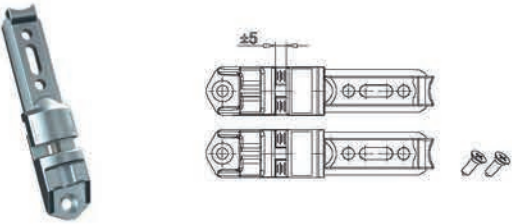
AKSESUARLAR / ACCESSORIES

AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	GÖRSELLER / IMAGES
470011 (370011) <i>CEPHE KOLU / FACADE HANDLE</i>	
470051 (370051) <i>ANAHTARLI CEPHE KOLU / FACADE HANDLE WITH KEY</i>	
470052 (370052) <i>SÖKÜLEBİLİR CEPHE KOLU MEKANİZMASI / DETACHABLE FACADE CREMONE MECANISM</i>	
470053 (370053) <i>SÖKÜLEBİLİR CEPHE KOLU SAPI / DETACHABLE FACADE HANDLE</i>	
470012 (370012) <i>CEPHE KOLU BAĞLANTI ELEMANI / FACADE HANDLE FASTENING ELEMENT</i>	 14.5 mm
470013 (370013) <i>CEPHE KOLU BAĞLANTI ELEMANI / FACADE HANDLE FASTENING ELEMENT</i>	 17.5 mm
470014 (370014) <i>SABİT PİM / FIXED PIN</i>	

() PARANTEZ İÇERİSİNDEKİ KODLAR YERLİ AKSESUARLARA AİTTİR.
() CODES INTO THE PARENTHESIS BELONG TO NATIVE ACCESSORIES.

! BU SAYFADA BELİRTİLEN AKSESUAR GÖRSELLERİ TEMSİLİDİR.
ACCESSORY IMAGES ARE REPRESENTATIVE AT THIS PAGE.

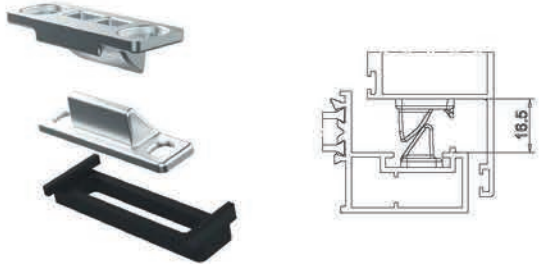
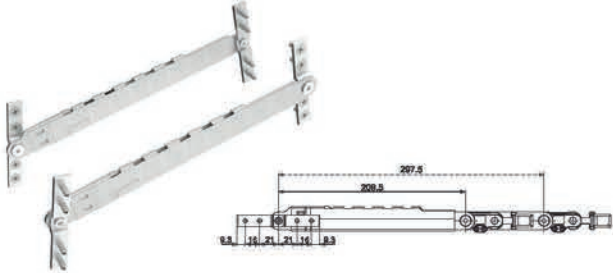
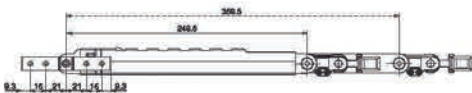
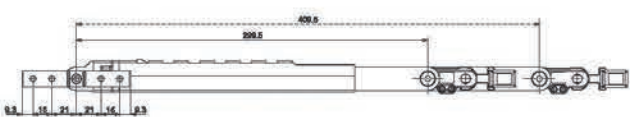
AKSESUARLAR / ACCESSORIES

AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	GÖRSELLER / IMAGES
470015 (370015) AYARLI PİM / ADJUSTABLE PIN	
470016 (370016) SABİT KARŞILIK / FIXED STRIKER	
470017 (370017) AYARLI KARŞILIK / ADJUSTABLE STRIKER	
470018 (370018) KÖŞE DÖNÜŞ AKTARMA PARÇASI / CORNER TRANSFER DEVICE	
470019 (370019) CEPHE MAKASLARI İÇİN YÜKSEKLİK AYAR PARÇASI / HEIGHT ADJUSTMENT PIECE FOR FRICTION STAYS	

* () PARANTEZ İÇERİSİNDEKİ KODLAR YERLİ AKSESUARLARA AİTTİR.
 () CODES INTO THE PARENTHESIS BELONG TO NATIVE ACCESSORIES.

! BU SAYFADA BELİRTİLEN AKSESUAR GÖRSELLERİ TEMSİLİDİR.
 ! ACCESSORY IMAGES ARE REPRESENTATIVE AT THIS PAGE.

AKSESUARLAR / ACCESSORIES

AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	GÖRSELLER / IMAGES
470020 (370020) ÜST ÇEKTİRME PARÇASI / TOP FASTENING PIECE	
470021 (370021) LİMİTLEME MAKASI / LIMITOR ARM	
470023 (370023) TELESKOPİK MAKAS (KÜÇÜK) / TELESCOPIC ARM (SMALL)	
470024 (370024) TELESKOPİK MAKAS (ORTA) / TELESCOPIC ARM (MEDIUM)	
470025 (370025) TELESKOPİK MAKAS (BÜYÜK) / TELESCOPIC ARM (LARGE)	

* () PARANTEZ İÇERİSİNDEKİ KODLAR YERLİ AKSESUARLARA AİTTİR.
() CODES INTO THE PARENTHESIS BELONG TO NATIVE ACCESSORIES.

! BU SAYFADA BELİRTİLEN AKSESUAR GÖRSELLERİ TEMSİLDİR.
ACCESSORY IMAGES ARE REPRESENTATIVE AT THIS PAGE.

AKSESUARLAR / ACCESSORIES

AKSESUAR KODU VE GÖRSELİ / ACCESSORY CODE AND IMAGE	TEKNİK ÖZELLİKLER / TECHNICAL SPECIFICATIONS
 470039 - SİYAH / BLACK 470040 - GRİ / GRAY VASİSTAS VE İŞIKLIK KANATLARI İÇİN AÇMA MOTORU / OPENING MOTOR FOR BOTTOM-HUNG & SKYLIGHT VENTS	ALUTECH SMART (230V AC) MOTOR Ayarlanabilir Açılma Mesafesi : 180 mm ile 380 mm İtme Gücü: 200 N Cekme Gücü: 250 N Çalışma Hızı: 18 mm/sec Maks.Kanat Ağırlığı-Vasistas ve Pivot: 50 kg Maks.Kanat Ağırlığı-Yatay ve Çatı Pencerelede: 38 kg Kanat Eni: 600 - 1250 mm Maksimum Kanat Boyu: 2600 mm
 470041 - SİYAH / BLACK 470042 - GRİ / GRAY VASİSTAS VE İŞIKLIK KANATLARI İÇİN AÇMA MOTORU / OPENING MOTOR FOR BOTTOM-HUNG & SKYLIGHT VENTS	ALUTECH SMART (24V DC) MOTOR Ayarlanabilir Açılma Mesafesi : 180 mm ile 380 mm İtme Gücü: 200 N Cekme Gücü: 250 N Çalışma Hızı: 18 mm/sec Maks.Kanat Ağırlığı-Vasistas ve Pivot: 50 kg Maks.Kanat Ağırlığı-Yatay ve Çatı Pencerelede: 38 kg Kanat Eni: 600 - 1250 mm Maksimum Kanat Boyu: 2600 mm
 470043 - SİYAH / BLACK 470044 - GRİ / GRAY PARALEL, VASİSTAS VE İŞIKLIK KANATLARI İÇİN MOTOR / MOTOR FOR PARALEL, BOTTOM-HUNG & SKYLIGHT VENTS	ALUTECH LIVIN L25 (230V AC) MOTOR Ayarlanabilir Açılma Mesafesi : 200 mm ile 380 mm İtme Gücü: 250 N Cekme Gücü: 250 N Çalışma Hızı: 18 mm/sec Maks.Kanat Ağırlığı-Vasistas ve Pivot: 60 kg Maks.Kanat Ağırlığı-Yatay ve Çatı Pencerelede: 45 kg Kanat Eni: 450 - 1250 mm Maksimum Kanat Boyu: 2600 mm
 470045 - SİYAH / BLACK 470046 - GRİ / GRAY PARALEL, VASİSTAS VE İŞIKLIK KANATLARI İÇİN MOTOR / MOTOR FOR PARALEL, BOTTOM-HUNG & SKYLIGHT VENTS	ALUTECH LIVIN L35 (24V DC) MOTOR Ayarlanabilir Açılma Mesafesi : 200 mm ile 380 mm İtme Gücü: 250 N Cekme Gücü: 250 N Çalışma Hızı: 18 mm/sec Maks.Kanat Ağırlığı-Vasistas ve Pivot: 80 kg Maks.Kanat Ağırlığı-Yatay ve Çatı Pencerelede: 65 kg Kanat Eni: 450 - 1250 mm Maksimum Kanat Boyu: 2600 mm
 470047 - GRİ / GRAY PARALEL, VASİSTAS VE İŞIKLIK KANATLARI İÇİN MOTOR / MOTOR FOR PARALEL, BOTTOM-HUNG & SKYLIGHT VENTS	ALUTECH FAST 50 (230V AC) MOTOR Ayarlanabilir Açılma Mesafesi : 300 mm İtme Gücü: 500 N Cekme Gücü: 500 N Çalışma Hızı: 23 mm/sec Maks.Kanat Ağırlığı-Vasistas ve Pivot: 160 kg Maks.Kanat Ağırlığı-Yatay ve Çatı Pencerelede: 90 kg Kanat Eni: 200 - 1250 mm Maksimum Kanat Boyu: 2600 mm

* () PARANTEZ İÇERİSİNDEKİ KODLAR YERLİ AKSESUARLARA AİTTİR.
() CODES INTO THE PARENTHESIS BELONG TO NATIVE ACCESSORIES.

! BU SAYFADA BELİRTİLEN AKSESUAR GÖRSELLERİ TEMSİLİDİR.
ACCESSORY IMAGES ARE REPRESENTATIVE AT THIS PAGE.

AKSESUARLAR / ACCESSORIES

AKSESUAR KODU VE ÜRÜN BİLGİLERİ / ACCESSORY CODE AND PRODUCT DESCRIPTION	GÖRSELLER / IMAGES
 470048 - GRİ / GRAY PARALEL, VASİSTAS VE İŞIKLIK KANATLARI İÇİN MOTOR / MOTOR FOR PARALEL, BOTTOM-HUNG & SKYLIGHT VENTS	ALUTECH AIRWIN A 65 (230V AC) MOTOR Ayarlanabilir Açılma Mesafesi : 550 mm İtme Gücü: 650 N Cekme Gücü: 650 N Çalışma Hızı: 10 mm/sec Maks.Kanat Ağırlığı-Vasistas ve Pivot: 120 kg Maks.Kanat Ağırlığı-Yatay ve Çatı Pencerelede .: 120 kg Kanat Eni: 200 - 1250 mm Maksimum Kanat Boyu: 2600 mm
470049 ALUTECH GNS 02A - 2 KANAL UZAKTAN KUMANDA / ALUTECH GNS 02A - 2 CHANNEL REMOTE CONTROL	
470050 ALUTECH GNS 202 / 220V - UZAKTAN KUMANDA ALICISI / ALUTECH GNS 202 / 220V - REMOTE CONTROL RECEIVER	

* () PARANTEZ İÇERİSİNDEKİ KODLAR YERLİ AKSESUARLARA AİTTİR.
() CODES INTO THE PARENTHESIS BELONG TO NATIVE ACCESSORIES.

! BU SAYFADA BELİRTİLEN AKSESUAR GÖRSELLERİ TEMSİLİDİR.
ACCESSORY IMAGES ARE REPRESENTATIVE AT THIS PAGE.

***MONTAJ TALİMATLI
AKSESUARLAR***

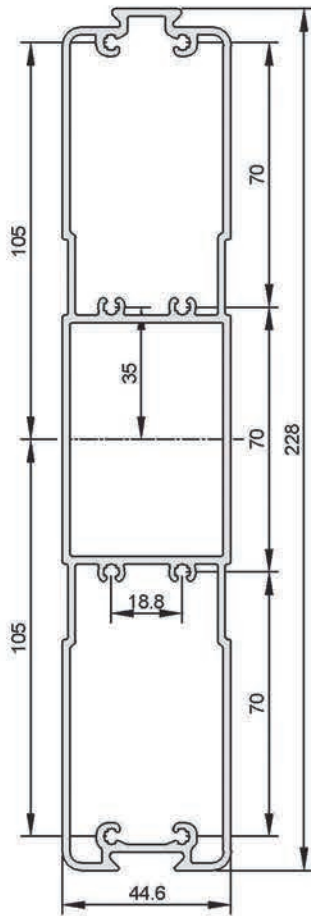
***ACCESSORIES WITH
FABRICATION MANUAL***



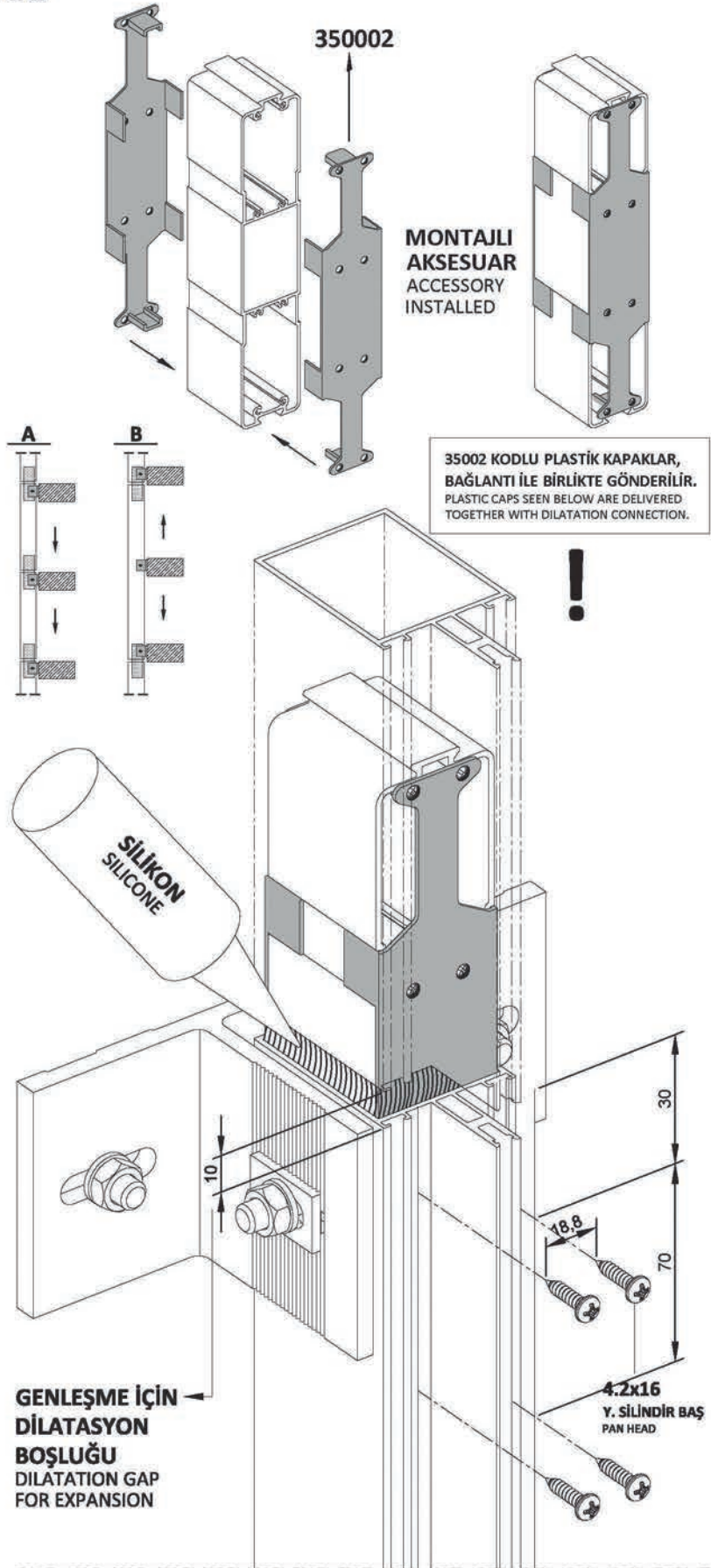
DİLATASYON BAĞLANTILARI

DILATATION CONNECTIONS

AKSESUAR KODU ACCESSORY CODE	KESİM ÖLÇÜSÜ CUTTING DIMENSION
310071	24 mm
310072	41,5 mm
310073	61,5 mm
310074	81,5 mm
310075	101 mm
310076	121 mm
310077	141 mm
310078	161 mm
310079	181 mm



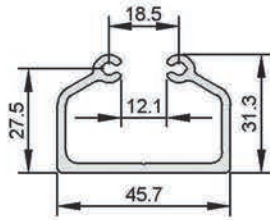
FP501 (3,864 kg/m.)



SABİT U BAĞLANTILAR

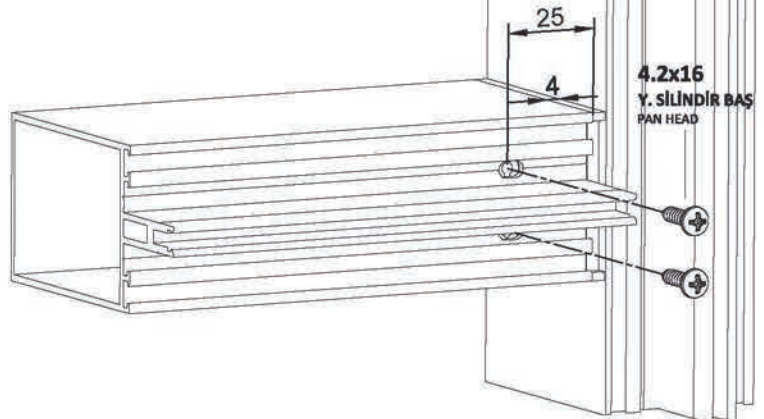
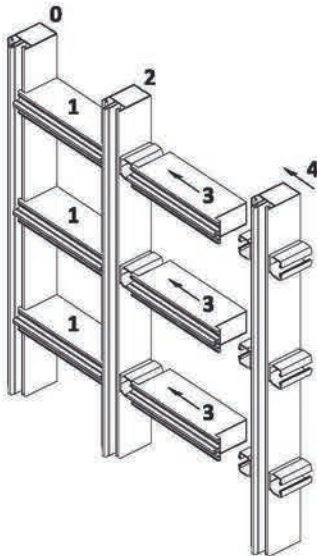
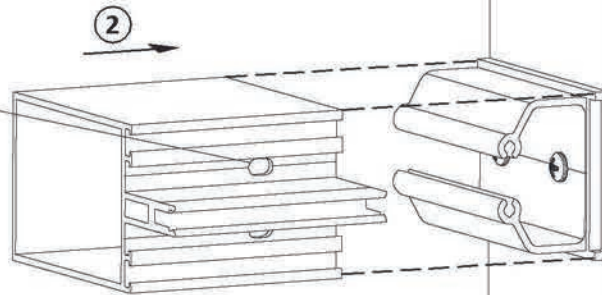
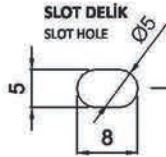
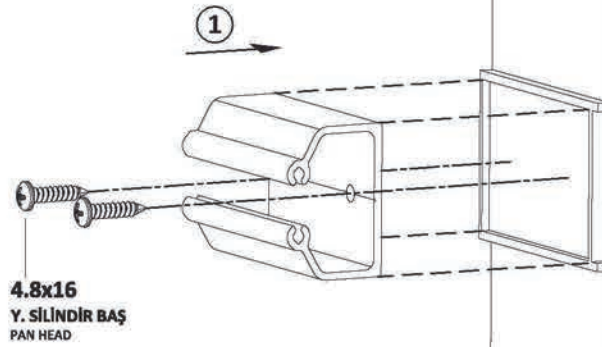
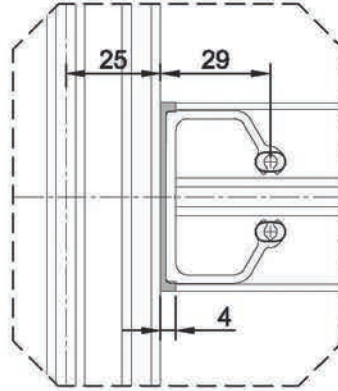
FIXED U CONNECTIONS

AKSESUAR KODU ACCESSORY CODE	KESİM ÖLÇÜSÜ CUTTING DIMENSION
310080	26,5 mm
310081	46,4 mm
310082	66,4 mm
310083	86,4 mm
310084	106 mm
310085	126 mm
310086	146 mm
310087	166 mm
310088	186 mm



FP511 (0,821 kg/m.)

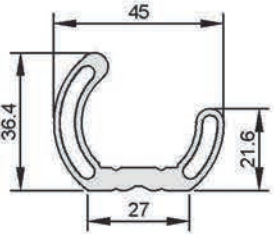
SLOT DELİK ÖLÇÜLERİ
SLOT HOLE DIMENSIONS



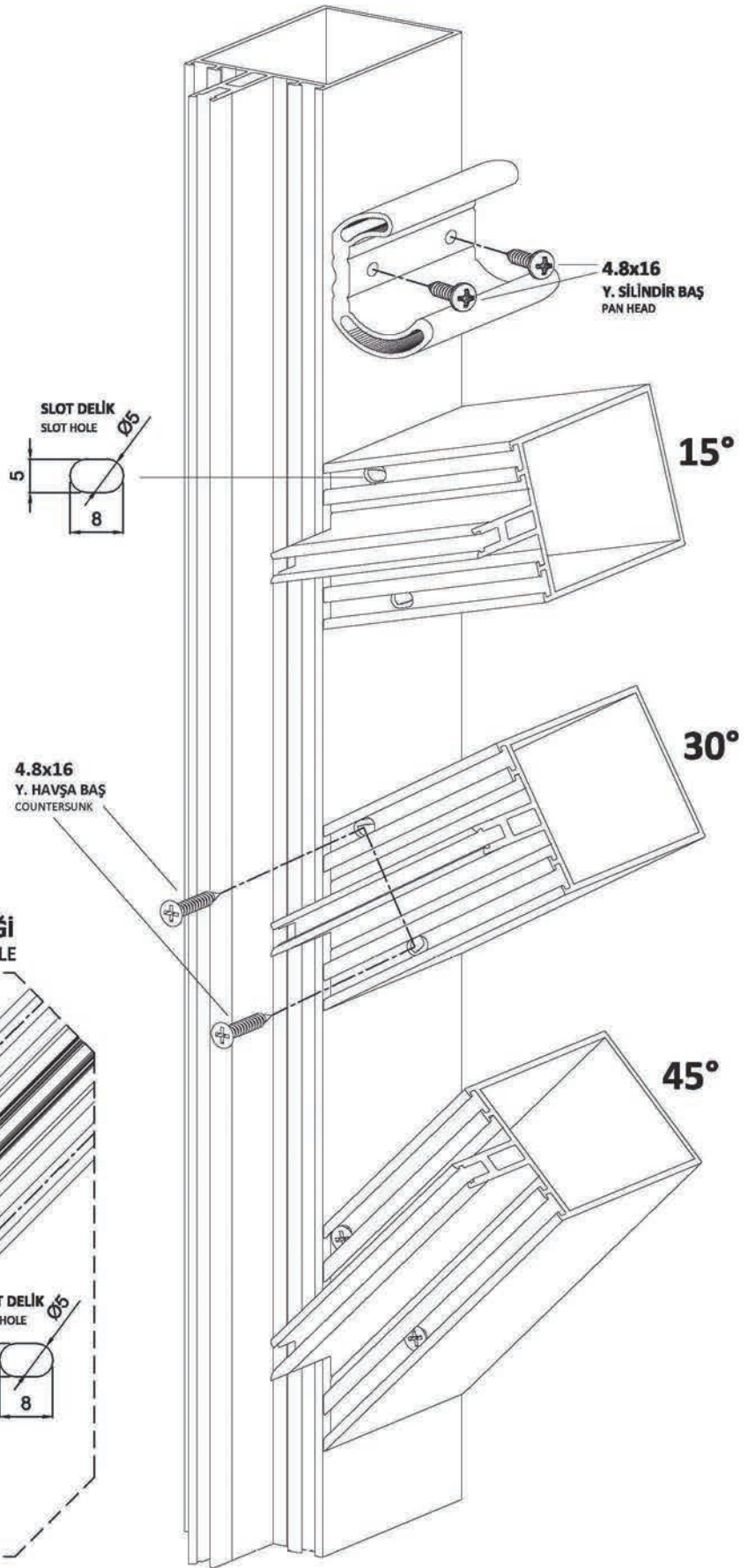
AÇILI U BAĞLANTILAR

ANGULAR U CONNECTIONS

AKSESUAR KODU ACCESSORY CODE	KESİM ÖLÇÜSÜ CUTTING DIMENSION
310330	26,5 mm
310331	46,4 mm
310332	66,4 mm
310333	86,4 mm
310334	106 mm
310335	126 mm
310336	146 mm
310337	166 mm
310338	186 mm



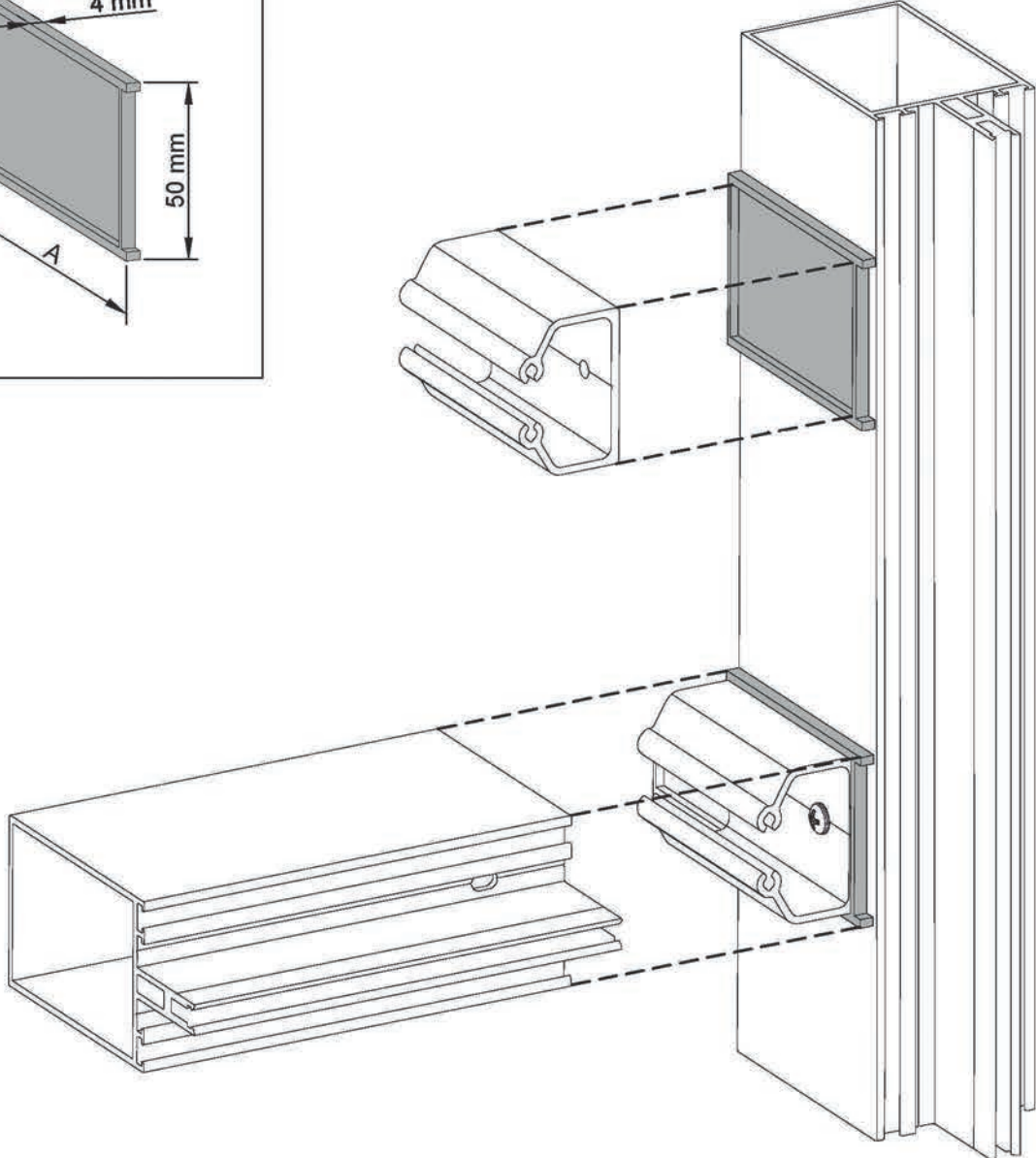
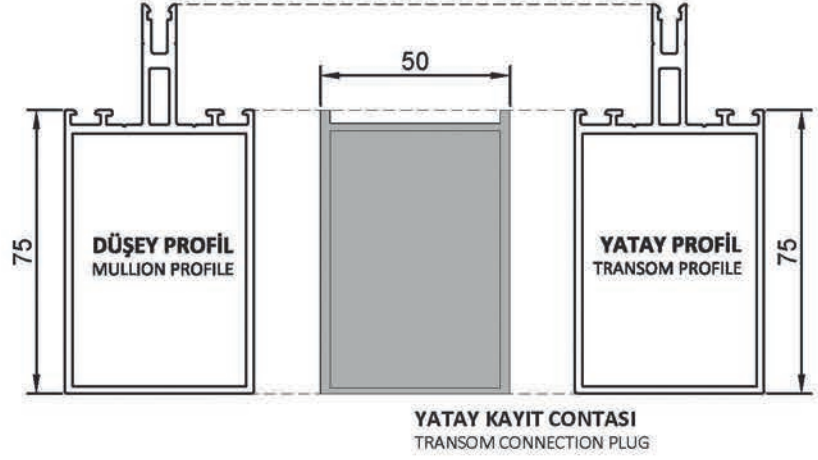
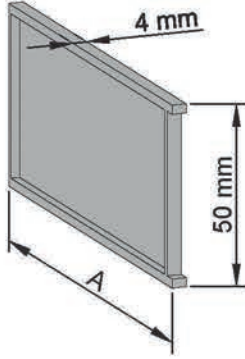
FP514 (0,947 kg/m.)



SABİT YATAY KAYIT CONTALARI

FIXED TRANSOM CONNECTION PLUGS

AKSESUAR KODU ACCESSORY CODE	A (mm)
330019	35 mm
330020	55 mm
330021	75 mm
330022	95 mm
330023	115 mm
330024	135 mm
330025	155 mm
330026	175 mm
330027	195 mm

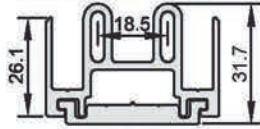


KIRLANGIÇ U BAĞLANTILAR

MOVABLE U CONNECTIONS

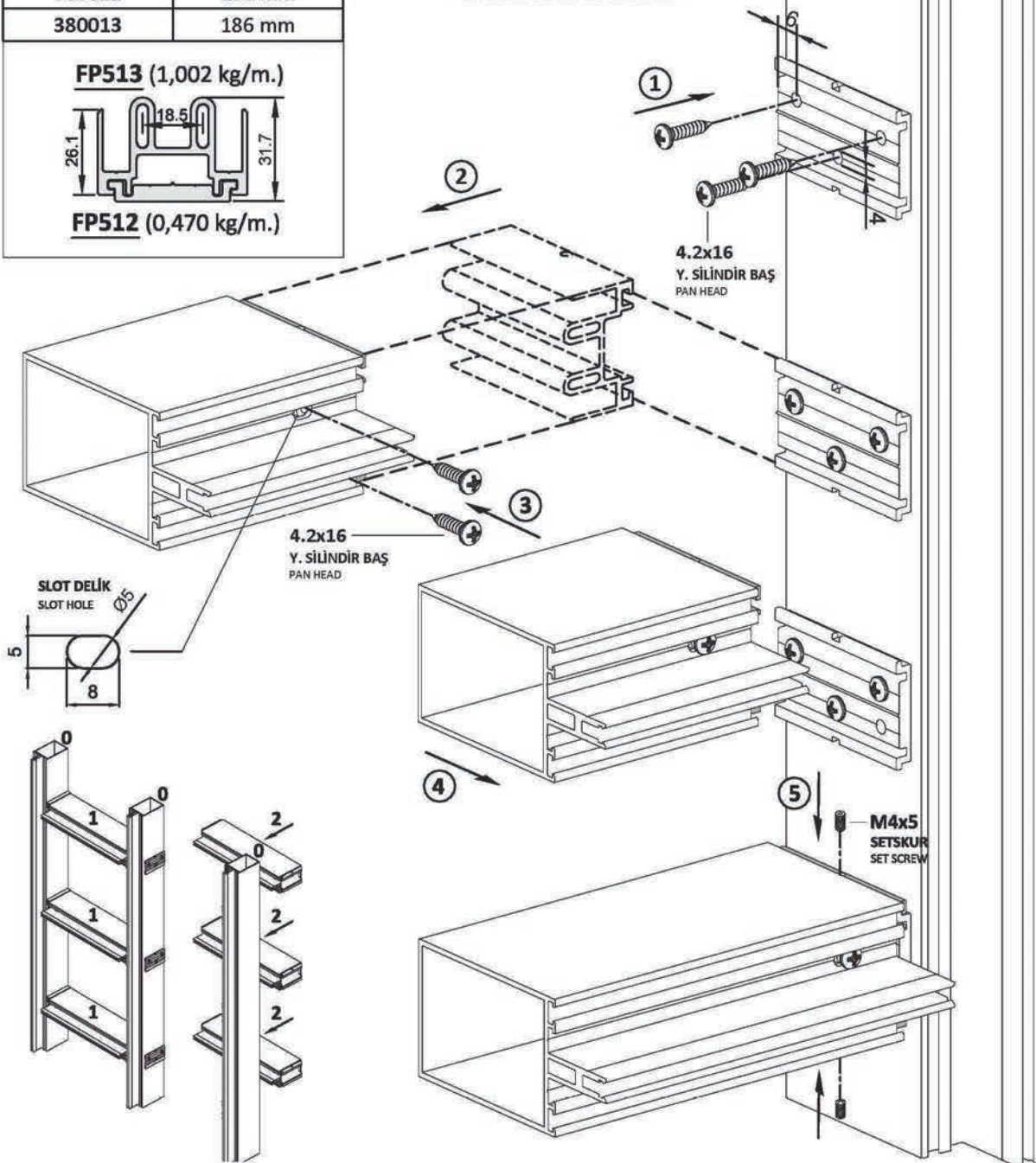
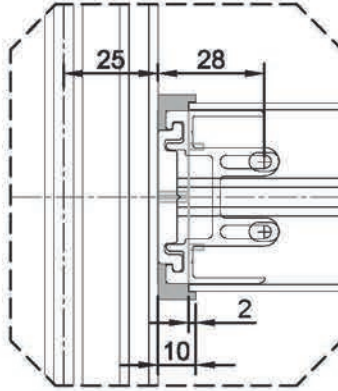
AKSESUAR KODU ACCESSORY CODE	KESİM ÖLÇÜSÜ CUTTING DIMENSION
380005	26,5 mm
380006	46,4 mm
380007	66,4 mm
380008	86,4 mm
380009	106 mm
380010	126 mm
380011	146 mm
380012	166 mm
380013	186 mm

FP513 (1,002 kg/m.)



FP512 (0,470 kg/m.)

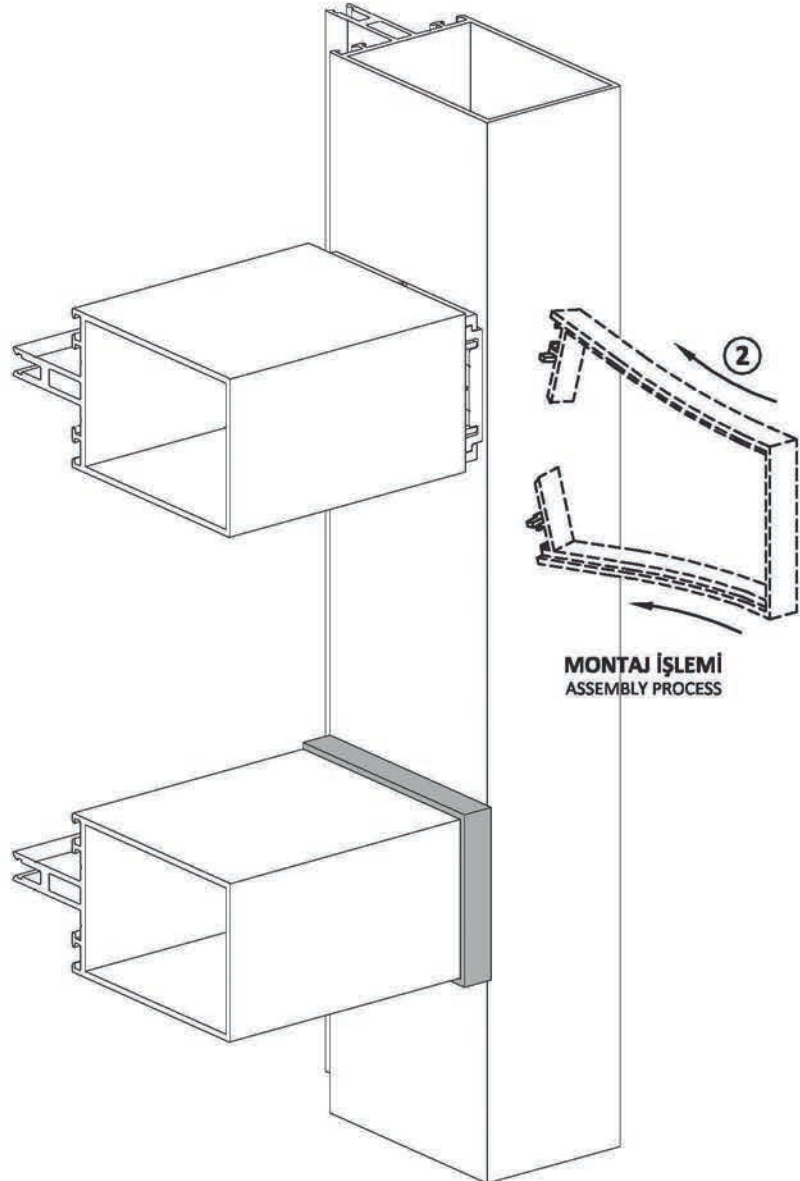
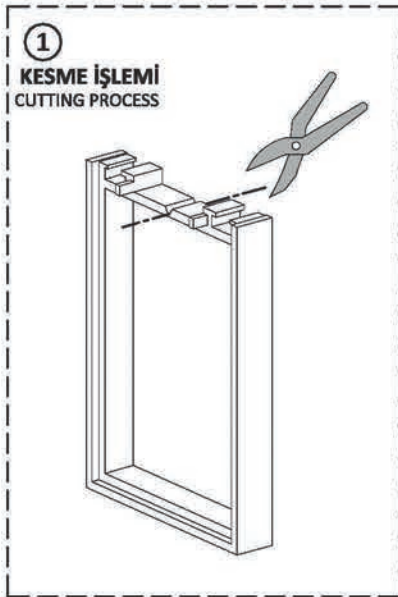
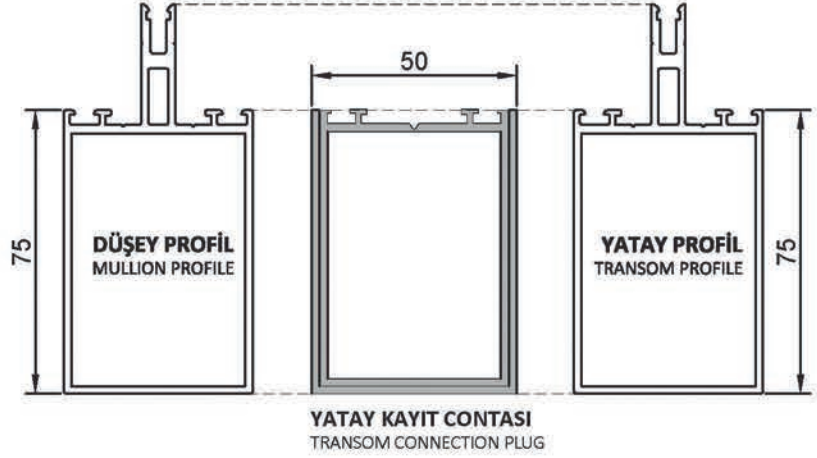
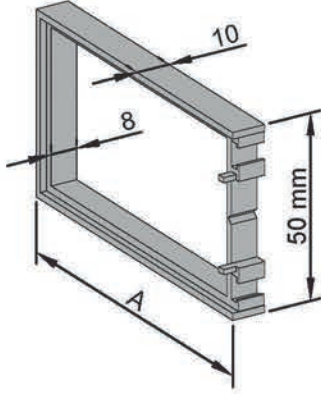
SLOT DELİK ÖLÇÜLERİ
SLOT HOLE DIMENSIONS



KIRLANGIÇ YATAY KAYIT CONTALARI

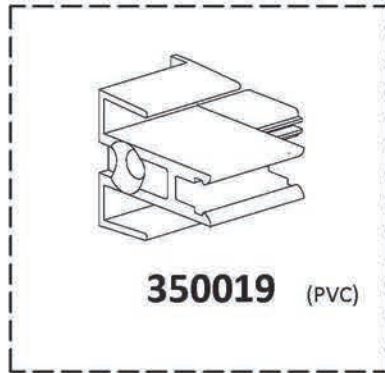
MOVABLE TRANSOM CONNECTION PLUGS

AKSESUAR KODU ACCESSORY CODE	A (mm)
330028	35 mm
330029	55 mm
330030	75 mm
330031	95 mm
330032	115 mm
330033	135 mm
330034	155 mm
330035	175 mm
330036	195 mm

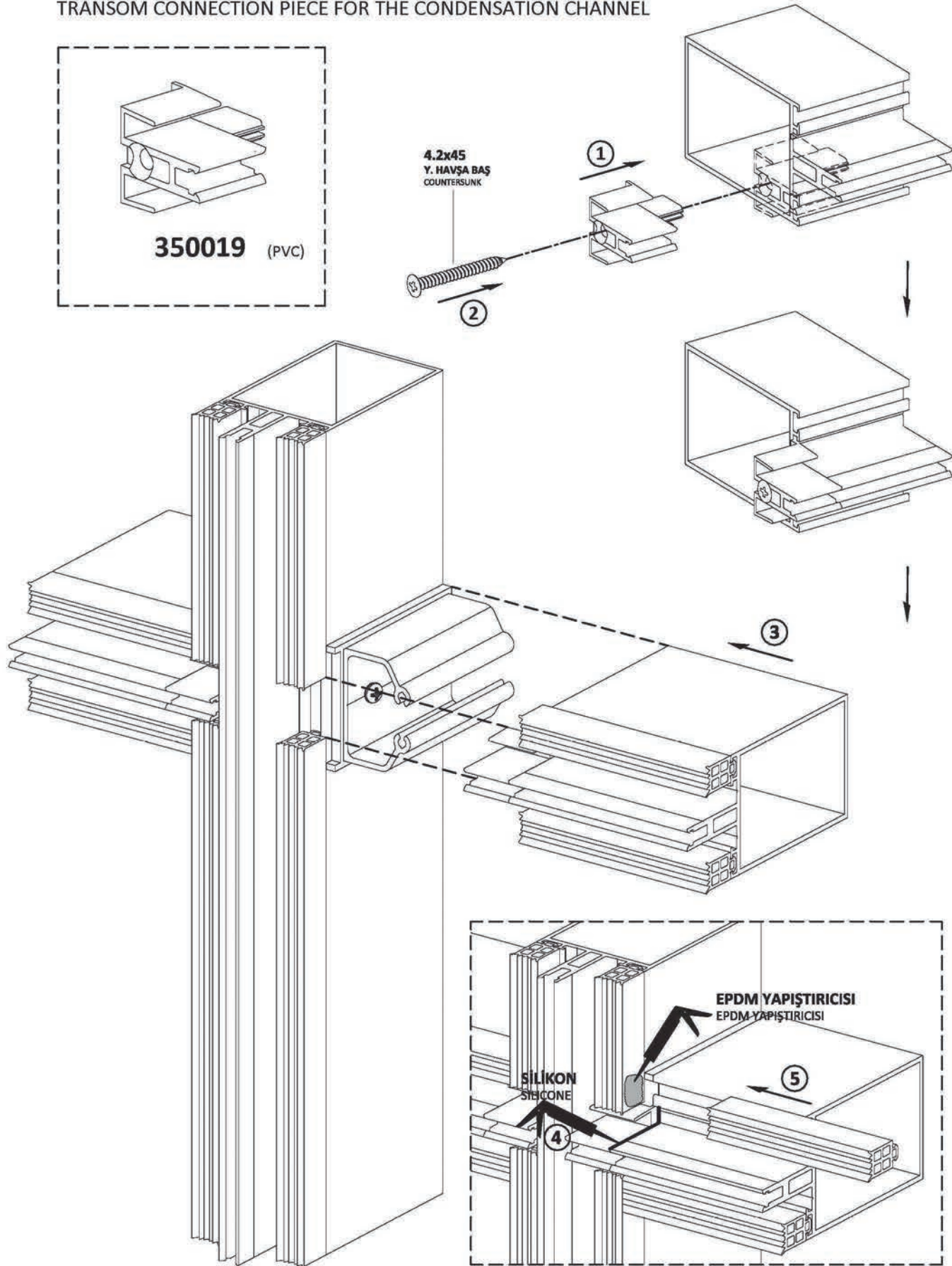


KONDENS YOLU İÇİN KAYIT BAĞLANTI PARÇASI

TRANSOM CONNECTION PIECE FOR THE CONDENSATION CHANNEL

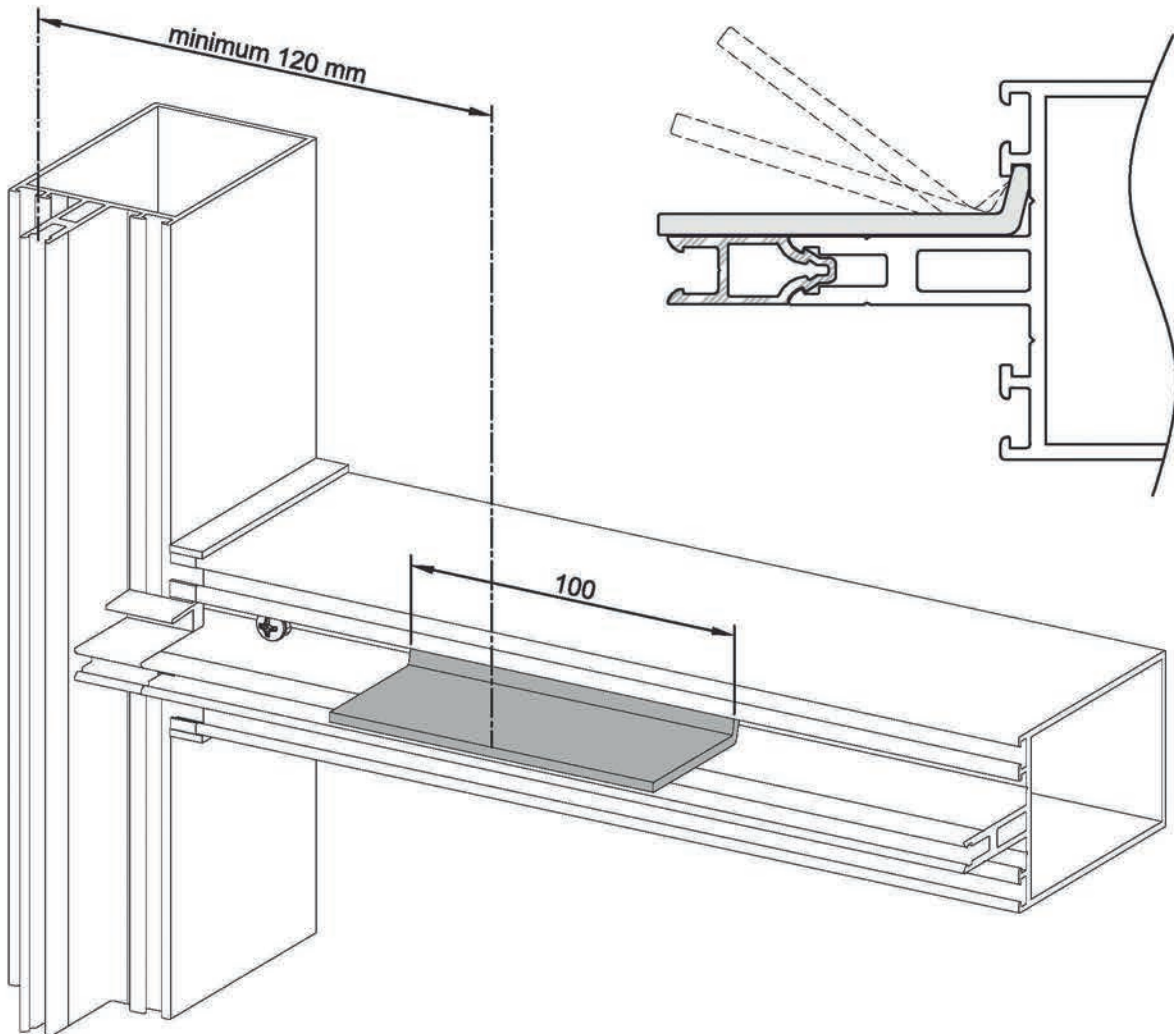
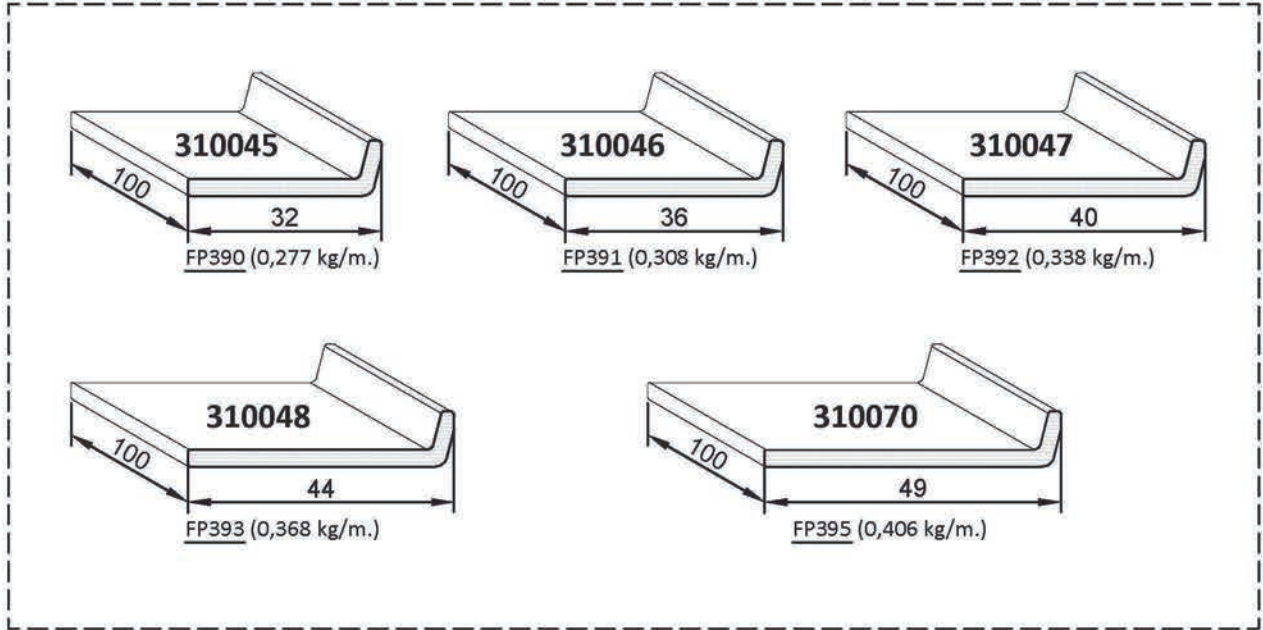


4.2x45
Y. HAŞA BAŞ
COUNTERSUNK



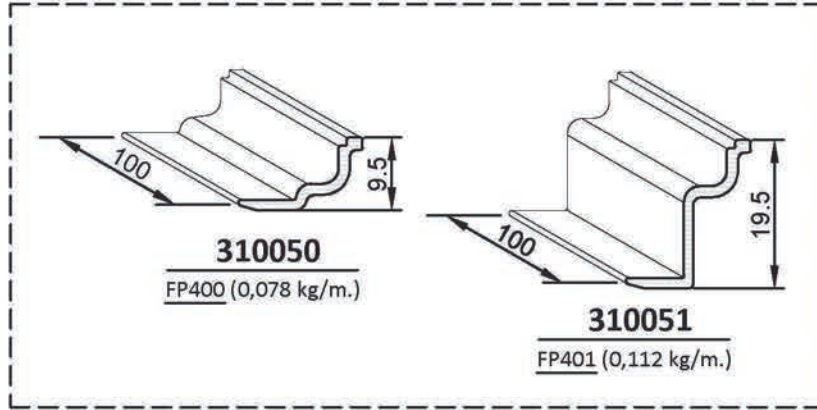
CAM ALTI DESTEK PARÇALARI

GLAZING SUPPORT PIECES

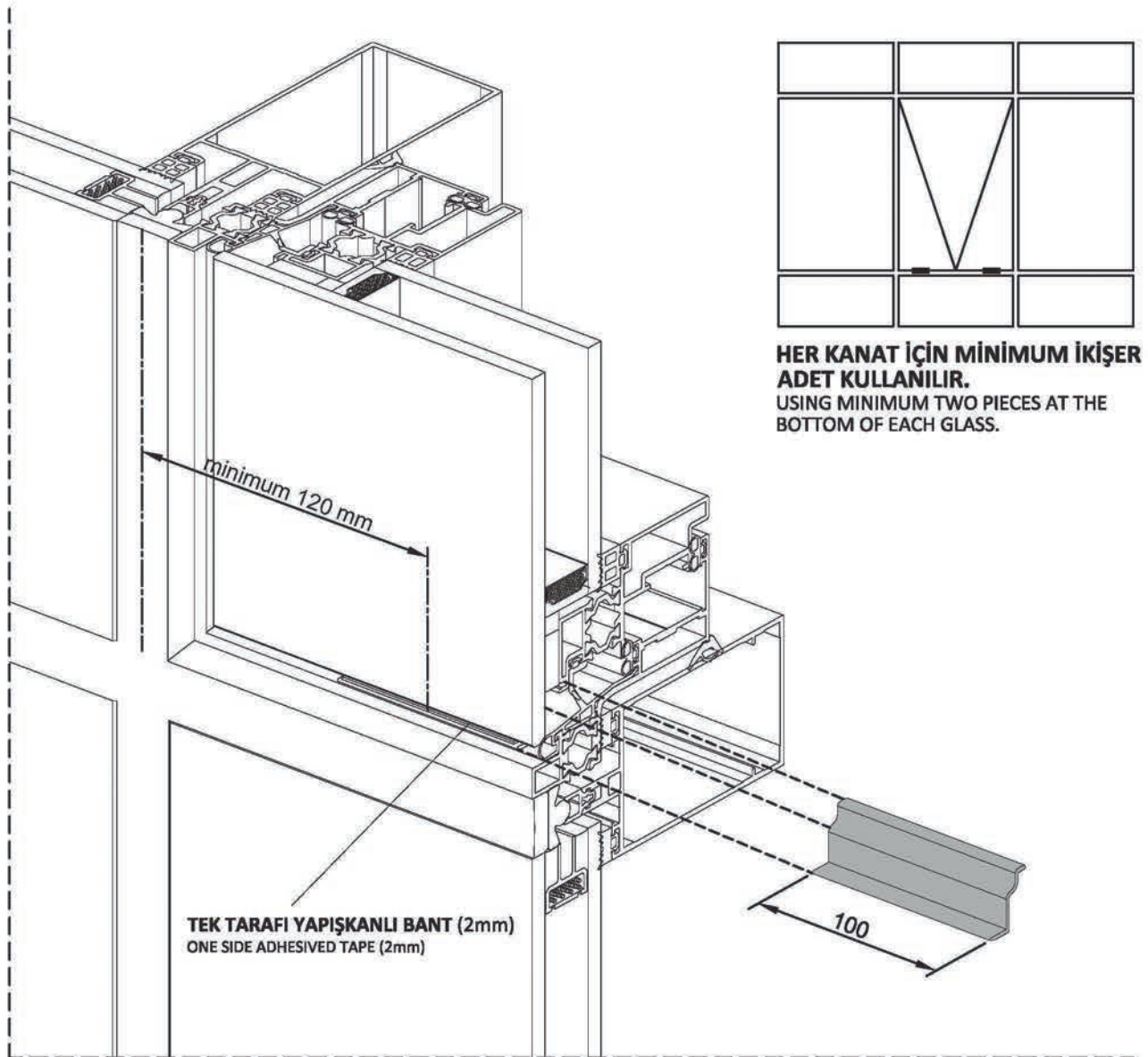


KANAT İÇİN CAM ALTI DESTEK PARÇALARI

GLAZING SUPPORT PIECES FOR VENT



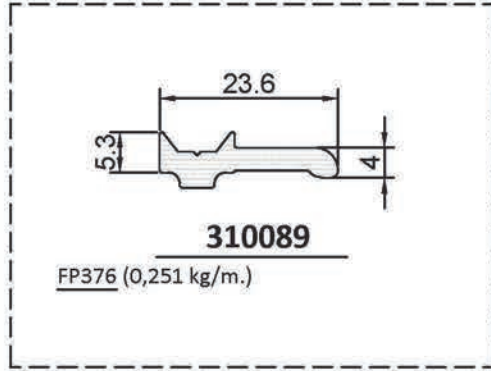
**CAM ALTI DESTEK
PARÇALARI, KANAT
KÖŞELERİ PRESLENMEDEN
ÖNCE TAKILMALIDIR.**
GLAZING SUPPORTS SHOULD BE
INSTALLED BEFORE THE CORNER
CLEAT JOINTS OF VENT APPLIED.



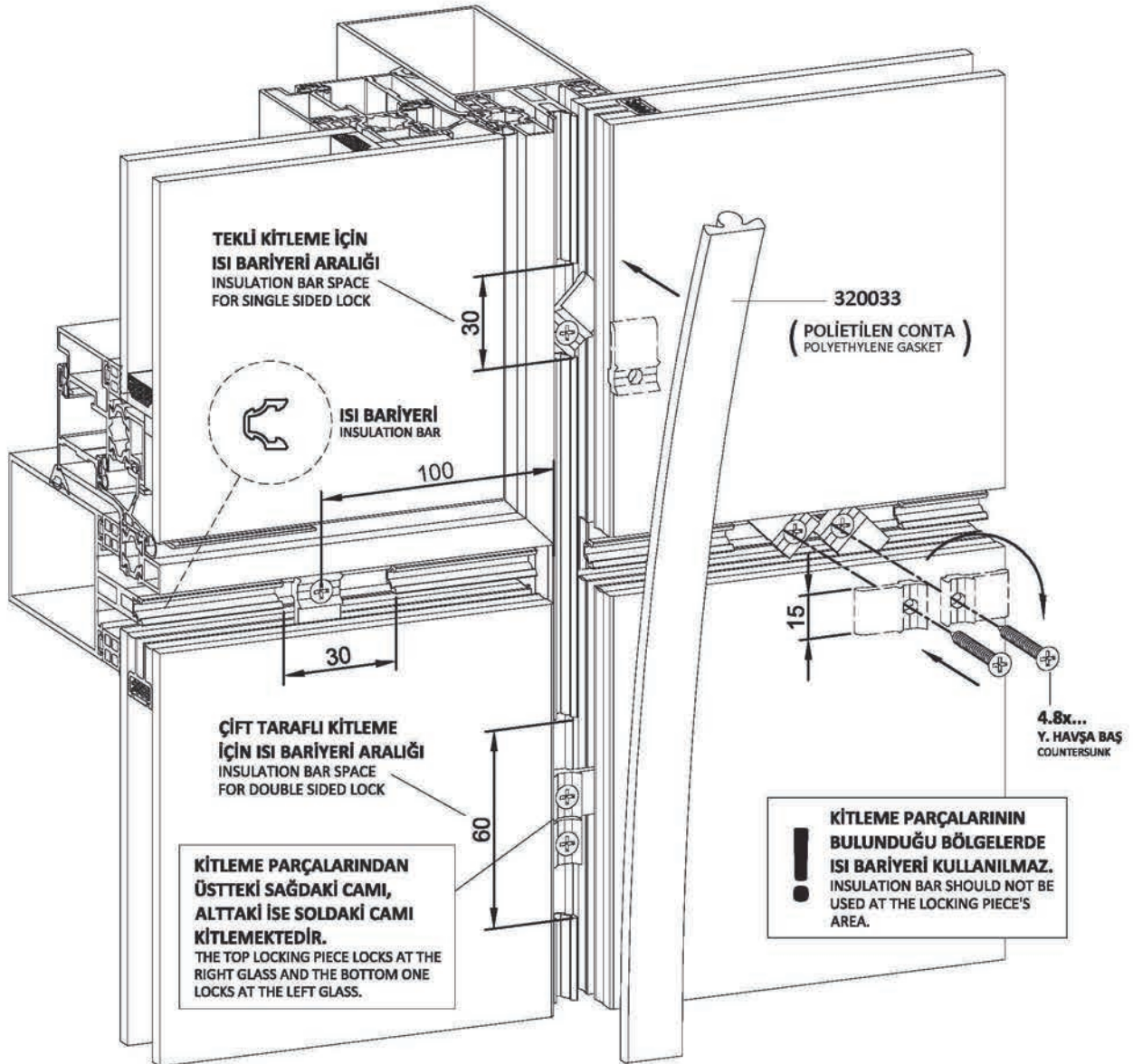
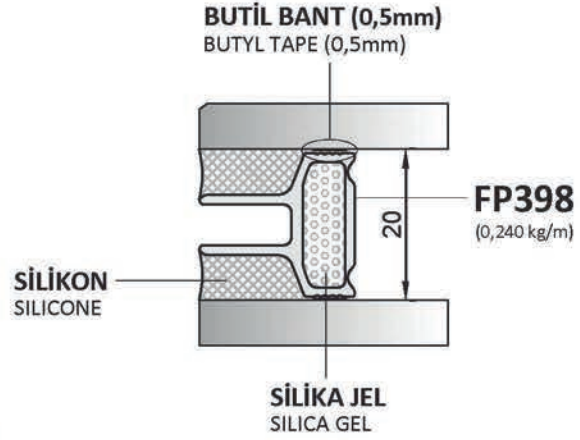
**HER KANAT İÇİN MİNİMUM İKİŞER
ADET KULLANILIR.**
USING MINIMUM TWO PIECES AT THE
BOTTOM OF EACH GLASS.

STANDART 20mm ISICAM ÇITALI CAM ARASI KİTLEME PARSI

LOCKING PIECE FOR THE STANDARD 20mm DOUBLE GLAZED GLASS SPACER

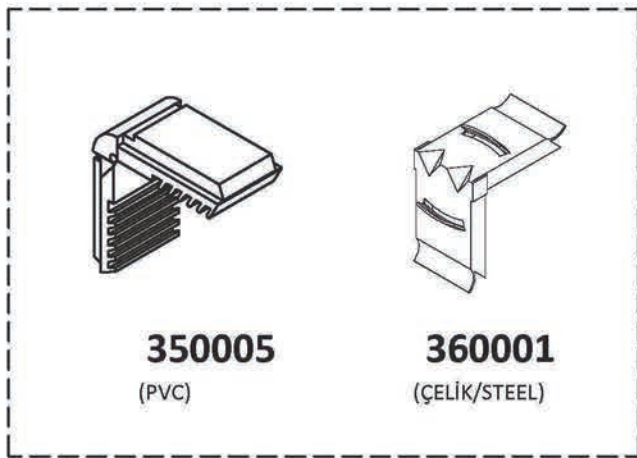


! **MAKSİMUM 30 CM'DE BİR UYGULANMALIDIR.**
SHOULD BE APPLIED MAXIMUM 30 CM GAP BETWEEN EACH OTHER.



! **AYNI CAM MODÜLÜNDEKİ KİTLEMELER ARASI MESAFE YAKLAŞIK 30 CM OLMALIDIR.**
DISTANCE BETWEEN LOCKING PIECES SHOULD BE APPROXIMATELY 30 CM AT THE SAME GLASS MODULE.

CORNER CONNECTION METHOD FOR THE STANDARD 20mm DOUBLE GLAZED GLASS SPACER



350005

(PVC)

360001

(ÇELİK/STEEL)

KERTME
NOTCHING

KESME
CUTTING

12,2

20,8

8,3

16,6

5,7

20,5

KERTME
NOTCHING

SİLİKON
SILICONE

BUTİL BANT (0,5mm)
BUTYL TAPE (0,5mm)

SİLİKA JEL
SILICA GEL

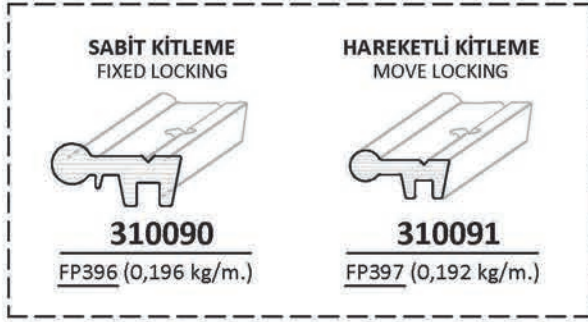
SİLİKON
SILICONE

FP398

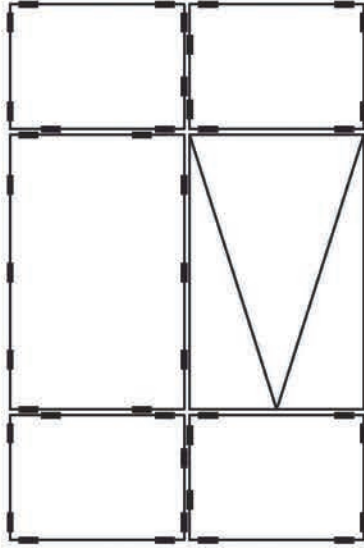
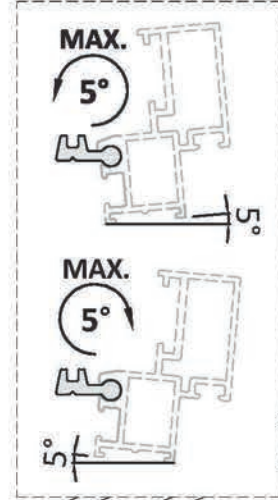
(0,240 kg/m)

KASET SABİTLEME PARÇALARI

FIXING PIECES FOR STRUCTURAL CELLS



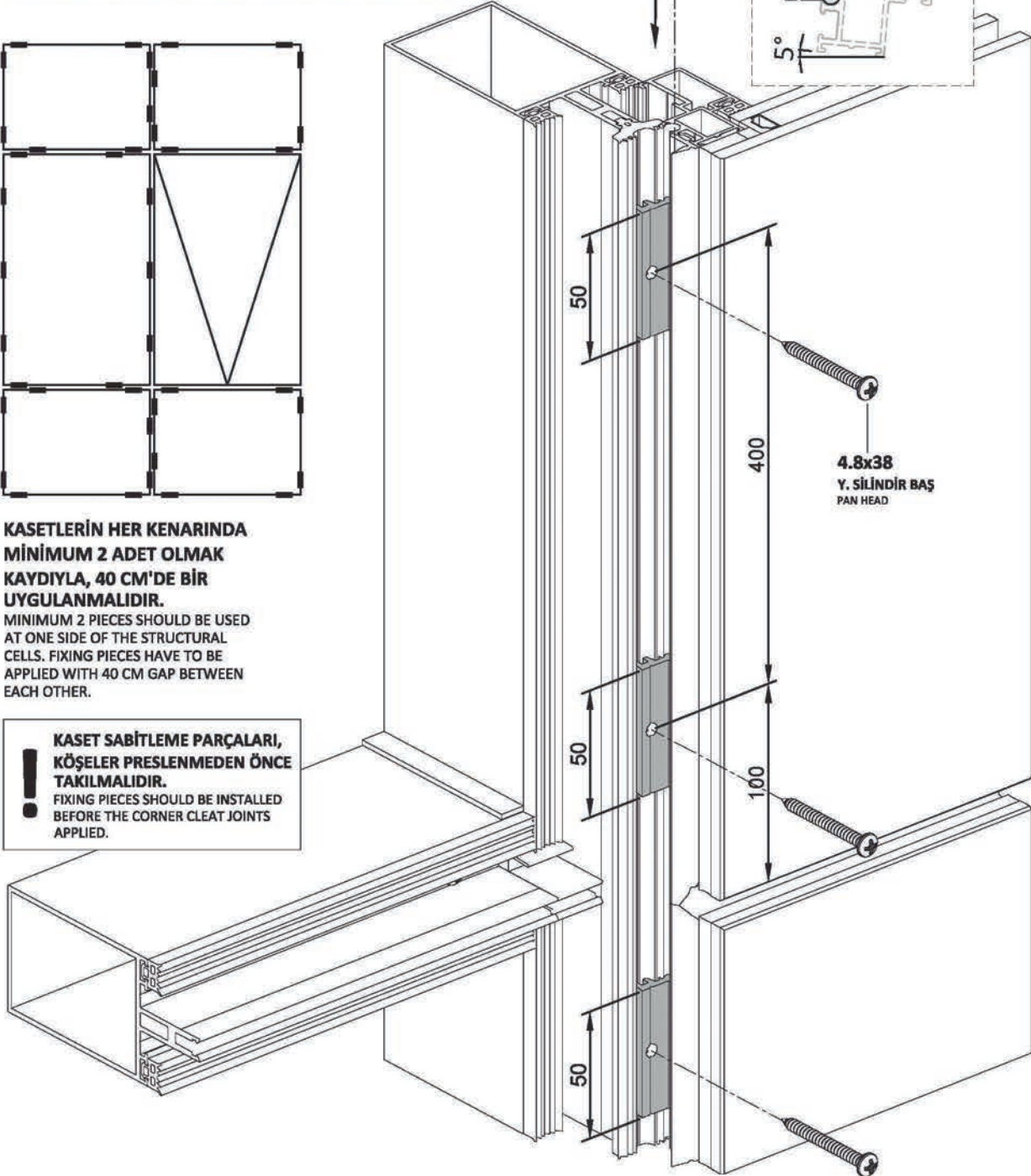
31091 HAREKET AÇILARI 31091 MOVING ANGLES



**KASETLERİN HER KENARINDA
MİNİMUM 2 ADET OLMAK
KAYDIYLA, 40 CM'DE BİR
UYGULANMALIDIR.**

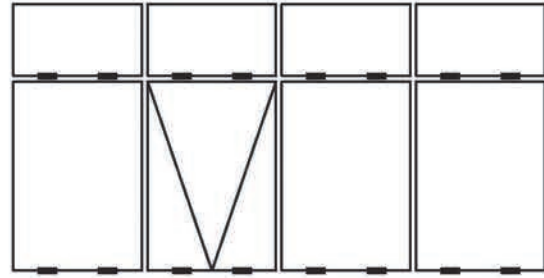
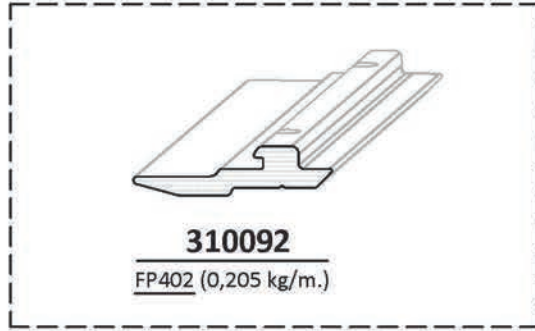
MINIMUM 2 PIECES SHOULD BE USED
AT ONE SIDE OF THE STRUCTURAL
CELLS. FIXING PIECES HAVE TO BE
APPLIED WITH 40 CM GAP BETWEEN
EACH OTHER.

**! KASET SABİTLEME PARÇALARI,
KÖŞELER PRESLENMEDEN ÖNCE
TAKILMALIDIR.**
FIXING PIECES SHOULD BE INSTALLED
BEFORE THE CORNER CLEAT JOINTS
APPLIED.



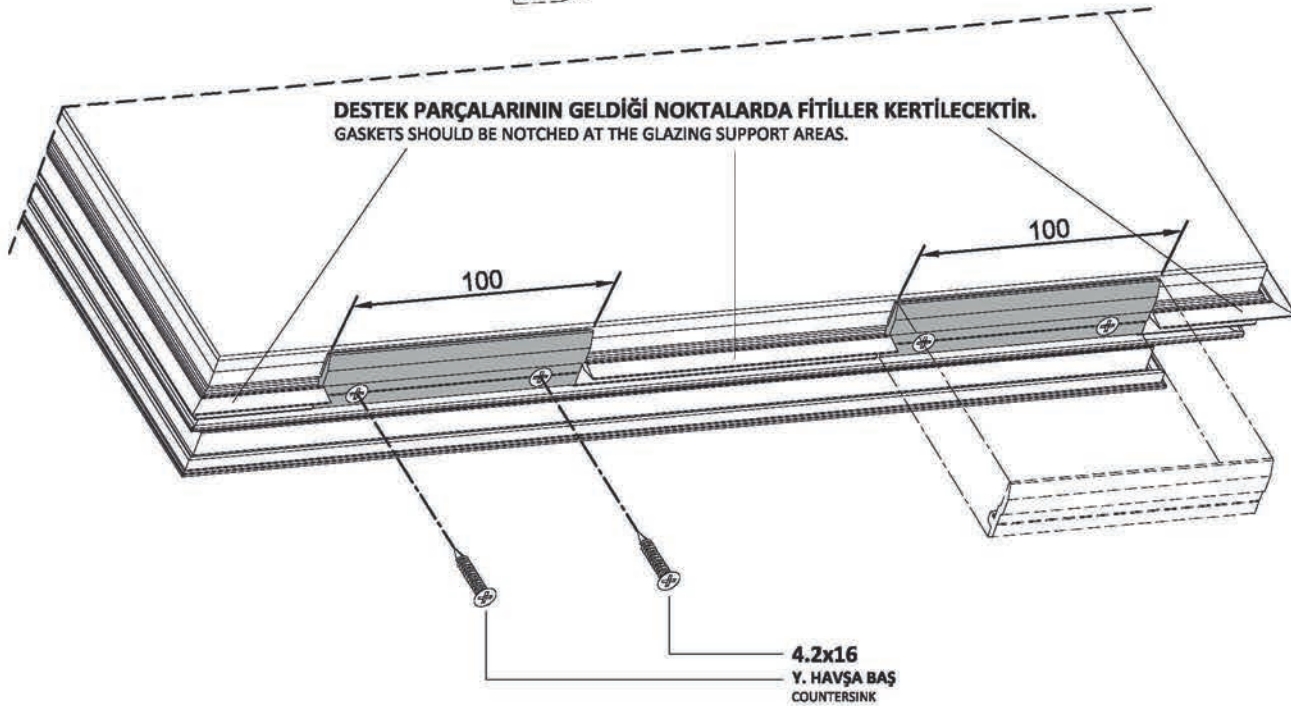
KASET CAM ALTI DESTEK PARÇASI

GLAZING SUPPORT PIECE FOR STRUCTURAL CELLS

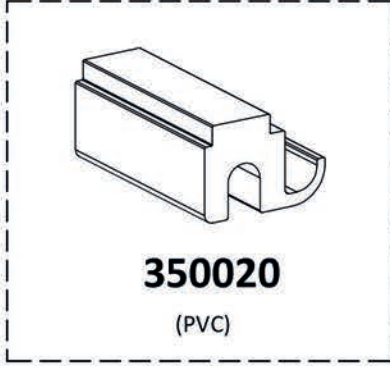


TÜM KASETLERİN ALTINDA İKİŞER ADET KULLANILIR.
USING TWO PIECES AT THE BOTTOM OF THE STRUCTURAL CELLS.

1,6mm TEK TARAFLI YAPIŞKANLI BANT
1,6mm ONE SIDED TAPE

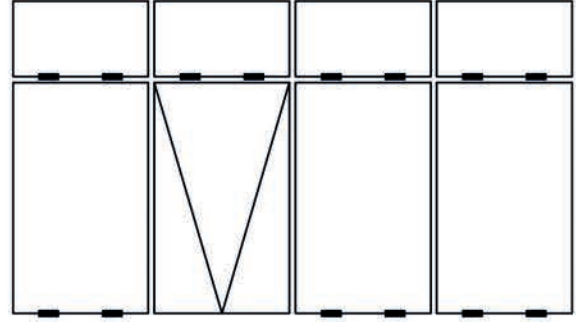


KASET ALT MESAFE TAKOZU BOTTOM SPACER FOR STRUCTURAL CELLS

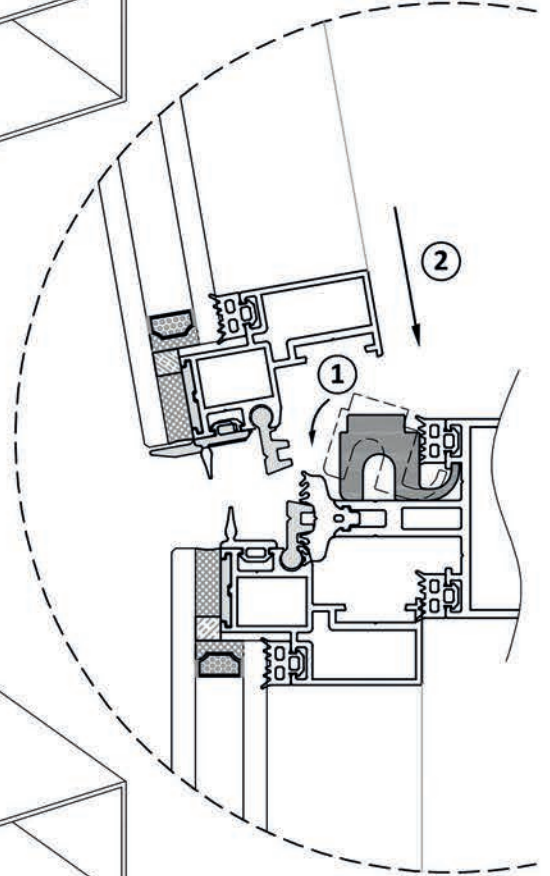
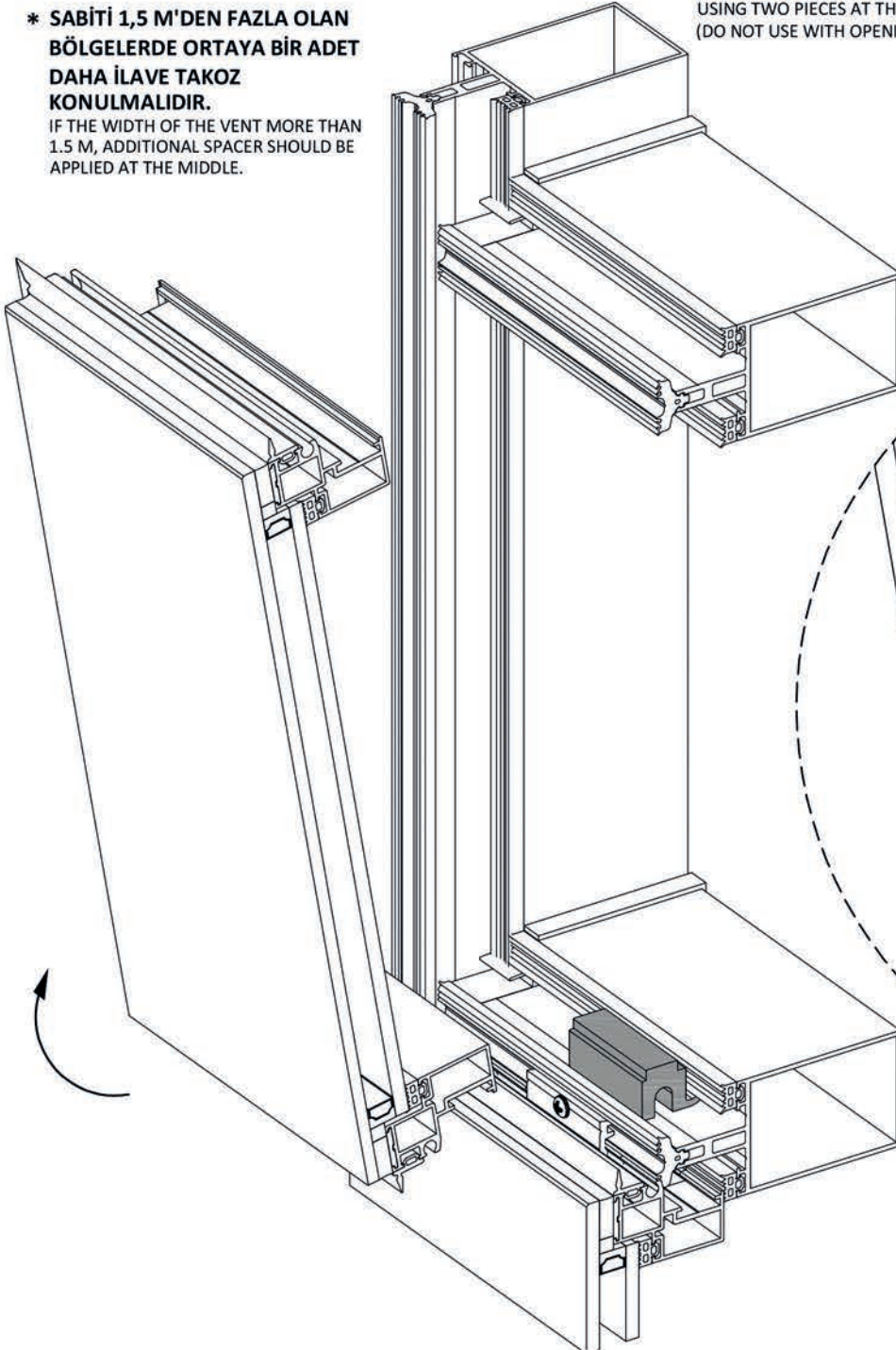


* SABİTİ 1,5 M'DEN FAZLA OLAN
BÖLGELERDE ORTAYA BİR ADET
DAHA İLAVE TAKOZ
KONULMALIDIR.

IF THE WIDTH OF THE VENT MORE THAN
1.5 M, ADDITIONAL SPACER SHOULD BE
APPLIED AT THE MIDDLE.

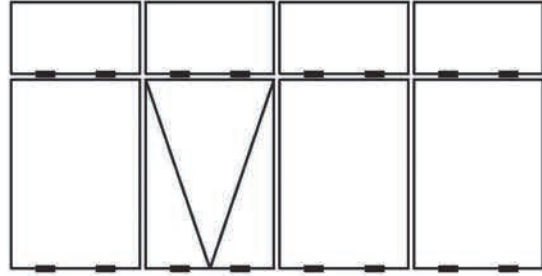
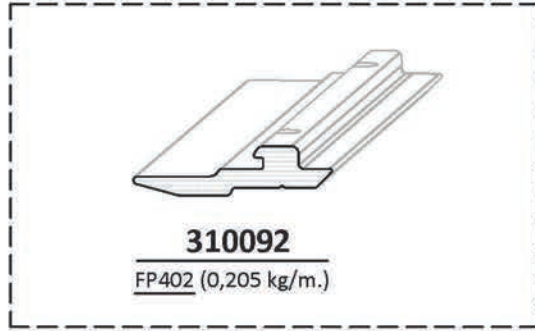


TÜM SABİT KASETLERİN ALTINDA İKİŞER ADET KULLANILIR.
(AÇILIR KANATLARDAN KULLANILMAZ.)
USING TWO PIECES AT THE BOTTOM OF ALL FIXED STRUCTURAL CELLS.
(DO NOT USE WITH OPENING VENTS.)



KASET CAM ALTI DESTEK PARÇASI

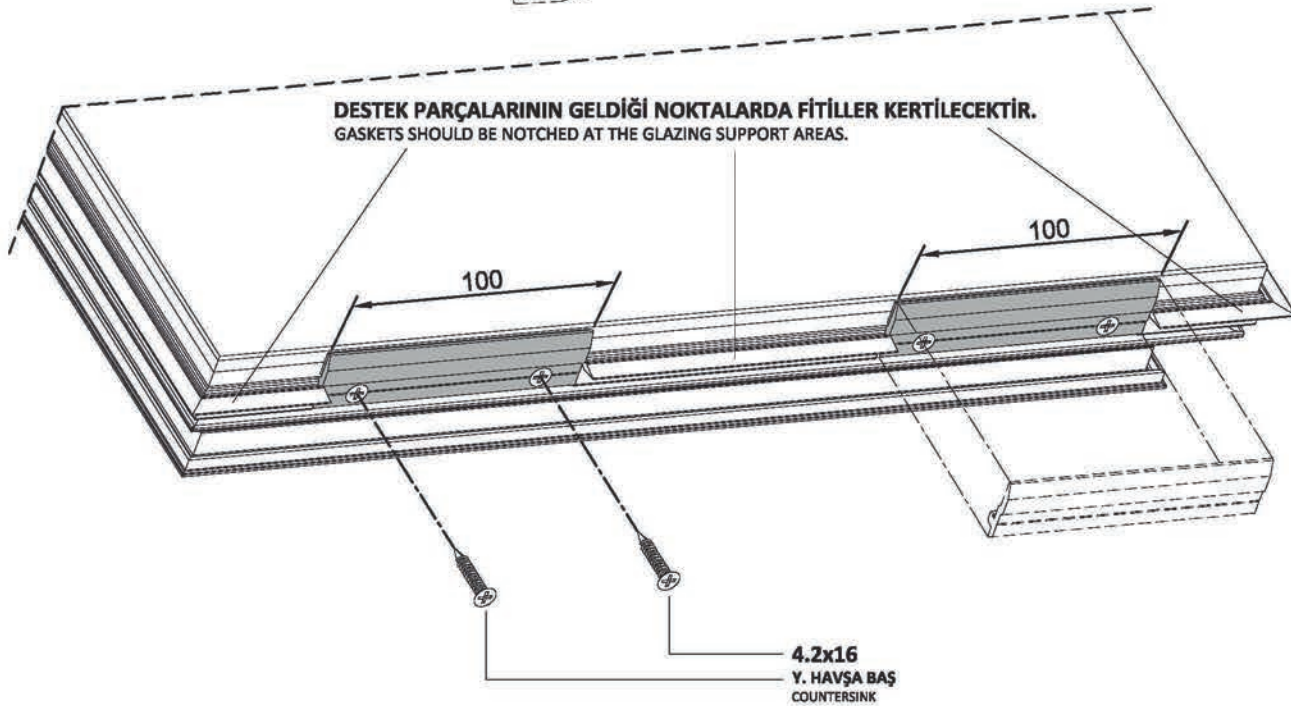
GLAZING SUPPORT PIECE FOR STRUCTURAL CELLS



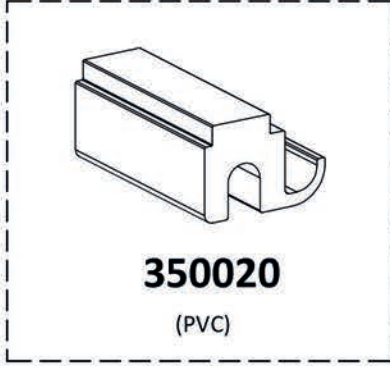
TÜM KASETLERİN ALTINDA İKİŞER ADET KULLANILIR.
USING TWO PIECES AT THE BOTTOM OF THE STRUCTURAL CELLS.

1,6mm TEK TARAFLI YAPIŞKANLI BANT
1,6mm ONE SIDED TAPE

DESTEK PARÇALARININ GELDİĞİ NOKTALARDA FİTİLLER KERTİLECEKTİR.
GASKETS SHOULD BE NOTCHED AT THE GLAZING SUPPORT AREAS.

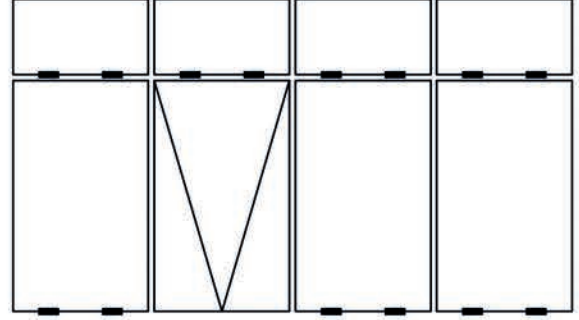


KASET ALT MESAFE TAKOZU BOTTOM SPACER FOR STRUCTURAL CELLS

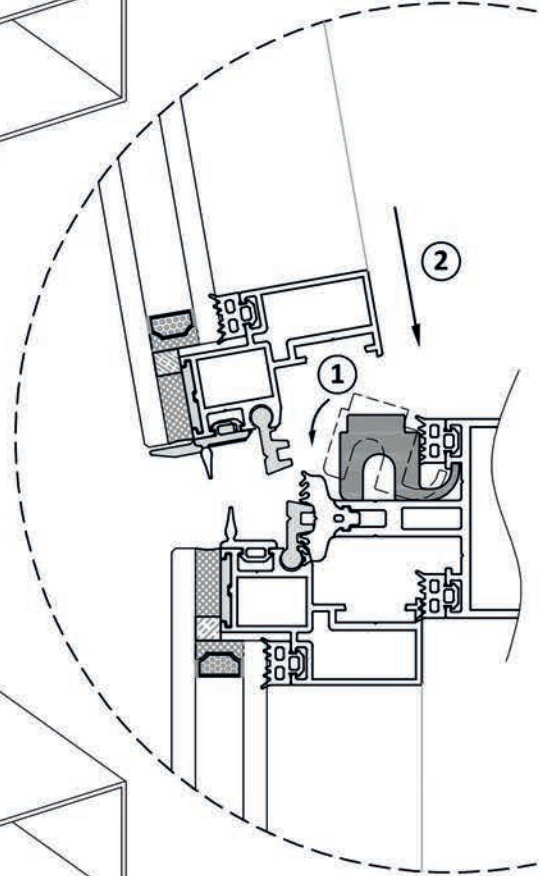
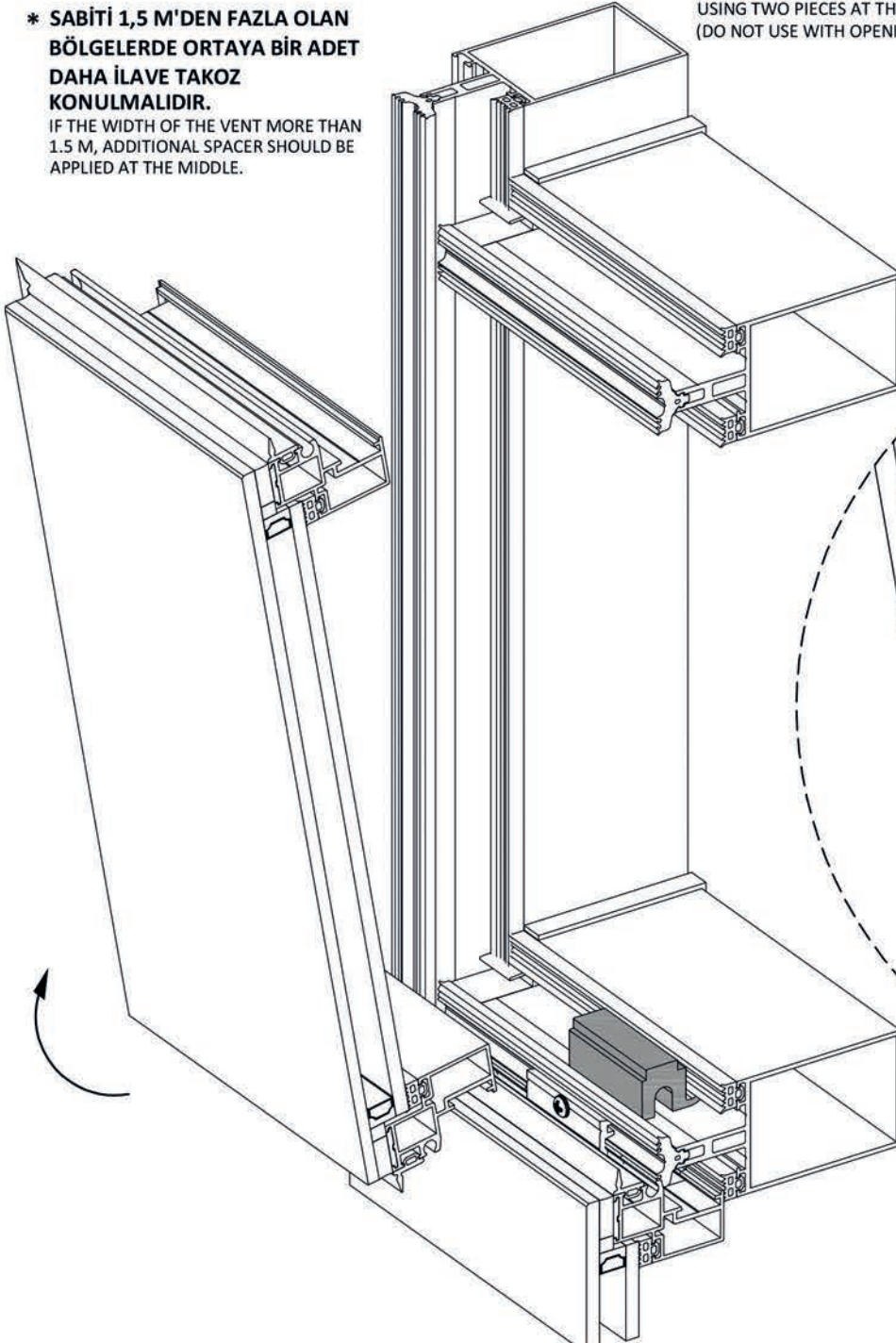


* SABİTİ 1,5 M'DEN FAZLA OLAN
BÖLGELERDE ORTAYA BİR ADET
DAHA İLAVE TAKOZ
KONULMALIDIR.

IF THE WIDTH OF THE VENT MORE THAN
1.5 M, ADDITIONAL SPACER SHOULD BE
APPLIED AT THE MIDDLE.



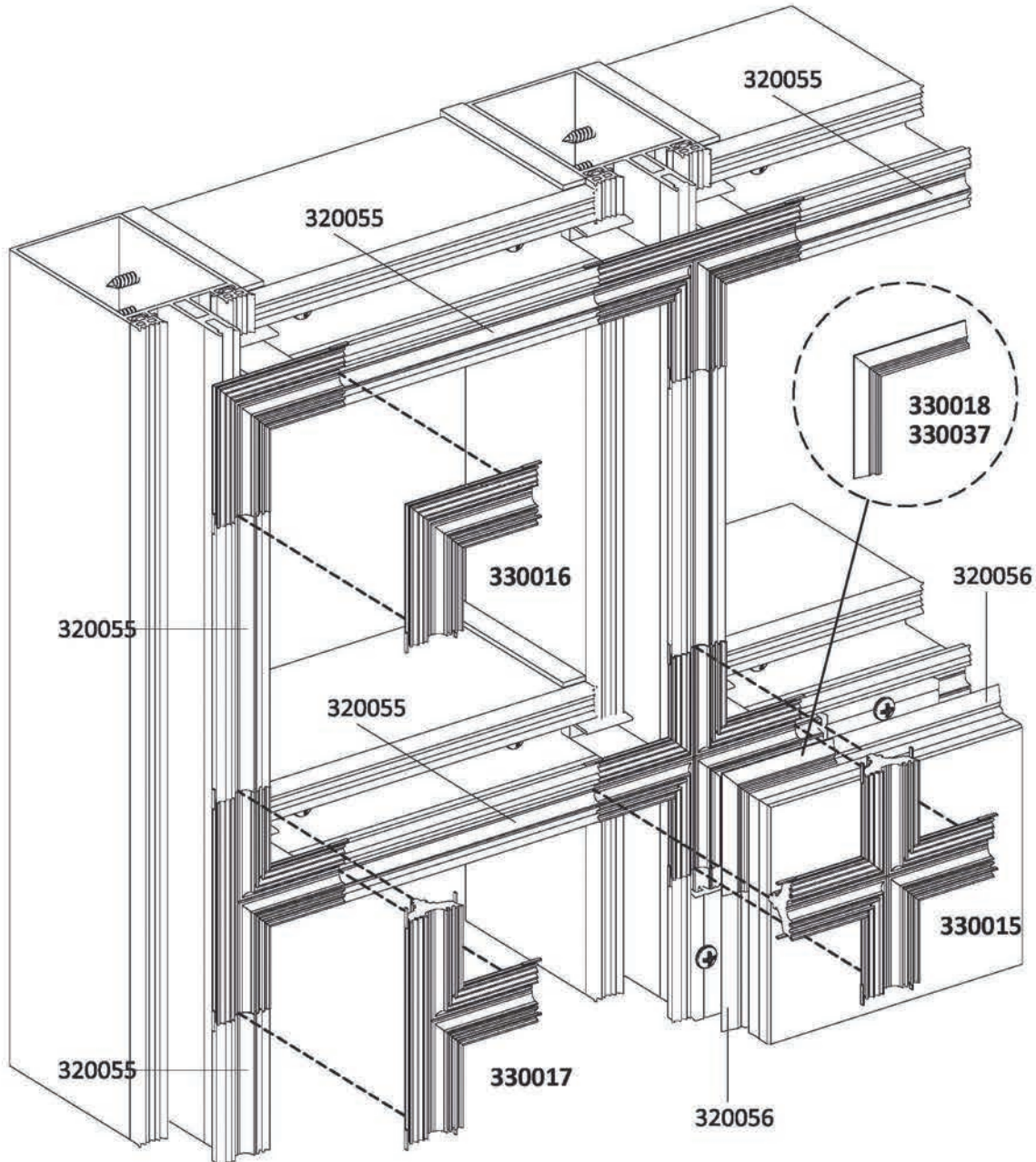
TÜM SABİT KASETLERİN ALTINDA İKİŞER ADET KULLANILIR.
(AÇILIR KANATLARDA KULLANILMAZ.)
USING TWO PIECES AT THE BOTTOM OF ALL FIXED STRUCTURAL CELLS.
(DO NOT USE WITH OPENING VENTS.)



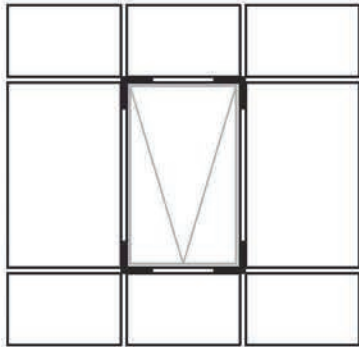
KASETLİ CAM CEPHE SİSTEMİ İÇİN VULKANİZE KÖŞE PARÇALARI

VULCANISED CORNER PIECES FOR THE CURTAIN WALL WITH STRUCTURAL CELLS

ARTI VULKANİZE KÖŞE PARÇASI PLUS SHAPED VULCANISED CORNER PIECE  330015 (EPDM)	L VULKANİZE KÖŞE PARÇASI L SHAPED VULCANISED CORNER PIECE  330016 (EPDM)	T VULKANİZE KÖŞE PARÇASI T SHAPED VULCANISED CORNER PIECE  330017 (EPDM)	KASET TOZLUK FİTİLİ İÇİN VULKANİZE KÖŞE PARÇALARI VULCANISED CORNER PIECES FOR THE OUTER SPAT  330018 (EPDM)	 330037 (EPDM)
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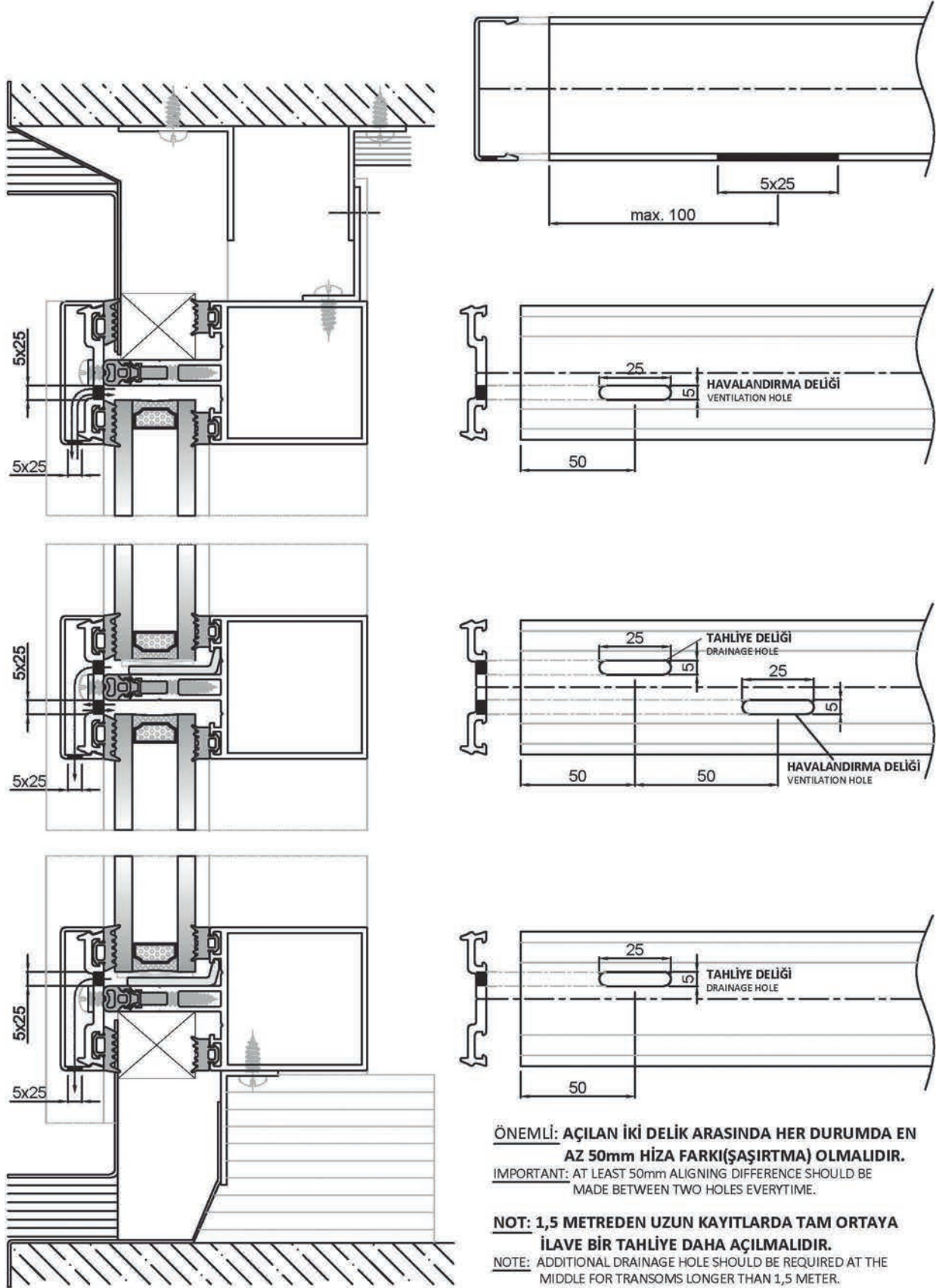


DIŞA AÇILIR KANAT İÇİN VULKANİZE KÖŞE PARÇALARI
VULCANISED CORNER PIECES FOR OUTWARD OPENING VENT



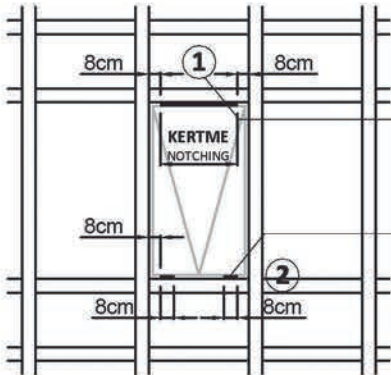
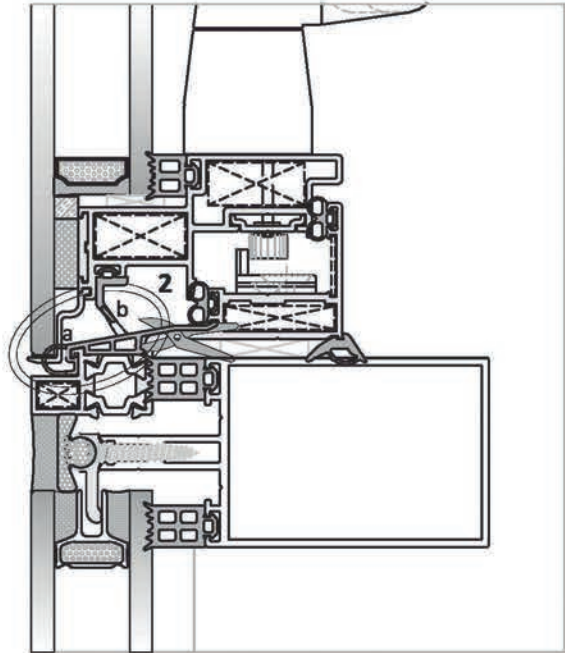
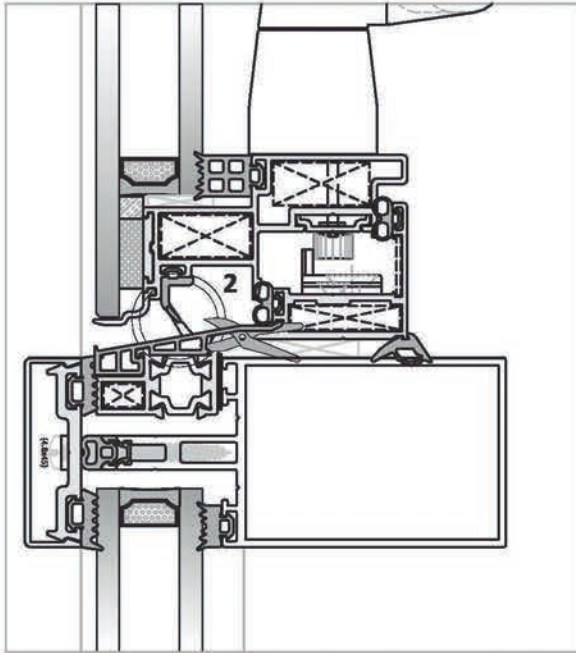
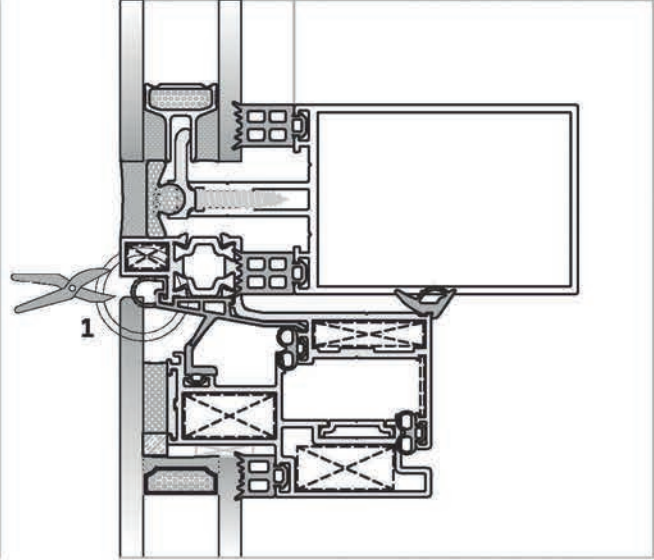
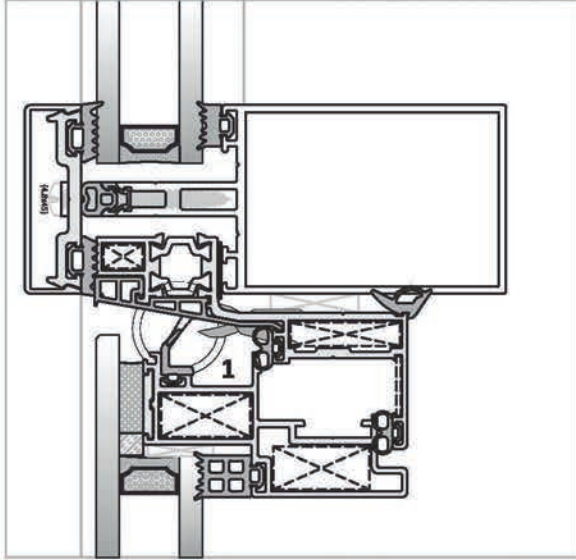
KAPAKLAR İÇİN TAHLİYE DELİK ŞEMALARI

SCHEMAS OF THE DRAINAGE HOLES FOR THE CAPS



KANATLAR İÇİN TAHLİYE DELİK ŞEMALARI

SCHEMAS OF THE DRAINAGE HOLES FOR VENTS



**BASINÇ DENGELEME
BOŞLUĞU**
PRESSURE BALANCATION SPACE

**ALT FİTİL TAHLİYE
KERTMELERİ**
DRAINAGE NOTCHES FOR
THE BOTTOM GASKET



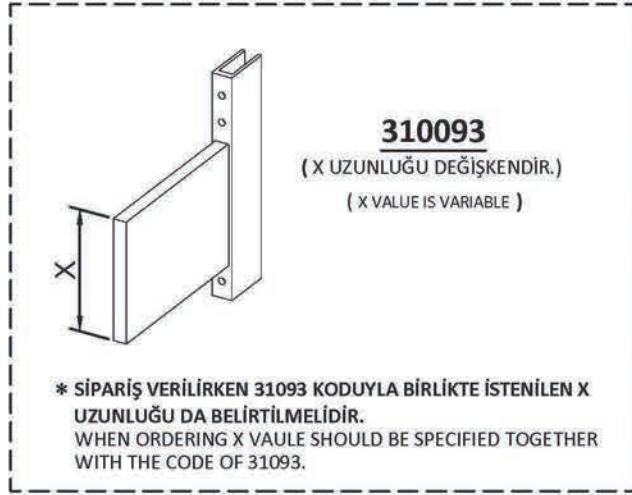
**BASINÇ DENGELEME
BOŞLUĞU**
PRESSURE BALANCATION SPACE

**ALT FİTİL TAHLİYE
KERTMELERİ**
DRAINAGE NOTCHES FOR
THE BOTTOM GASKET

NOT: a ve b tahliye kertmeleri 5cm şaşırtmalı açılmalıdır.
NOTE: a and b drainage notches should be misaligned as 5cm.

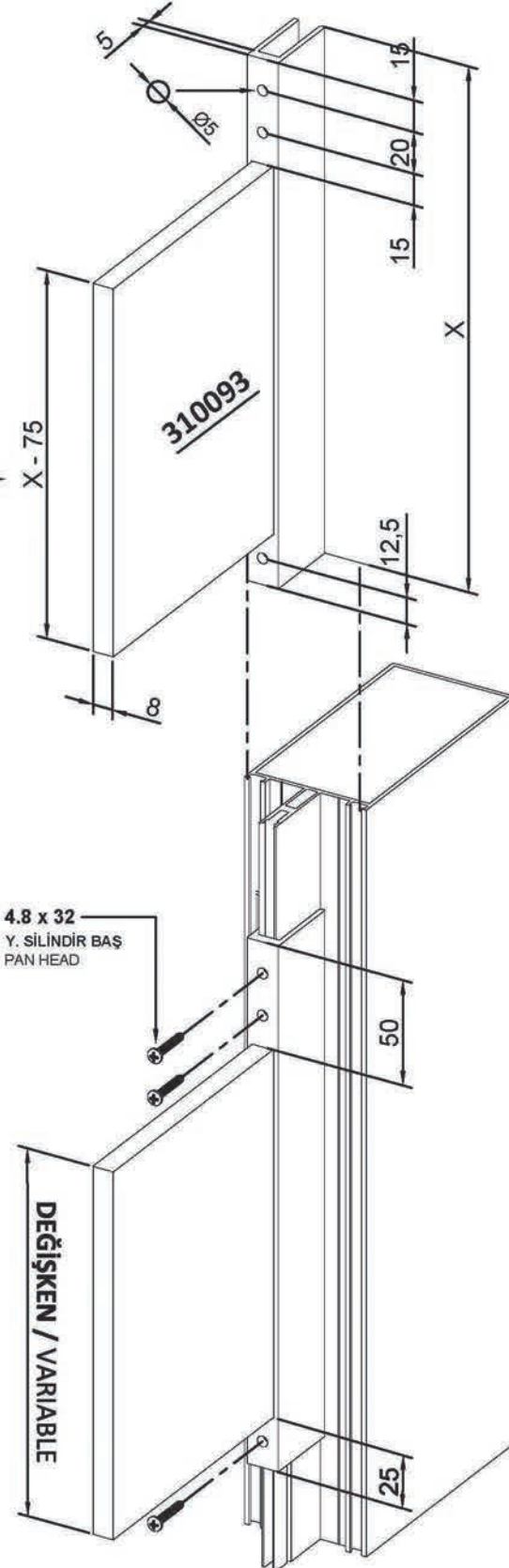
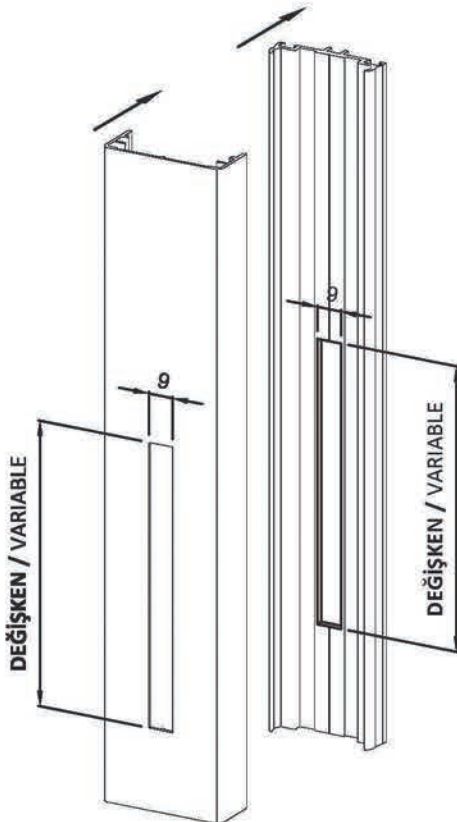
KAPAKLI CEPHEDE G.KIRICI TAŞIYICI APARAT İÇİN BAĞLANTI DETAYI

CARRIER APPARATUS FOR SUNBREAKER CONNECTION DETAIL AT THE CAPPED CURTAIN WALL

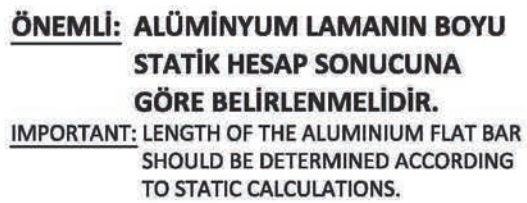


ÖNEMLİ: TAŞIYICI APARATIN UZUNLUĞU (X), ÜZERİNE BAĞLANACAK LAMALARIN GENİŞLİĞİNE VE GÜNEŞ KIRICILARIN UYGULADIĞI TOPLAM AĞIRLIĞA GÖRE HESAPLANMALIDIR.

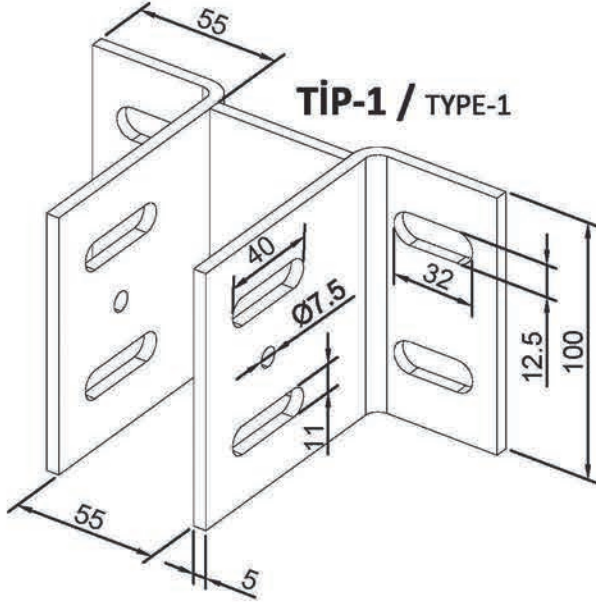
IMPORTANT: LENGTH OF THE CARRIAGE PART SHOULD BE CALCULATED ACCORDING TO THE WIDTH OF THE ALUMINIUM ROD AND THE TOTAL WEIGHT APPLIED FROM THE SUNBREAKERS.



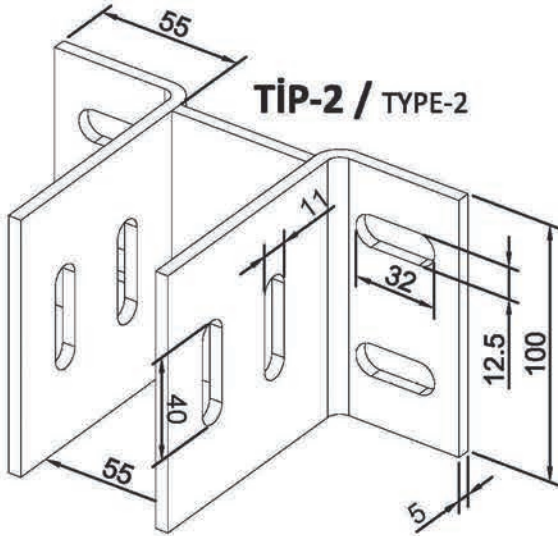
SUNBREAKER CONNECTION DETAIL ABOVE THE CARRIER APPARATUS AT THE FOURSIDED C.WALL



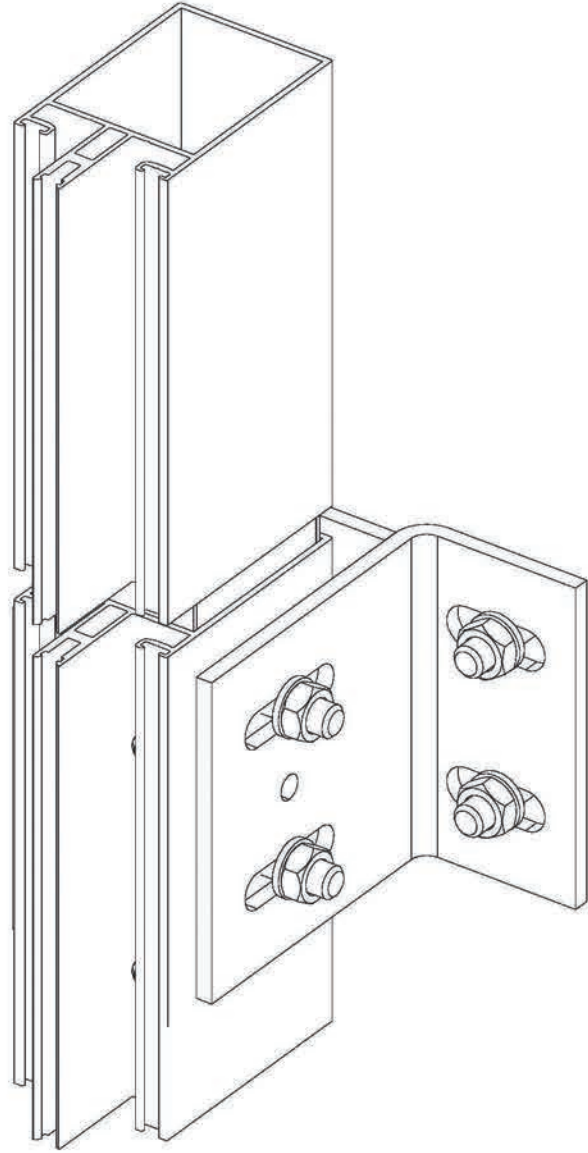
ANKRAJLAR ANCHORAGES



TİP-1 / TYPE-1



TİP-2 / TYPE-2

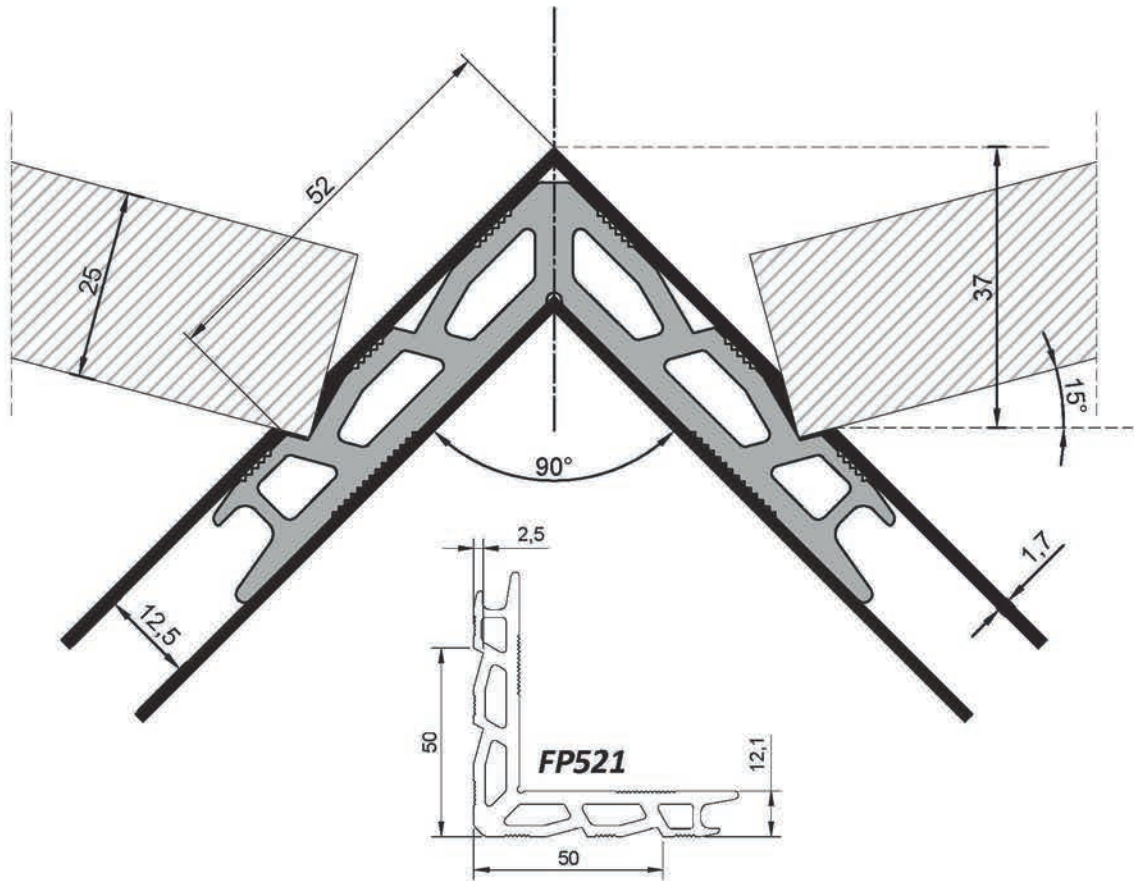
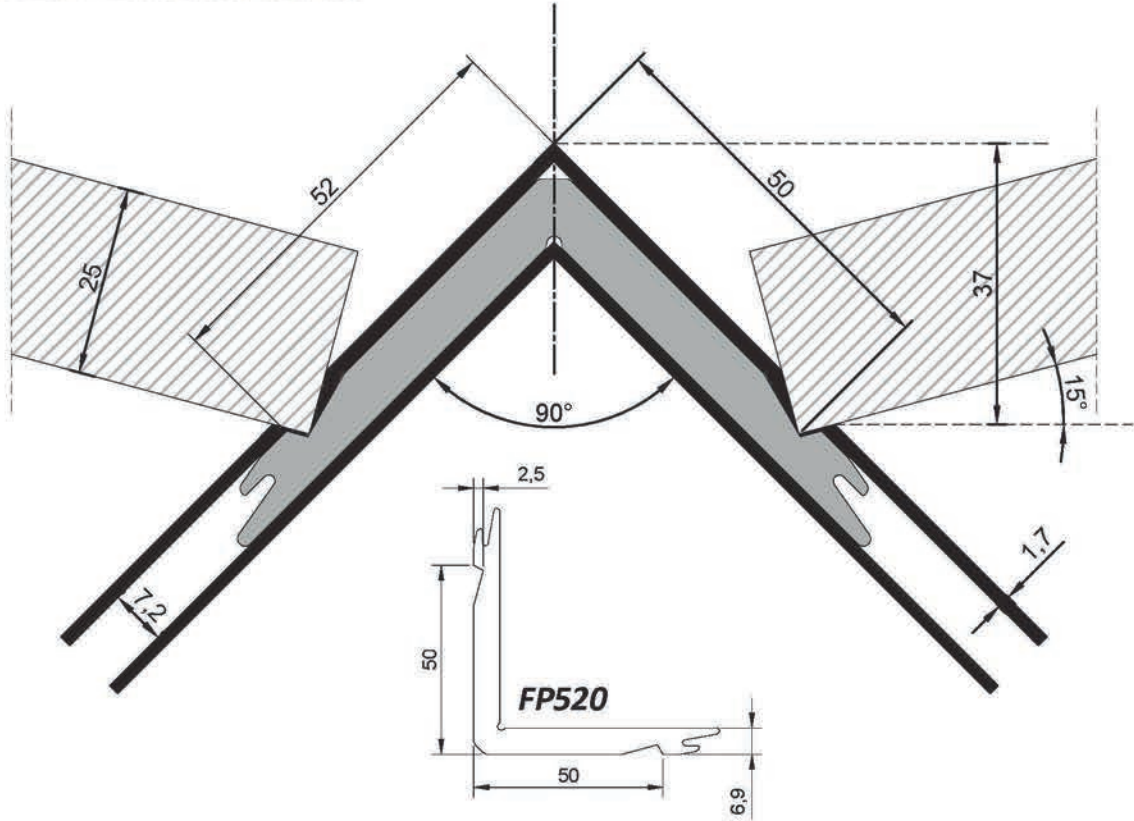


YATAY BAKLALI SABİT ANKRAJ HORIZONTAL MOVABLE FIXED ANCHORAGE		DÜŞEY BAKLALI SABİT ANKRAJ VERTICAL MOVABLE FIXED ANCHORAGE	
	ÜRÜN KODU PRODUCT CODE	BAYRAK UZUNLUĞU (L) EXTENSION LENGTH (L)	ÜRÜN KODU PRODUCT CODE
	360002	80 mm	360007
	360003	100 mm	360008
	360004	120 mm	360009
	360005	150 mm	360010
	360006	200 mm	360011

* BAYRAK UZUNLUKLARI TAŞIYICI DİKME DERİNLİKLERİNE VE YAPININ DÖŞEME ALIN HİZA FARKLARINA GÖRE DEĞİŞMEKTEDİR.
EXTENSION LENGTHS CHANGE ACCORDING TO THE MULLION DEPTH AND FRONT LEVEL DIFFERENCES OF THE FLOOR.

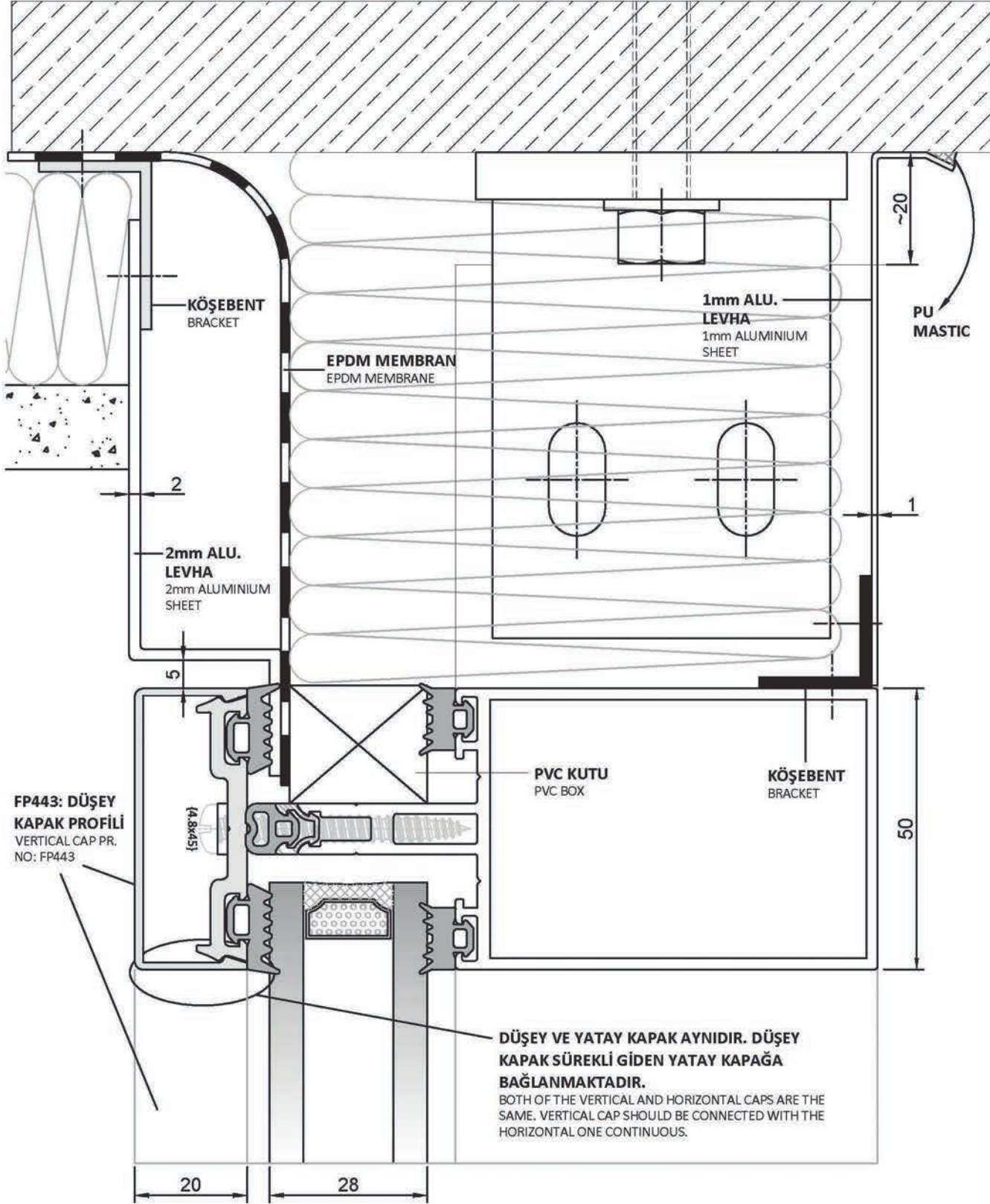
* TÜM ANKRAJLAR DALDIRMA GALVANİZLİDİR.
ALL ANCHORAGES ARE DIP GALVANIZED.

KÖŞE TAKOZU BİRLEŞİM DETAYLARI
CORNER CLEAT CONECTION DETAILS



ÖRNEK CEPHE ÜST BİTİŞ DETAYI

TOP END DETAIL EXAMPLE OF THE CURTAIN WALL



ÖRNEK CEPHE ALT BİTİŞ DETAYI

BOTTOM END DETAIL EXAMPLE OF THE CURTAIN WALL

BU BÖLGEDE DÜŞEY VE YATAY KAPAKLAR AYNIDIR. DÜŞEY KAPAKLAR SÜREKLİ GİDEN YATAY KAPAĞA BAĞLANMAKTADIR.

IN THIS AREA BOTH OF THE VERTICAL AND HORIZONTAL CAPS ARE THE SAME. VERTICAL CAP SHOULD BE CONNECTED WITH THE HORIZONTAL ONE CONTINUOUS.

