



Kaliteyi takip etmiyor kaliteye yön veriyoruz.

Kalite bizim için vazgeçilmezdir.



Akpa Alüminyum 1987 yılında İstanbul'da kurulmuştur. Kuruluşundan bugüne kadar sürekli gelişimi dikkate alan Akpa Alüminyum yurtiçi satışı yanında dünyanın birçok ülkesine ihracat yapmaktadır. Akpa Alüminyum ürünlerini ihraç ettiği ülkelerde Akpa Alüminyum markasının bilinirliğinin artması ve hatırlanan ilk üç marka olmasının yanısıra Türkiye'nin alüminyum sektöründe bir marka olması konusunda öncü bir kuruluştur.

Akpa Alüminyum bütünleşik kalite olgusunu tüm iş yapış şeklinin merkezine yerleşmiştir ve bu kalite felsefesini de CE,EC,TS EN 755-1,TS EN 755-3, TS EN 755-4, TS EN 755-5, TS EN 755-8, TS EN 755-9, TSE 5247, TS EN 12020-1, TSEK- 4922, ISO 9001, Qualicoat, Qualanod, ift. Rosenheim test belgelerine sahip olarak devam ettirmektedir.

Akpa Alüminyum pazarlama satış ve müşteri ilişkileri kapsamındaki faaliyetlerine İstanbul'da bulunan merkez binasında devam ederek müşterilerine hızlı ve etkin hizmet vermektedir. Firmamızın merkez ofisi pazarlama-satış noktası Çağlayan'da siz değerli müşterilerimize alüminyum profil, alüminyum ve plastik aksesuarları sektörümüzle ilgili makine ve hırdavat satışıyla hizmet vermektedir. Müşterilerimize tek noktada tüm ihtiyaçlarını karşılamak amacıyla yurtiçi ve yurtdışında bulunan, sektörde öncü firmaların bayilik ve yetkili distribütörlüğünü de yapmaktayız.



# AKPA®

## 30.yıl

1987'den bugüne kadar alüminyum...



Alüminyum profil üretimi, alüminyum bilet üretimi, alüminyum kompozit panel üretimi, alüminyum-plastik aksesuar satışı şirketin başlıca faaliyet alanlarıdır. Akpa Alüminyum bünyesinde çalışan 700 kişi ile ekonomimize destek vermek başlıca amaçlarımızdandır. Müşterilerimizin tek noktada tüm ihtiyaçlarını karşılamak için konusunda uzman ve tecrübeli pazarlama ekibimiz görev yapmaktadır. Akpa ailesi müşterilerinin; ürün kalitesi ve performans beklentilerini, yenilikçi anlayışıyla sürekli geliştirerek, müşteri memnuniyetlerini arttırmayı ilke edinmiştir. Şirket ve çalışanları ile büyük bir aile olan Akpa Alüminyum; vizyonunu geliştiren alanlara, teknolojik ar-ge'si, güveni, kalitesi ve asla misyonundan taviz vermeden, dünyadaki tüm yeniliklere ayak uydurarak, her yıl genişleyen ihracatıyla da, sektörde dünyadaki önemli firmalardan biridir.

- 80 000 m<sup>2</sup> alan üzerine kurulu,
- 30 000 ton/yıl kapasiteli, Beş adet ekstrüzyon pres,
- 18 000 ton/yıl kapasiteli eloksal tesis,
- 15 000 ton/yıl kapasiteli dikey toz boyama tesisleri,
- 1500 ton/yıl kapasiteli ahşap transfer boya ünitesi,
- 4.500.000 m<sup>2</sup>/yıl Alüminyum kompozit panel üretim tesisi bulunmaktadır.



**ALÜMİNYUM PROFİLLERİN GENEL TEKNİK ŞARTNAMESİ**

| SIRA NO | KATSAYILAR                                                          | DEĞERİ    | BİRİMİ                                  |
|---------|---------------------------------------------------------------------|-----------|-----------------------------------------|
| 1.      | Özgöl Ağırlık                                                       | 2.71      | gr / cm <sup>3</sup>                    |
| 2.      | Kullanılan Billet                                                   | AlMgSi0.5 | DIN - Almanya                           |
|         |                                                                     | 6063      | BS - İngiltere                          |
|         |                                                                     | 60        | ETIAL - Türkiye                         |
| 3.      | Genleşme Katsayısı                                                  | 23.4      | 20 - 100 C°                             |
| 4.      | Elastisite Modülü                                                   | 6,89      | GPa                                     |
| 5.      | Çekme Mukavemeti                                                    | 215       | ( 24 C de MPa )                         |
| 6.      | Uzama                                                               | % 6       | Delta L / L * 100<br>( 50 mm uzunlukta) |
| 7.      | Sertlik                                                             | 70        | Brinell ( HB )                          |
| 8.      | Akma Mukavemeti                                                     | 170       | MPa                                     |
| 9.      | Kesme Mukavemeti                                                    | 130       | MPa                                     |
| 10.     | Boyanın Kalınlığı                                                   | > 60      | Micron                                  |
| 11.     | Eloksal Kalınlığı                                                   | > 10      | Micron                                  |
|         | (Eloksal kalınlığı isteğe bağlı olarak 25 micron'a kadar çıkabilir. |           |                                         |

Boyalı profillerde, kesitlere göre birim ağırlık % 2 ~4 nispetinde artar. Mekanik özellikler T6 temperi için verilmiştir.

**EN AW-6063 ALAŞIMIN KİMYASAL BİLEŞİMİ**

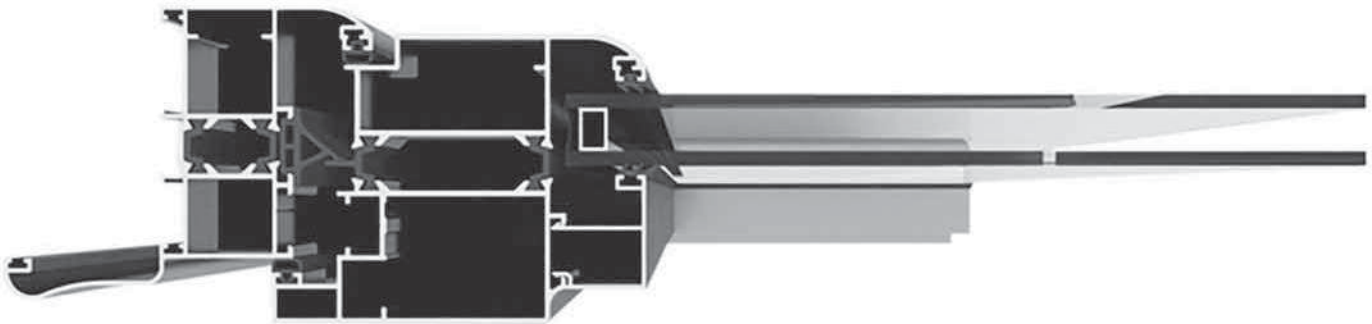
| Element | Si   | Fe   | Cu   | Mn   | Mg   | Zn   | Ti   | Cr   | Diğer Elementler |        |
|---------|------|------|------|------|------|------|------|------|------------------|--------|
|         |      |      |      |      |      |      |      |      | Herbiri          | Toplam |
| Min.    | 0.20 | -    | -    | -    | 0.45 | -    | -    | -    | -                | -      |
| Max.    | 0.60 | 0.35 | 0.10 | 0.10 | 0.90 | 0.10 | 0.10 | 0.10 | 0.05             | 0.15   |

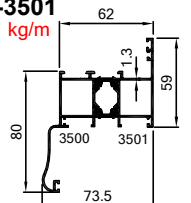
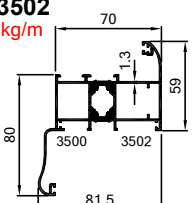
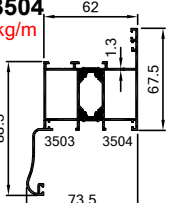
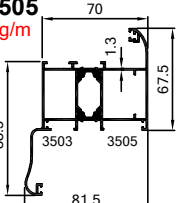
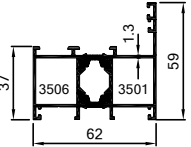
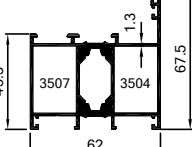
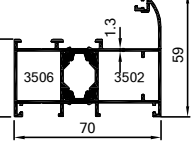
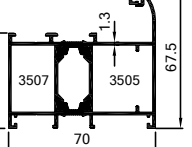
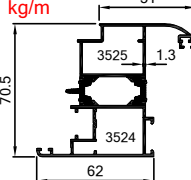
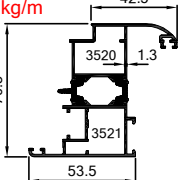
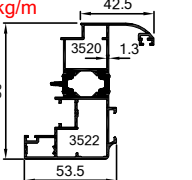
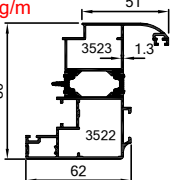
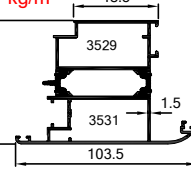
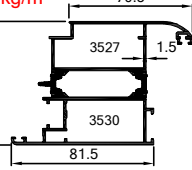
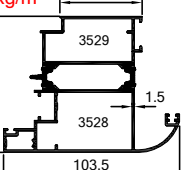
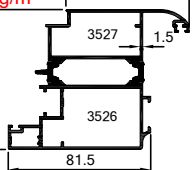
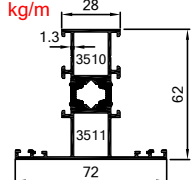
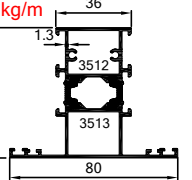
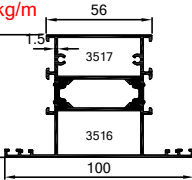
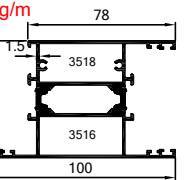
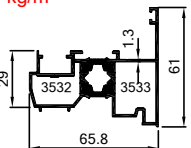
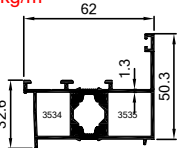
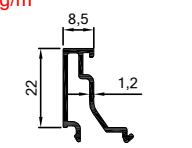
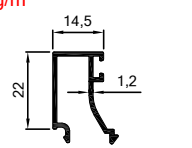
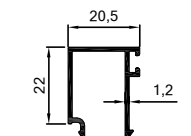
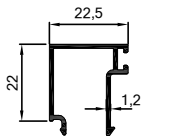
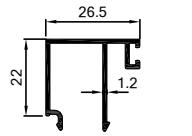
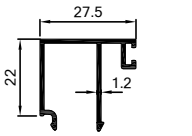
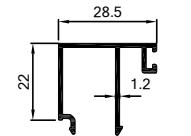
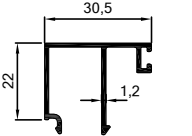
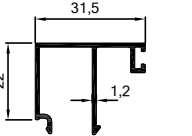
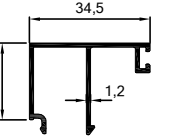
## Teknik Özellikler;

- Mimari stillere cevap verebilen geniş profil seçeneği
- PVC ve ahşap sistemlerin çift eksen, kaldır&sür vb. açılım mekanizmalarını kullanma imkanı
- 20 mm ve 24 mm poliamit yalıtım köprüsü seçeneğiyle mükemmel yalıtım
- 62 mm'lik kasa üzerinde 80 mm kanat genişliği
- 37 mm kalınlığa kadar cam uygulama imkanı

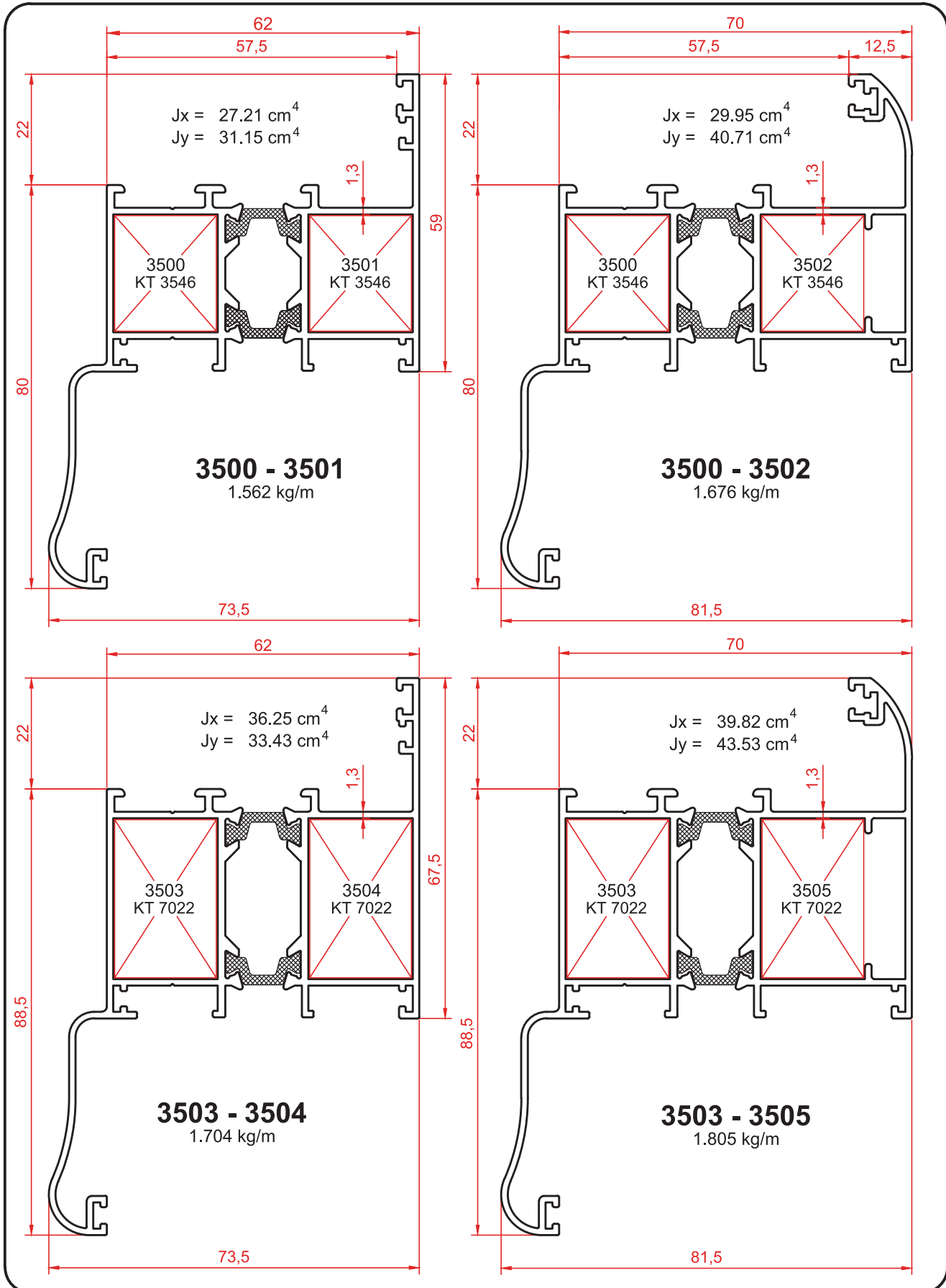


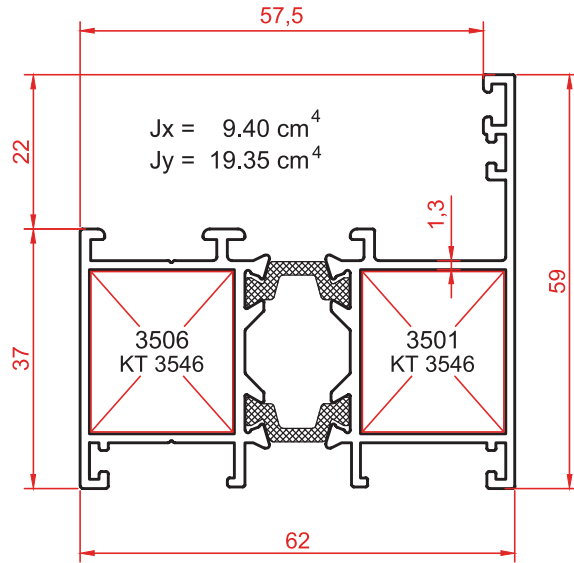
- The wide profile options that are responsive architectural styles,
- Double system of PVC and wooden axes, put & take and so on.
- The possibility of using the mechanisms of evolution
- 20 mm and 24 mm excellent insulation with polyamide insulating bridge options
- 62 mm 80 mm wingspan on like safe
- Glass applications at up to 37 mm thickness



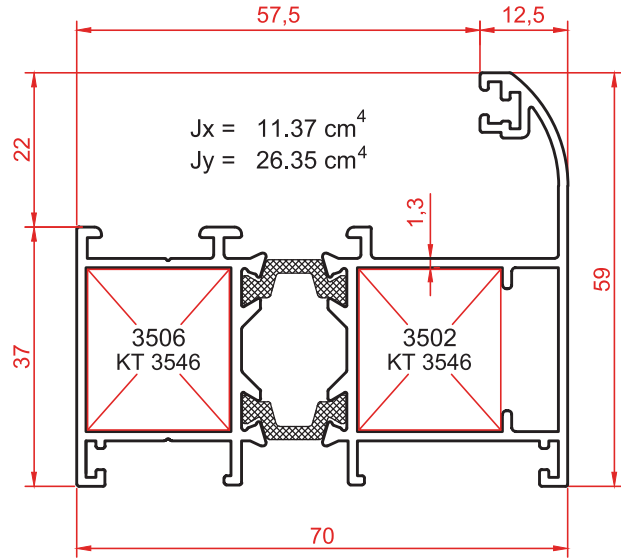
|                                                                                                                       |                                                                                                                       |                                                                                                                        |                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>3500-3501</b><br>1.562 kg/m<br>   | <b>3500-3502</b><br>1.676 kg/m<br>   | <b>3503-3504</b><br>1.691 kg/m<br>   | <b>3503-3505</b><br>1.805 kg/m<br>   |
| <b>3506-3501</b><br>1.325 kg/m<br>   | <b>3504-3507</b><br>1.454 kg/m<br>   | <b>3506-3502</b><br>1.439 kg/m<br>   | <b>3505-3507</b><br>1.568 kg/m<br>   |
| <b>3524-3525</b><br>1.629 kg/m<br>   | <b>3520-3521</b><br>1.504 kg/m<br>   | <b>3519-3520</b><br>1.693 kg/m<br>   | <b>3522-3523</b><br>1.820 kg/m<br>   |
| <b>3529-3531</b><br>2.132 kg/m<br>  | <b>3527-3530</b><br>2.132 kg/m<br>  | <b>3528-3529</b><br>2.351 kg/m<br>  | <b>3526-3527</b><br>2.335 kg/m<br>  |
| <b>3510-3511</b><br>1.318 kg/m<br> | <b>3512-3513</b><br>1.502 kg/m<br> | <b>3516-3517</b><br>1.953 kg/m<br> | <b>3516-3518</b><br>2.074 kg/m<br> |
| <b>3532-3533</b><br>1.342 kg/m<br> | <b>3534-3535</b><br>1.165 kg/m<br> | <b>1948</b><br>0.239 kg/m<br>      | <b>1698</b><br>0.256 kg/m<br>      |
| <b>1699</b><br>0.268 kg/m<br>      | <b>1745</b><br>0.278 kg/m<br>      | <b>1949</b><br>0.313 kg/m<br>      | <b>2236</b><br>0.316 kg/m<br>      |
| <b>1966</b><br>0.319 kg/m<br>      | <b>3636</b><br>0.327 kg/m<br>      | <b>3536</b><br>0.331 kg/m<br>      | <b>1747</b><br>0.341 kg/m<br>      |



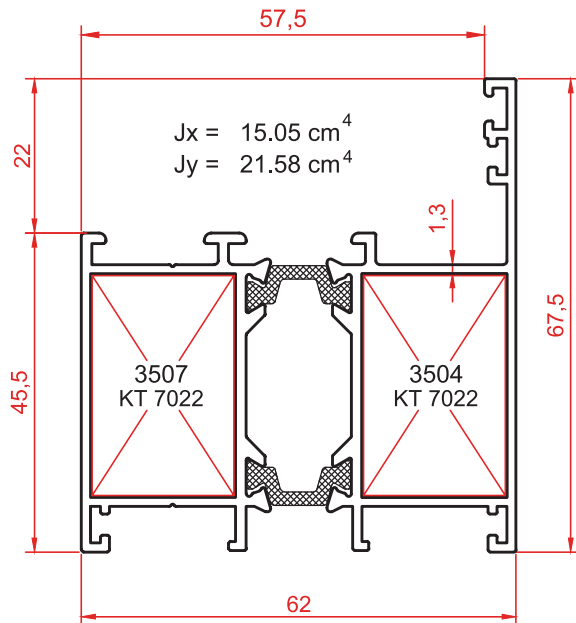




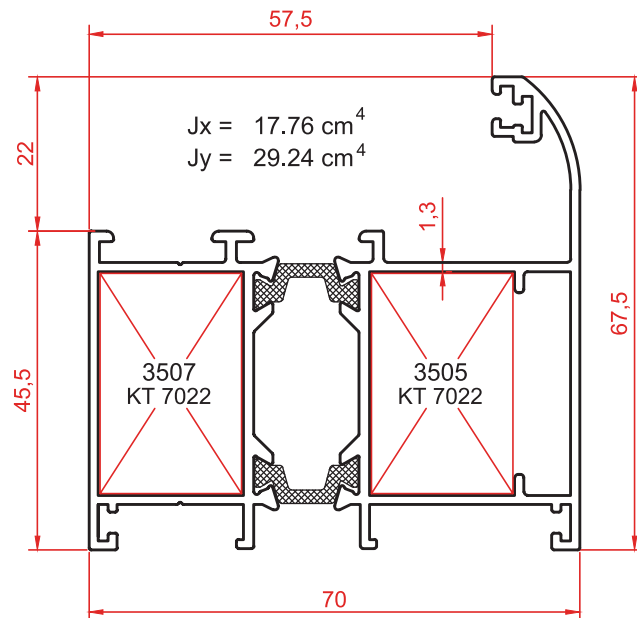
**3506 - 3501**  
1.325 kg/m



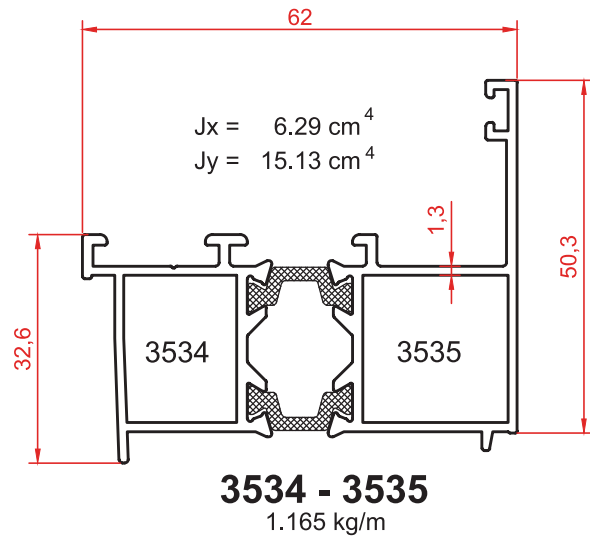
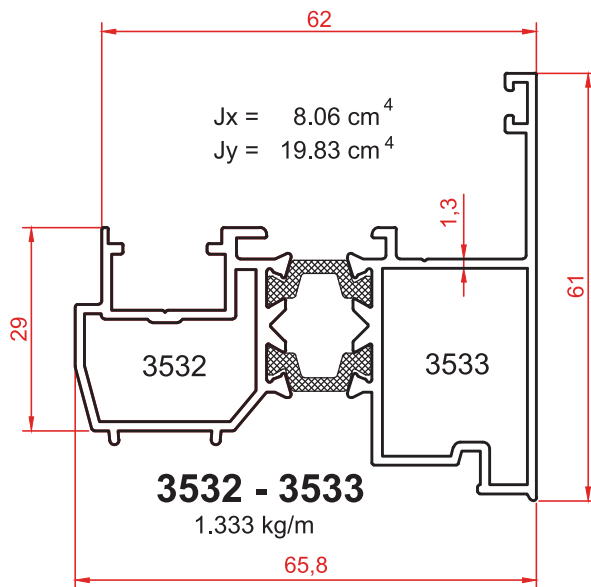
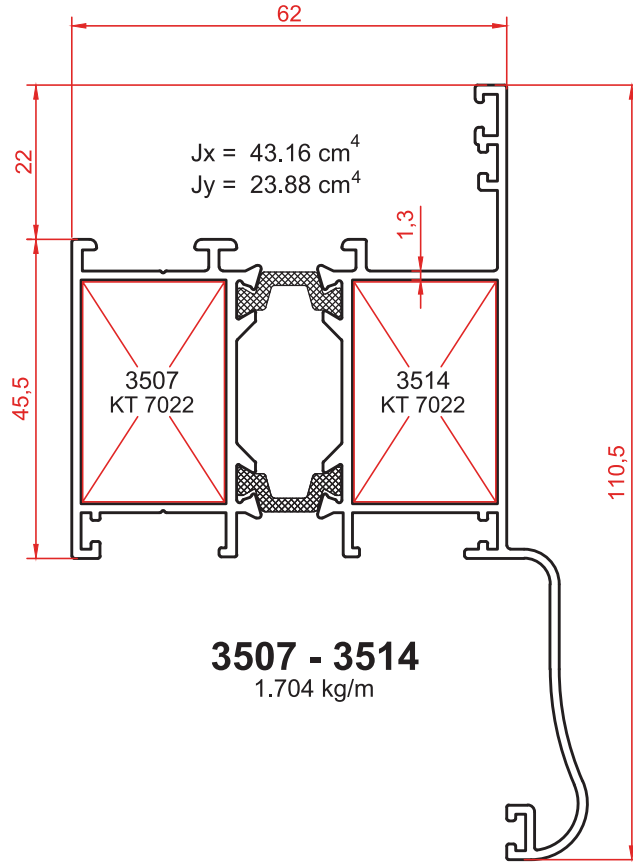
**3506 - 3502**  
1.439 kg/m

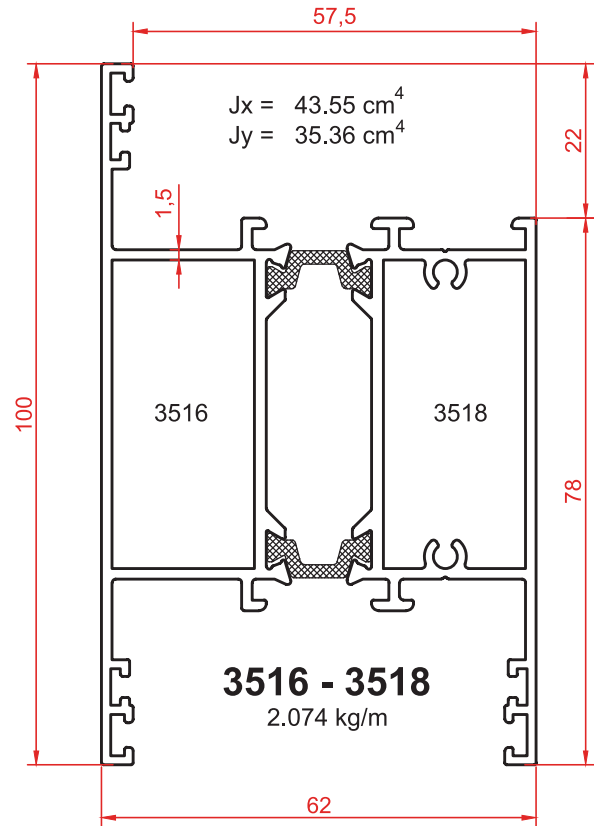
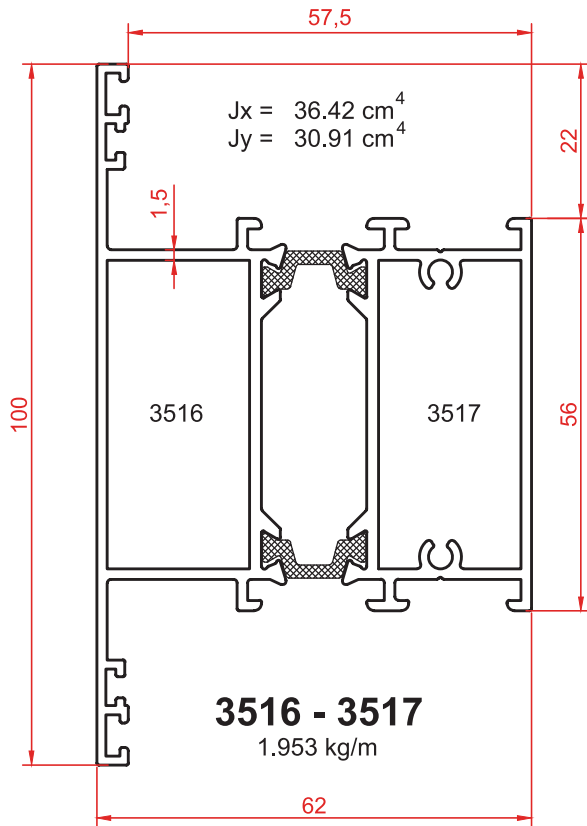
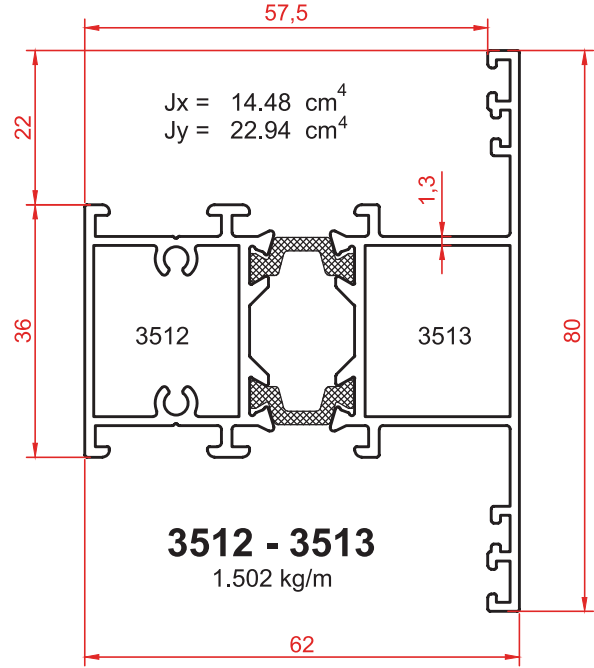
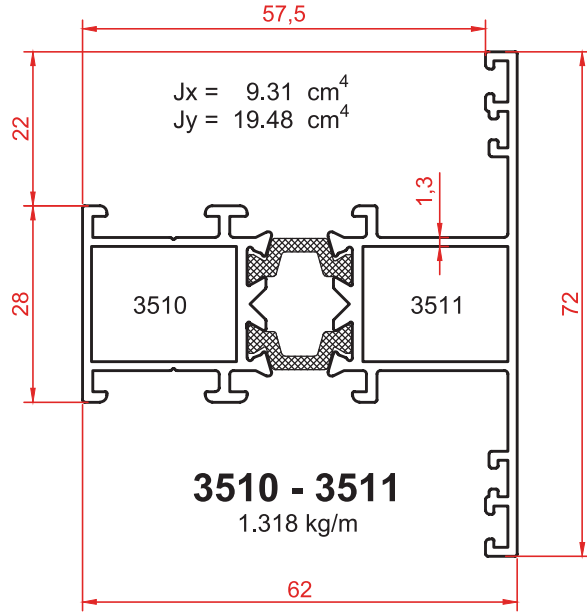


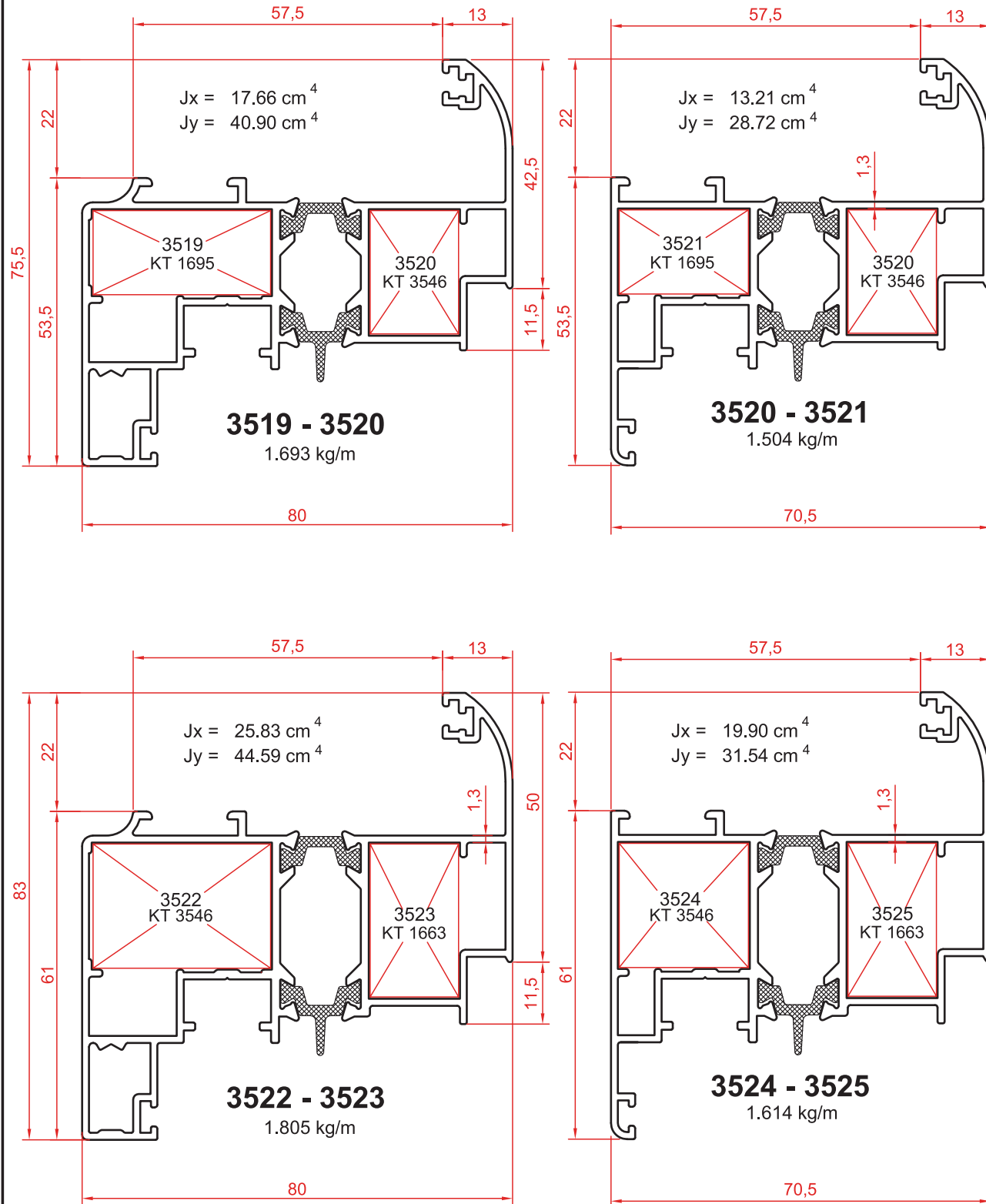
**3507 - 3504**  
1.454 kg/m

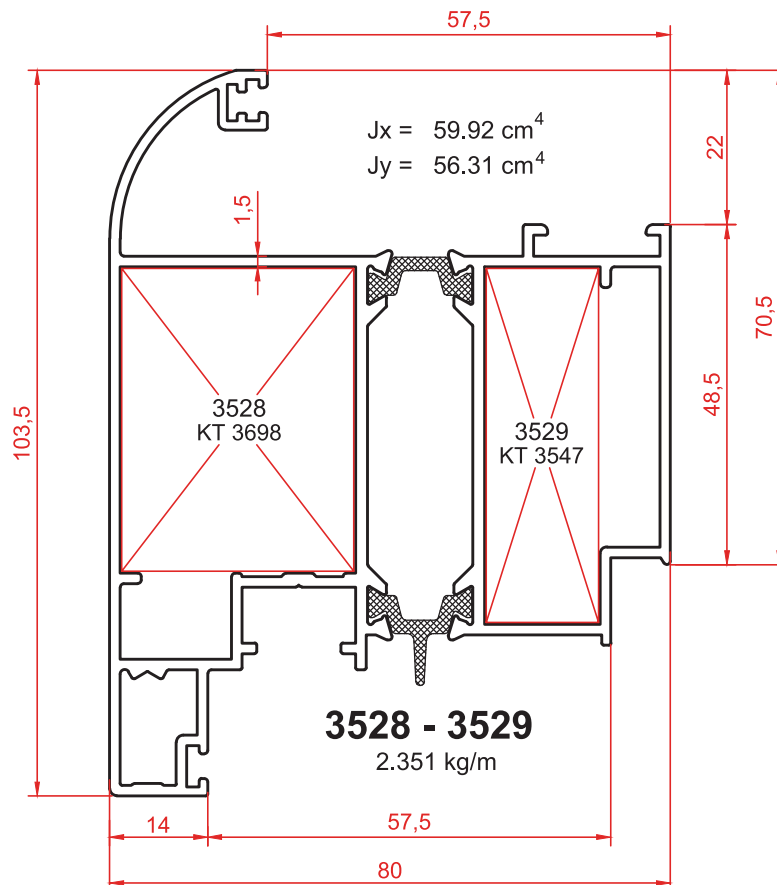
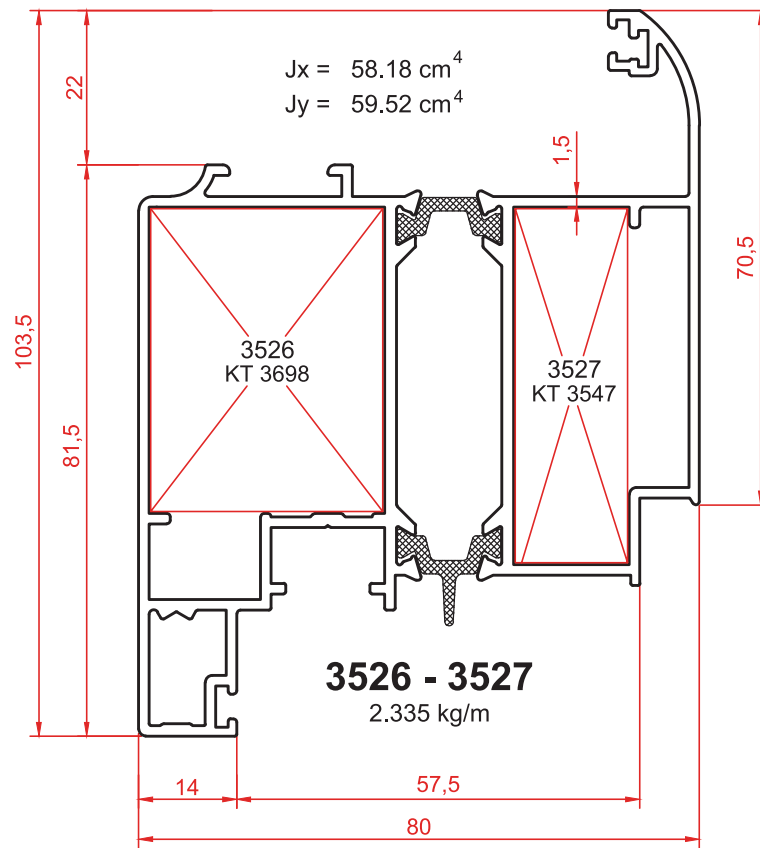


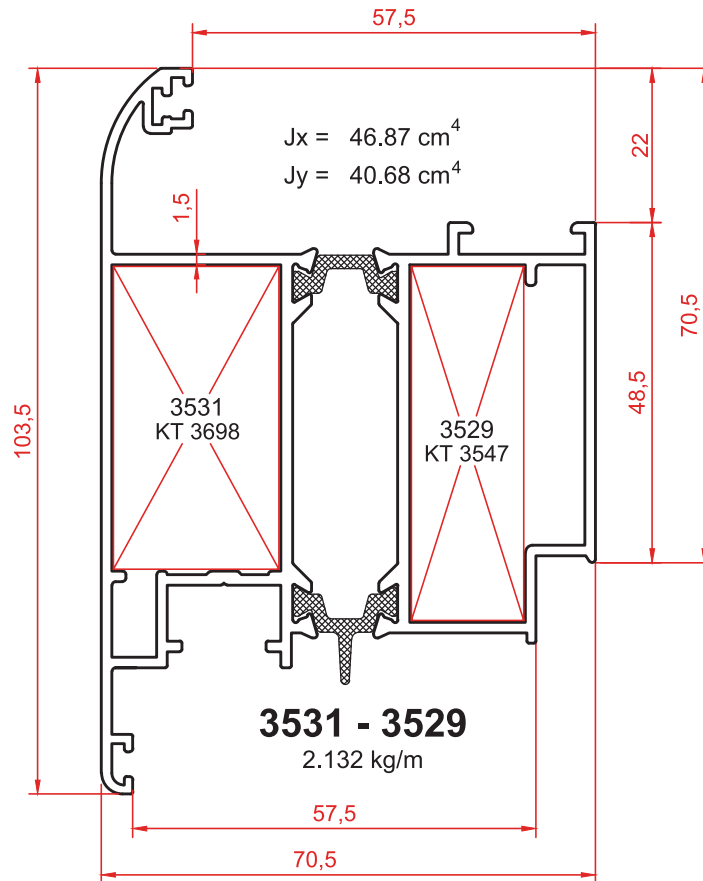
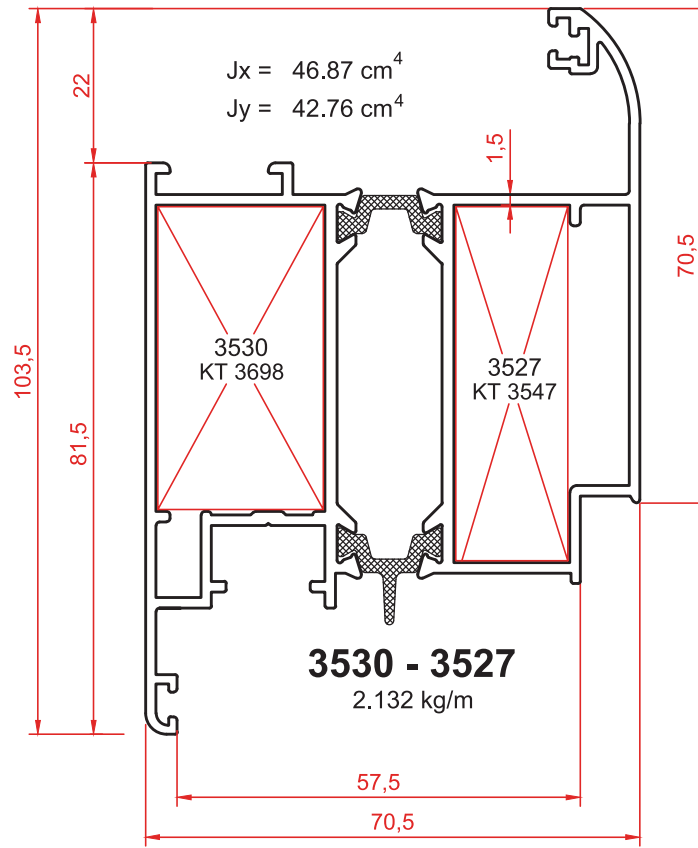
**3507 - 3505**  
1.568 kg/m

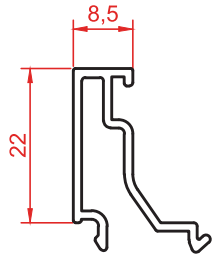




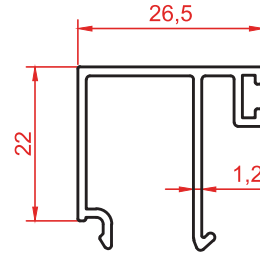
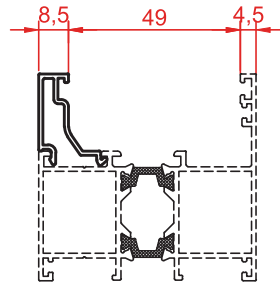




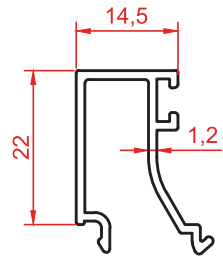
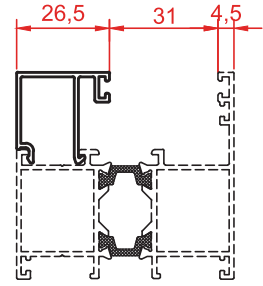




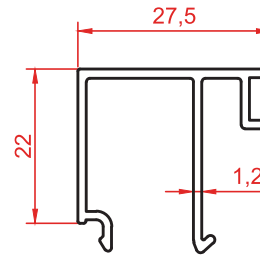
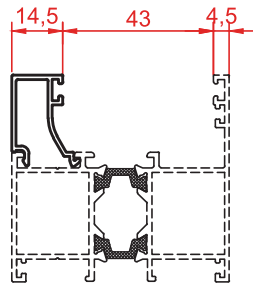
**1948**  
0.239 kg/m



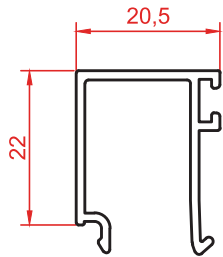
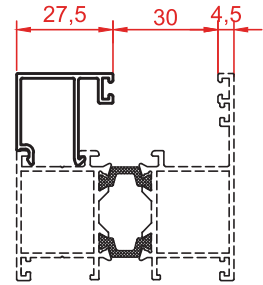
**1949**  
0.313 kg/m



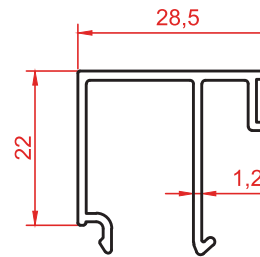
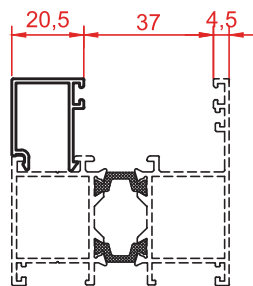
**1698**  
0.256 kg/m



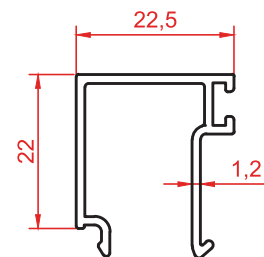
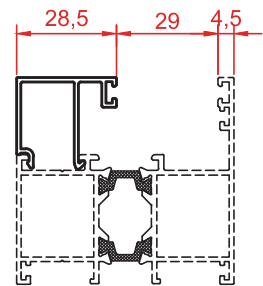
**2236**  
0.316 kg/m



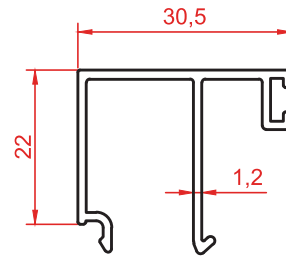
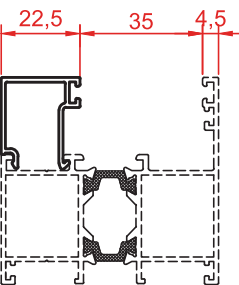
**1699**  
0.268 kg/m



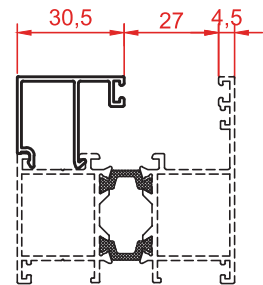
**1966**  
0.320 kg/m

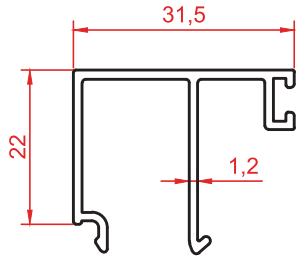


**1745**  
0.279 kg/m

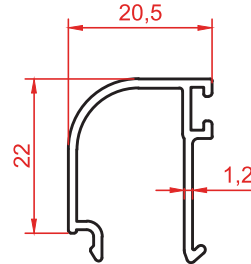
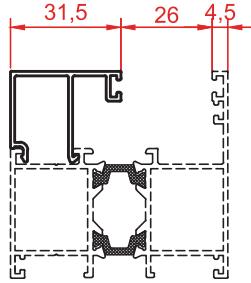


**3636**  
0.327 kg/m

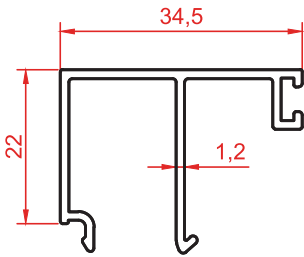
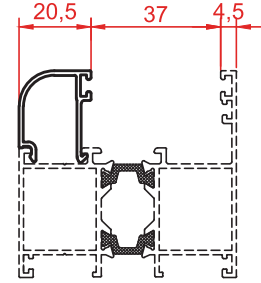




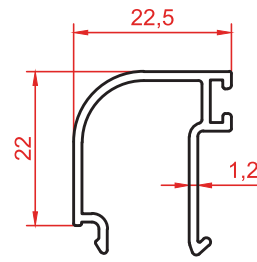
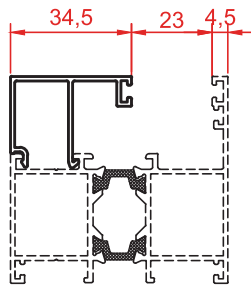
**3536**  
0.331 kg/m



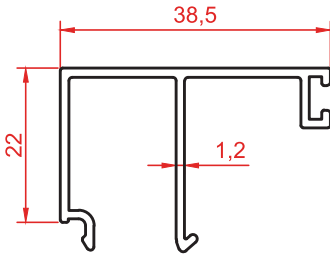
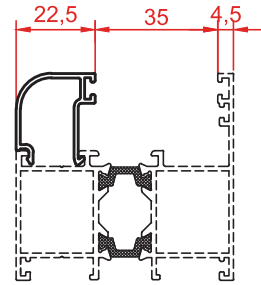
**5546**  
0.255 kg/m



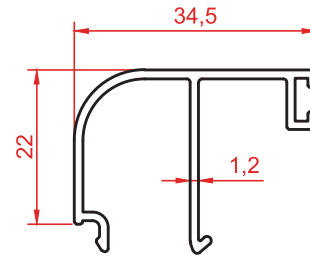
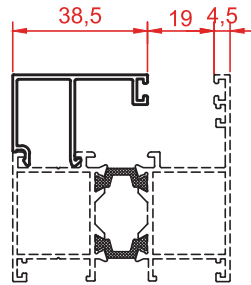
**1747**  
0.341 kg/m



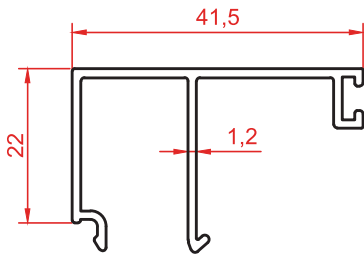
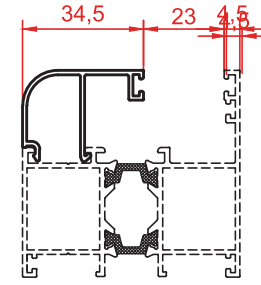
**1746**  
0.266 kg/m



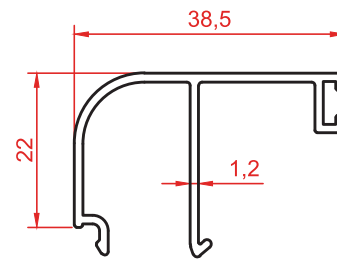
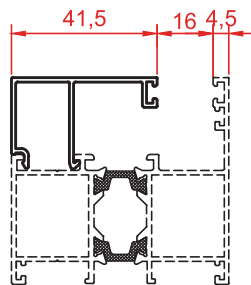
**1749**  
0.355 kg/m



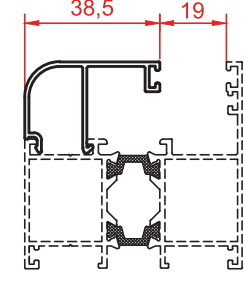
**1748**  
0.327 kg/m



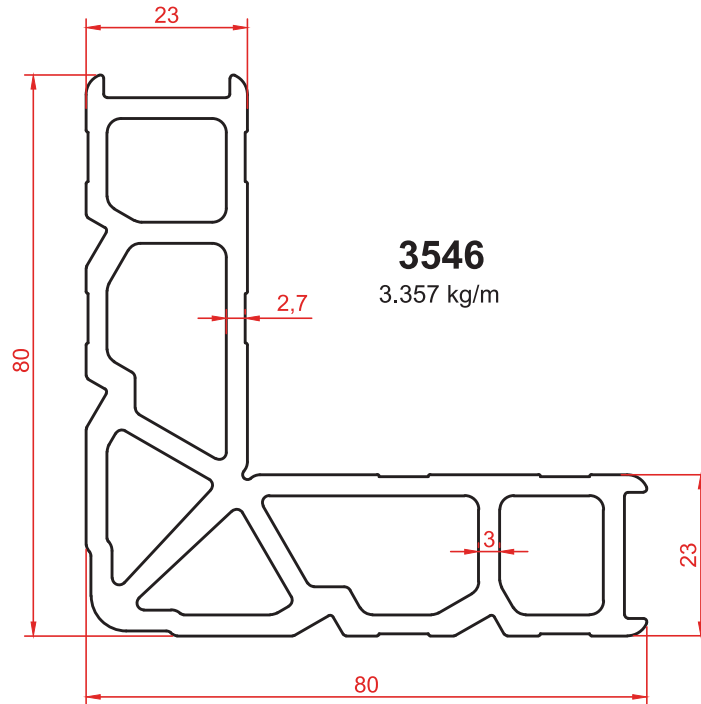
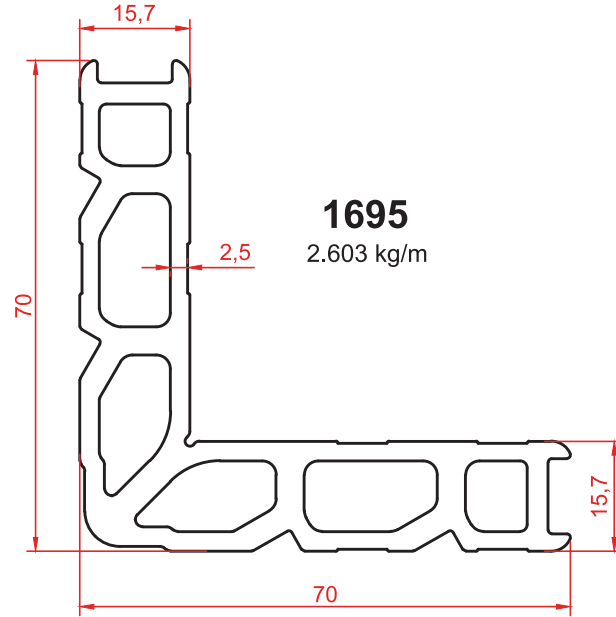
**3537**  
0.365 kg/m

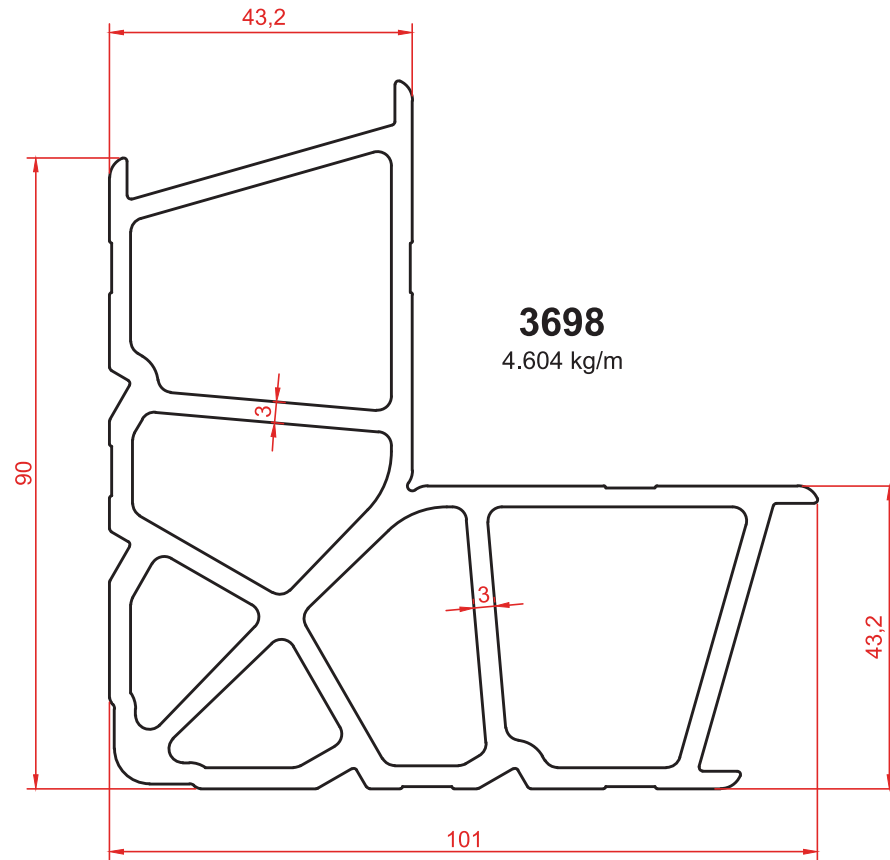
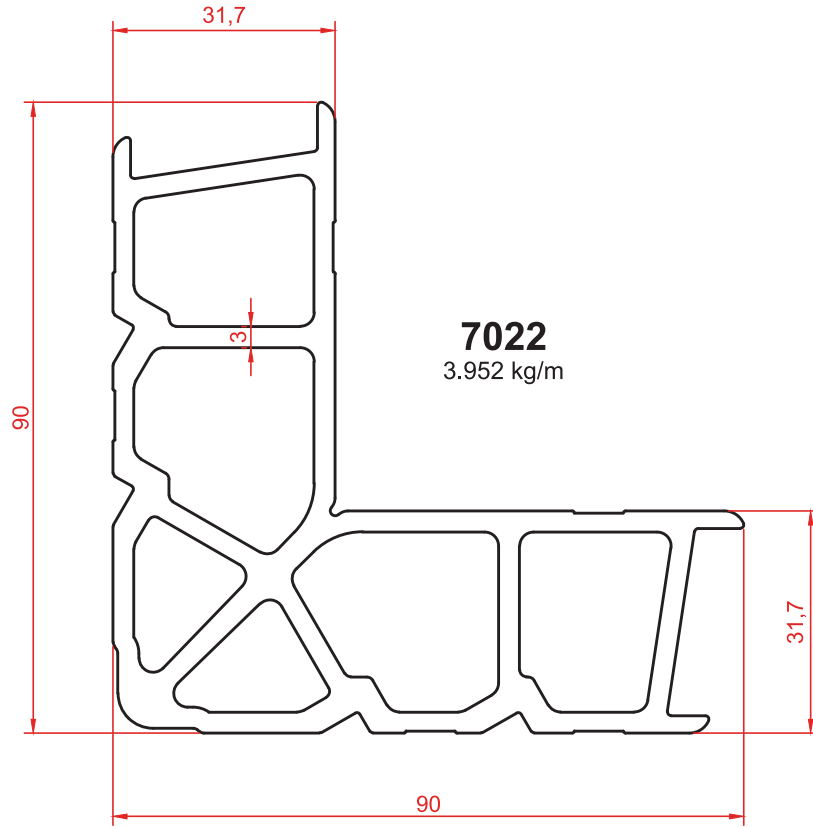


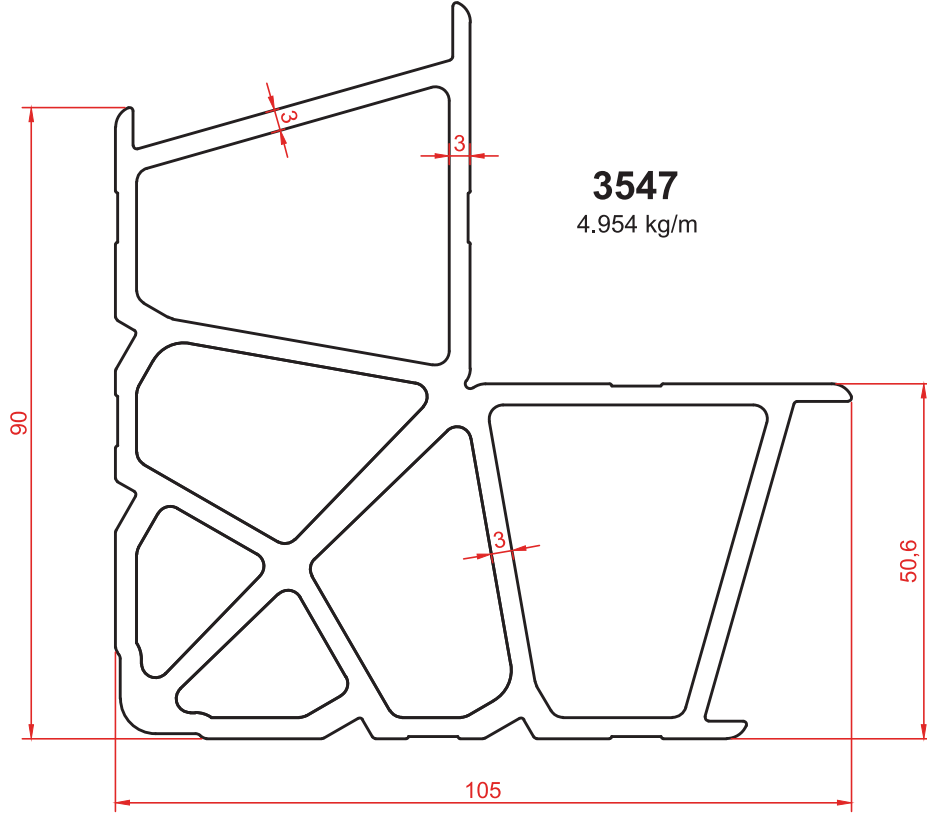
**1750**  
0.341 kg/m

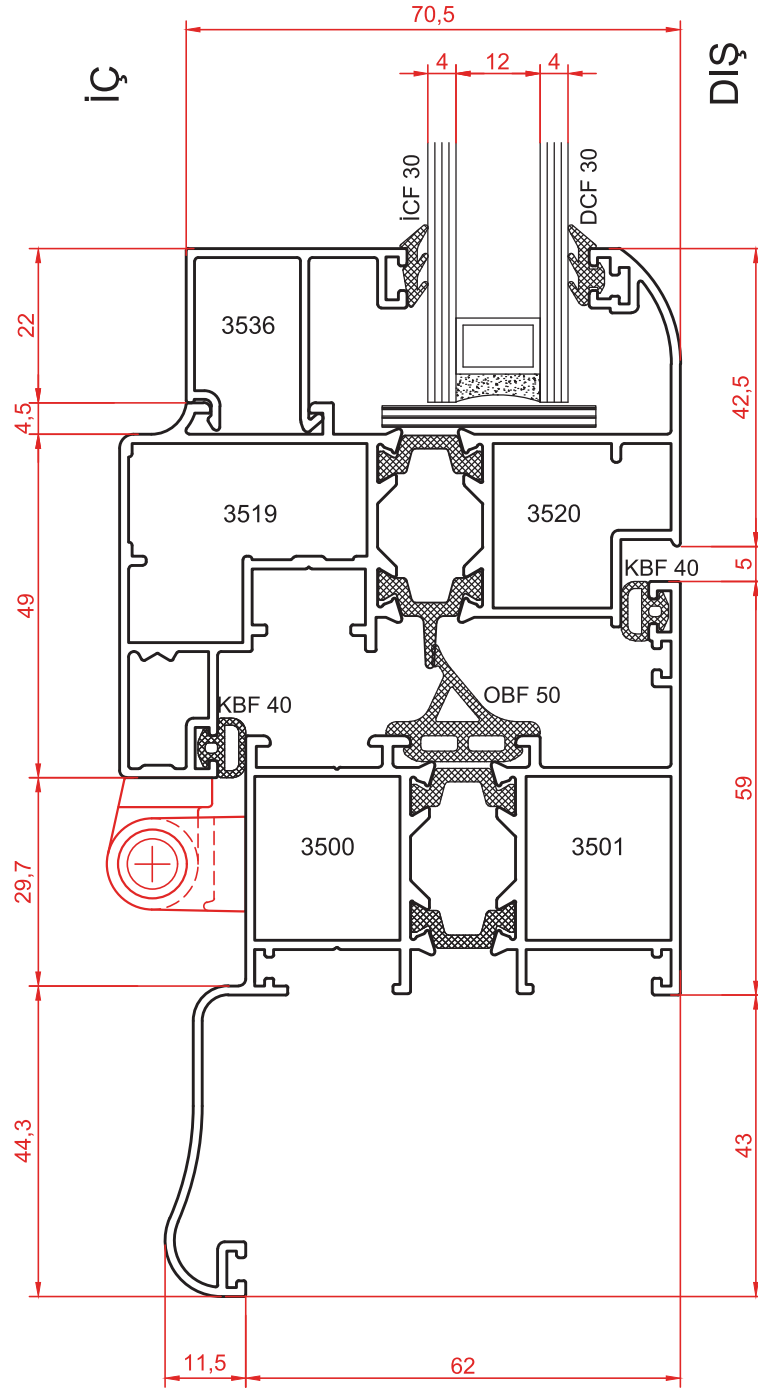


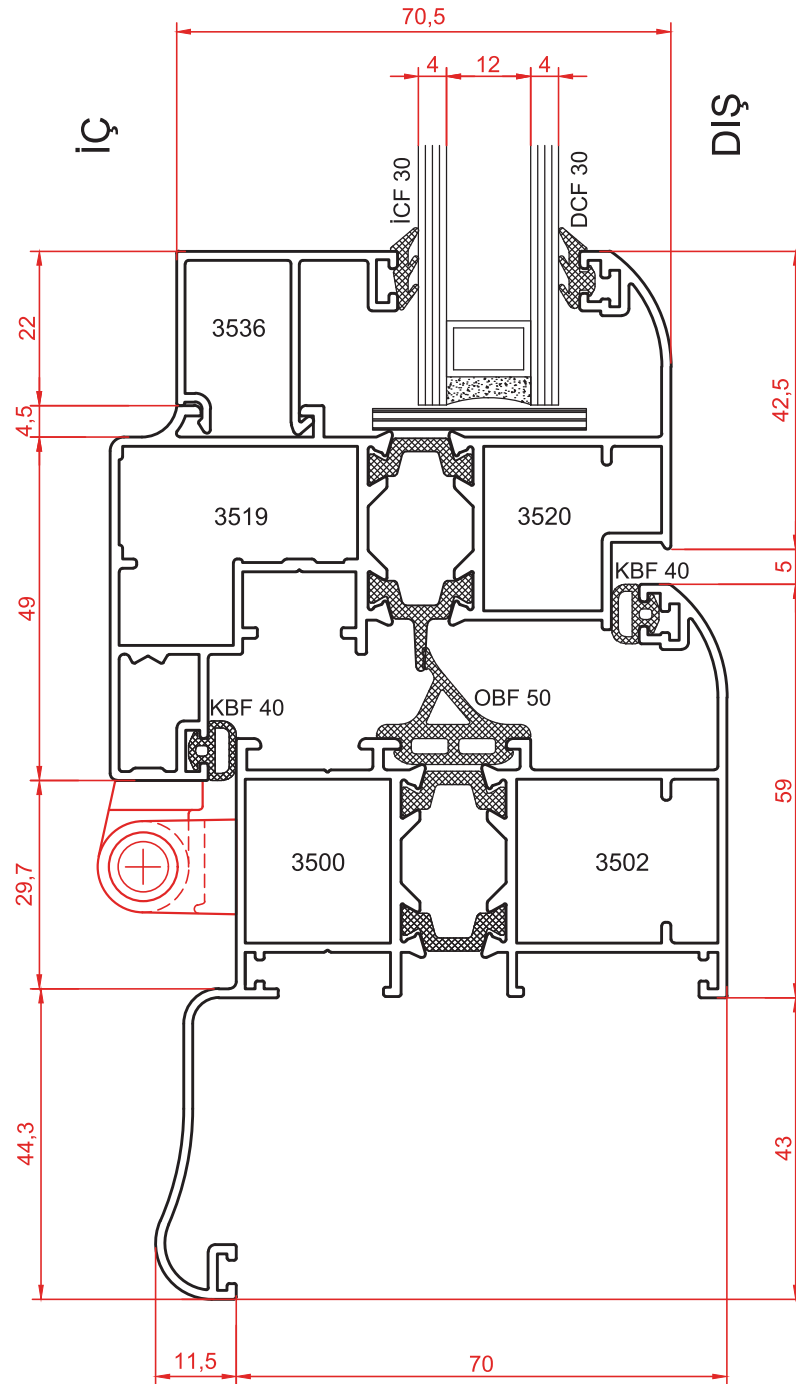
| CAM KALINLIĞI (mm) | CAM ÇİTASI  | İÇ CAM FİTİLİ (mm) | DIŞ CAM FİTİLİ (mm) |
|--------------------|-------------|--------------------|---------------------|
| 8                  | 3537        | İCF 50             | DCF 30              |
| 9                  | 3537        | İCF 40             |                     |
| 10                 | 3537        | İCF 30             |                     |
| 11                 | 1749        | İCF 50             |                     |
|                    | 1750        |                    |                     |
| 12                 | 1749        | İCF 40             |                     |
|                    | 1750        |                    |                     |
| 13                 | 1749        | İCF 30             |                     |
|                    | 1750        |                    |                     |
| 15                 | 1747        | İCF 50             |                     |
|                    | 1748        |                    |                     |
| 16                 | 1747        | İCF40              |                     |
|                    | 1748        |                    |                     |
| 17                 | 1747        | İCF30              |                     |
|                    | 1748        |                    |                     |
| 18                 | 3536        | İCF 50             |                     |
| 19                 | 3536        | İCF40              |                     |
|                    | 3636        | İCF50              |                     |
| 20                 | 3536        | İCF30              |                     |
|                    | 3636        | İCF40              |                     |
| 21                 | 1966        | İCF50              |                     |
|                    | 3636        | İCF30              |                     |
| 22                 | 1966        | İCF40              |                     |
|                    | 2236        | İCF50              |                     |
| 23                 | 1966        | İCF30              |                     |
|                    | 2236        | İCF40              |                     |
|                    | 1949        | İCF50              |                     |
| 24                 | 1949        | İCF40              |                     |
|                    | 2236        | İCF30              |                     |
| 25                 | 1949        | İCF 30             |                     |
| 27                 | 1745        | İCF50              |                     |
|                    | 1746        | İCF50              |                     |
| 28                 | 1745        | İCF40              |                     |
|                    | 1746        | İCF40              |                     |
| 29                 | 1745        | İCF30              |                     |
|                    | 1746        | İCF30              |                     |
|                    | 1699 - 5546 | İCF50              |                     |
| 30                 | 1699 - 5546 | İCF 40             |                     |
| 31                 | 1699 - 5546 | İCF 30             |                     |
| 35                 | 1698        | İCF 50             |                     |
| 36                 | 1698        | İCF 40             |                     |
| 37                 | 1698        | İCF 30             |                     |
| 41                 | 1948        | İCF 50             |                     |
| 42                 | 1948        | İCF 40             |                     |
| 43                 | 1948        | İCF 30             |                     |

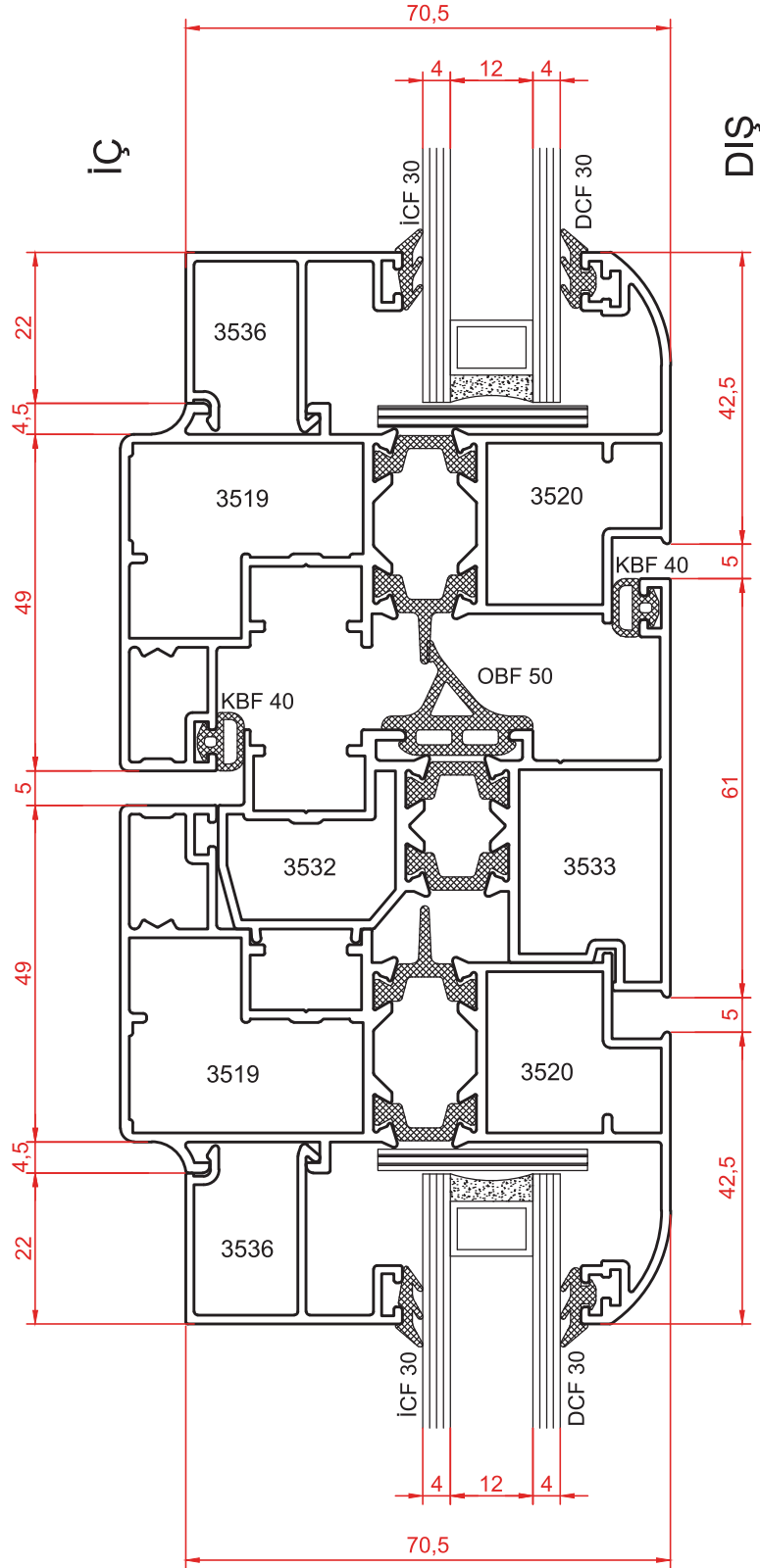


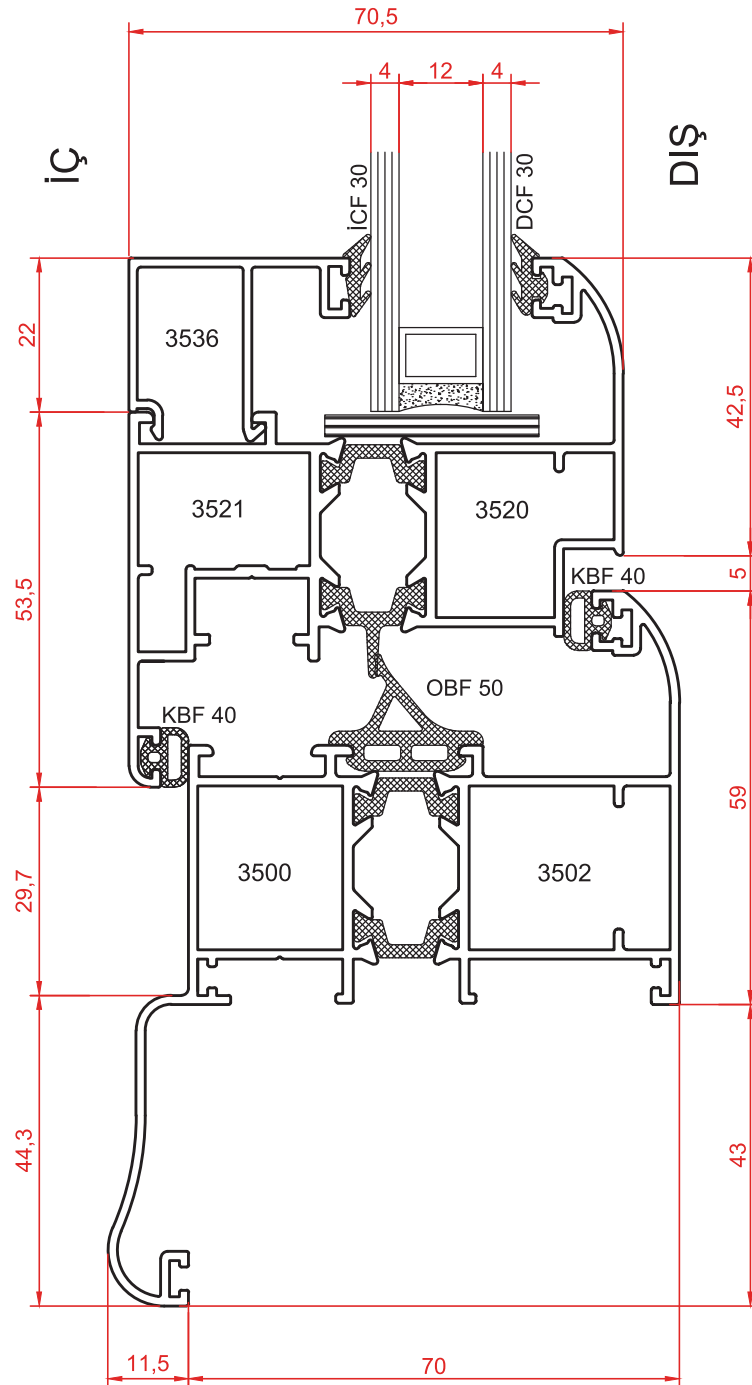


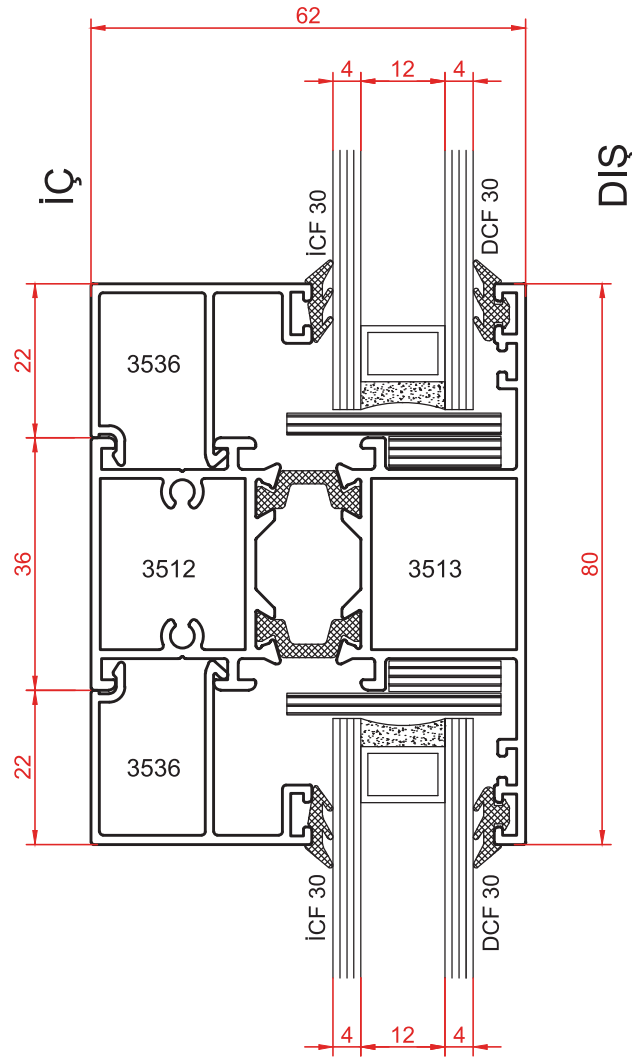


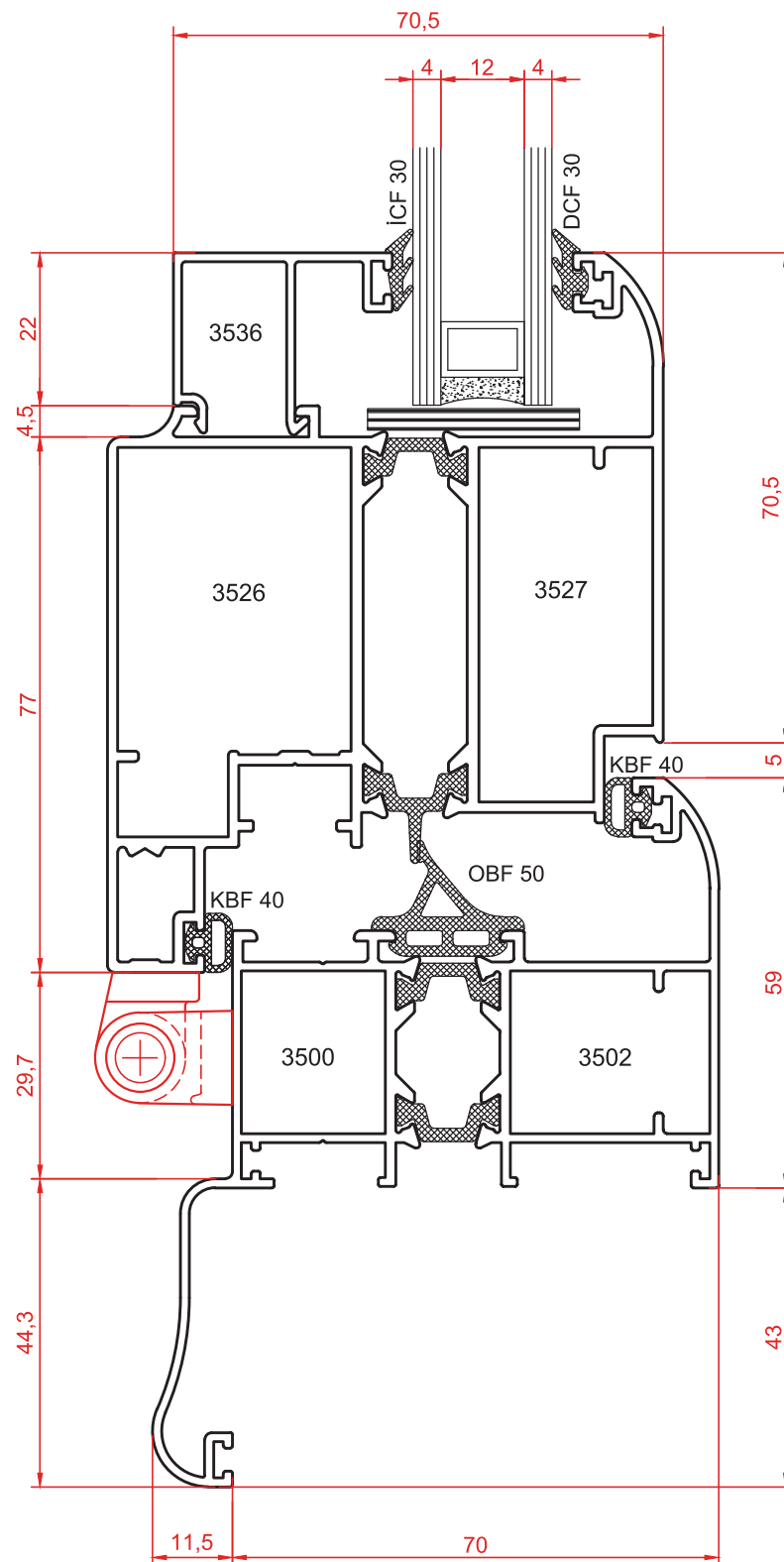


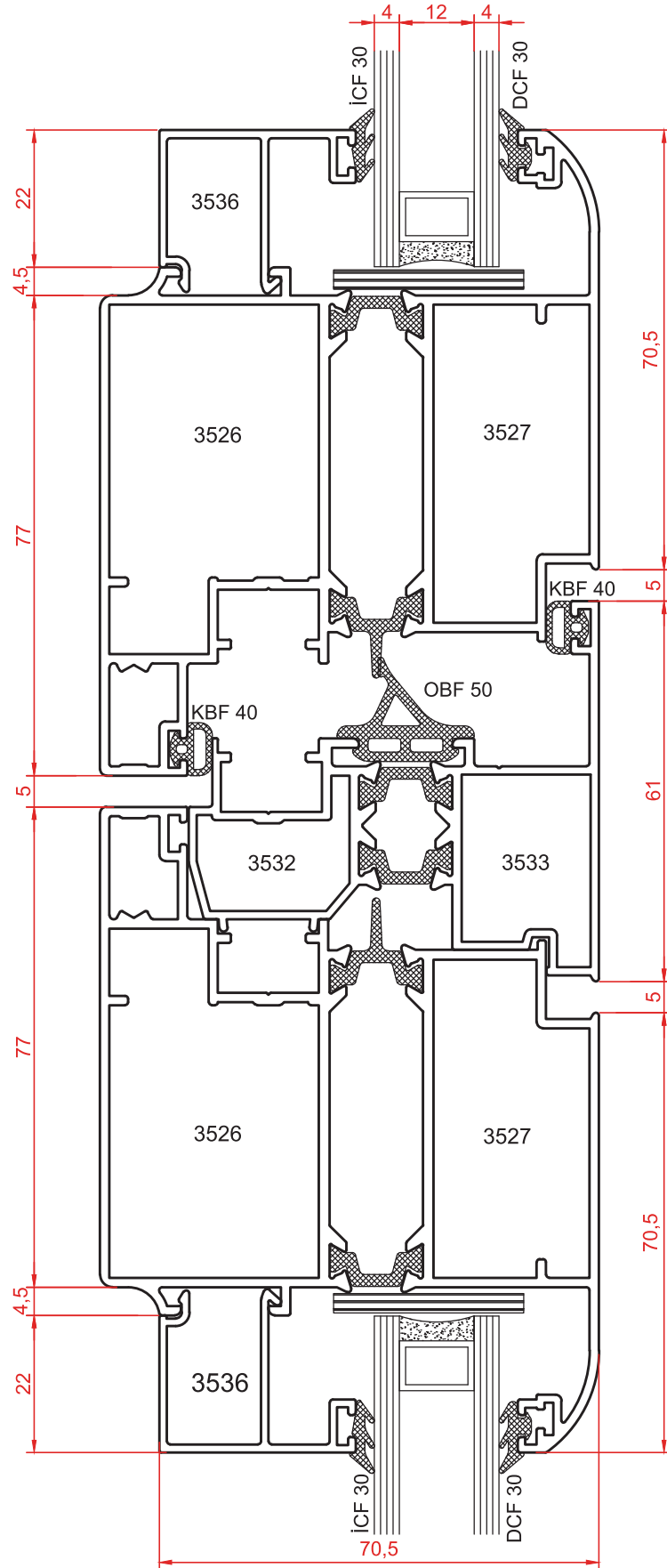


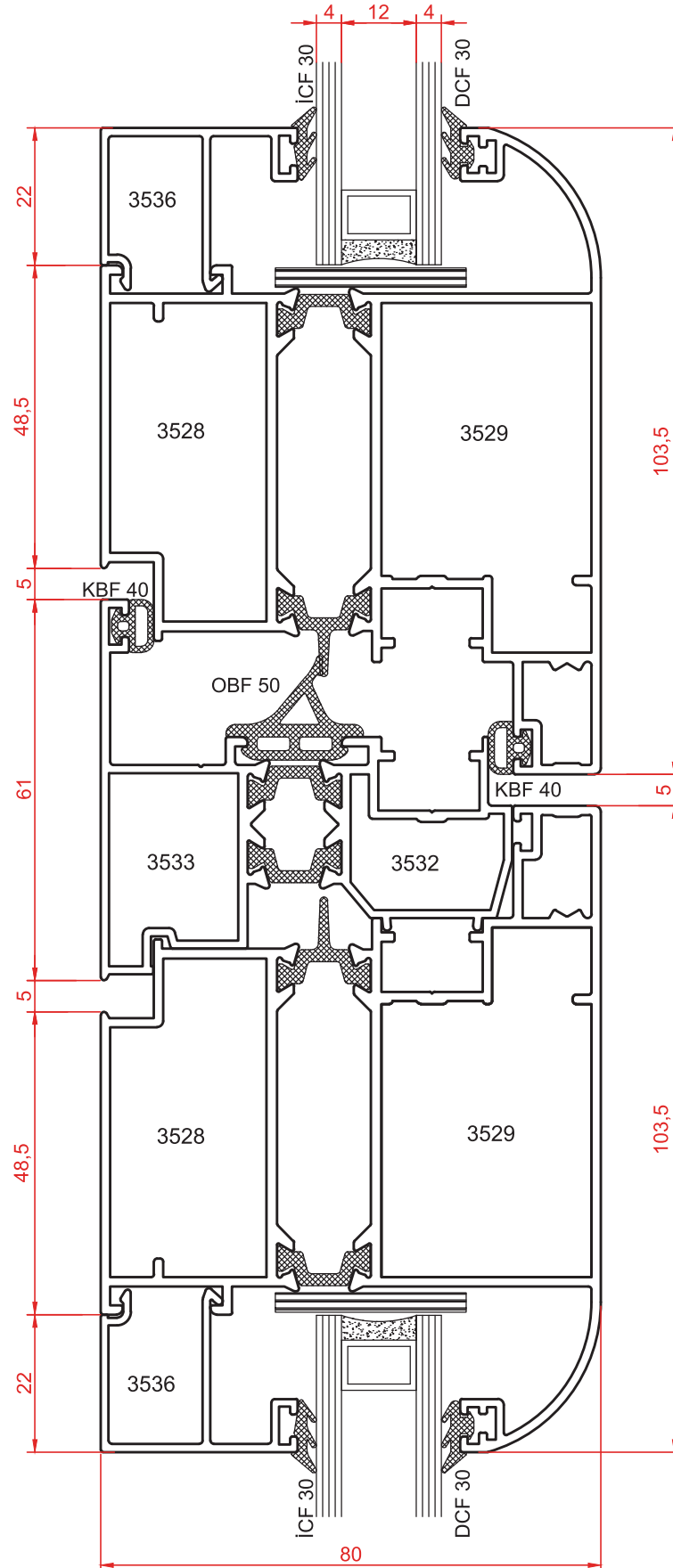


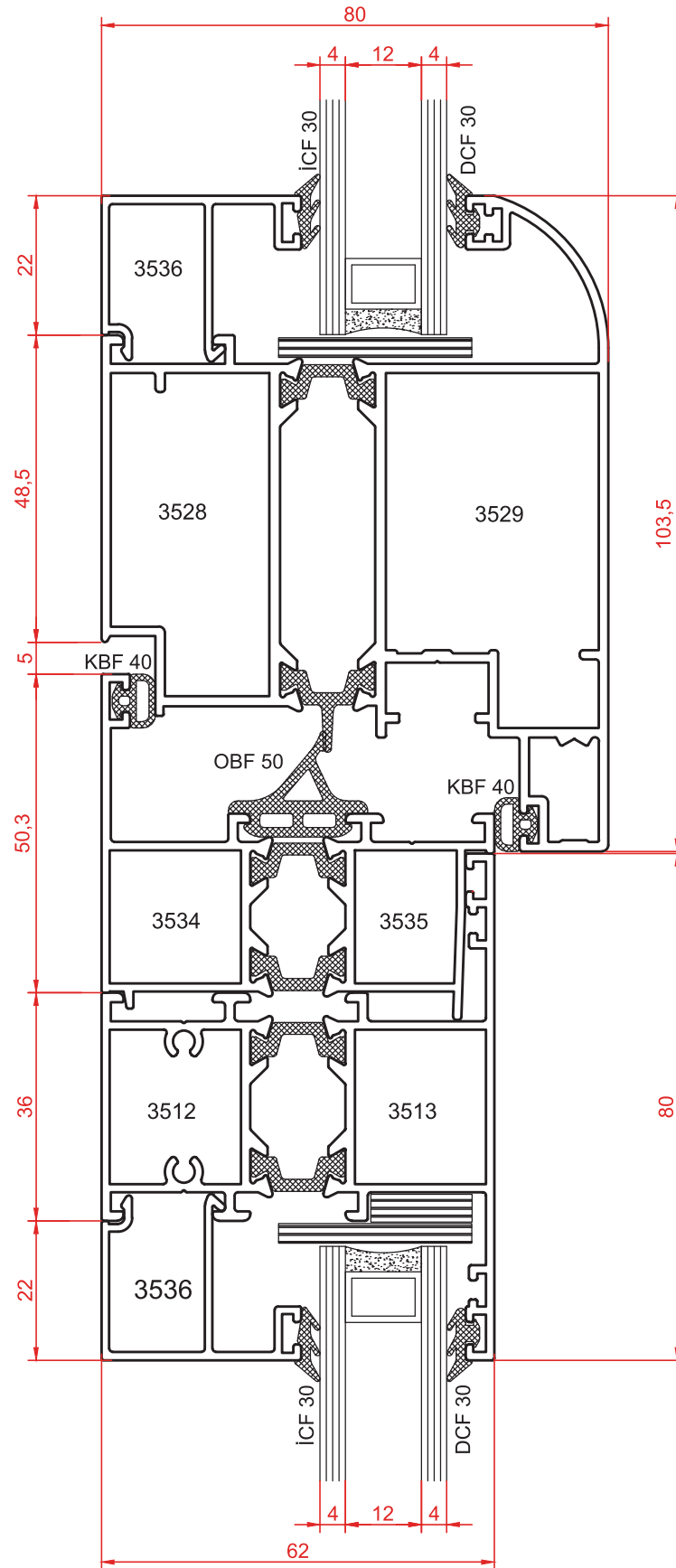


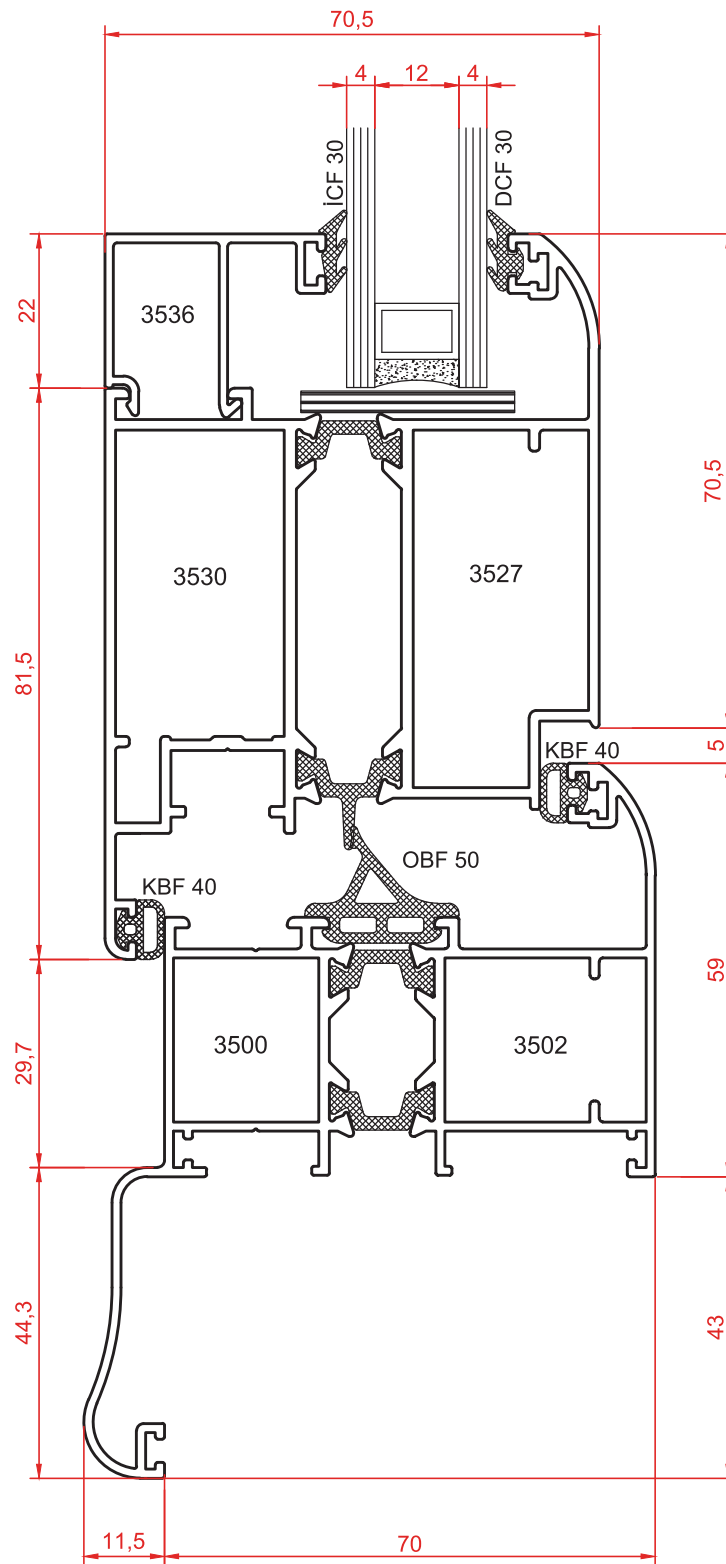


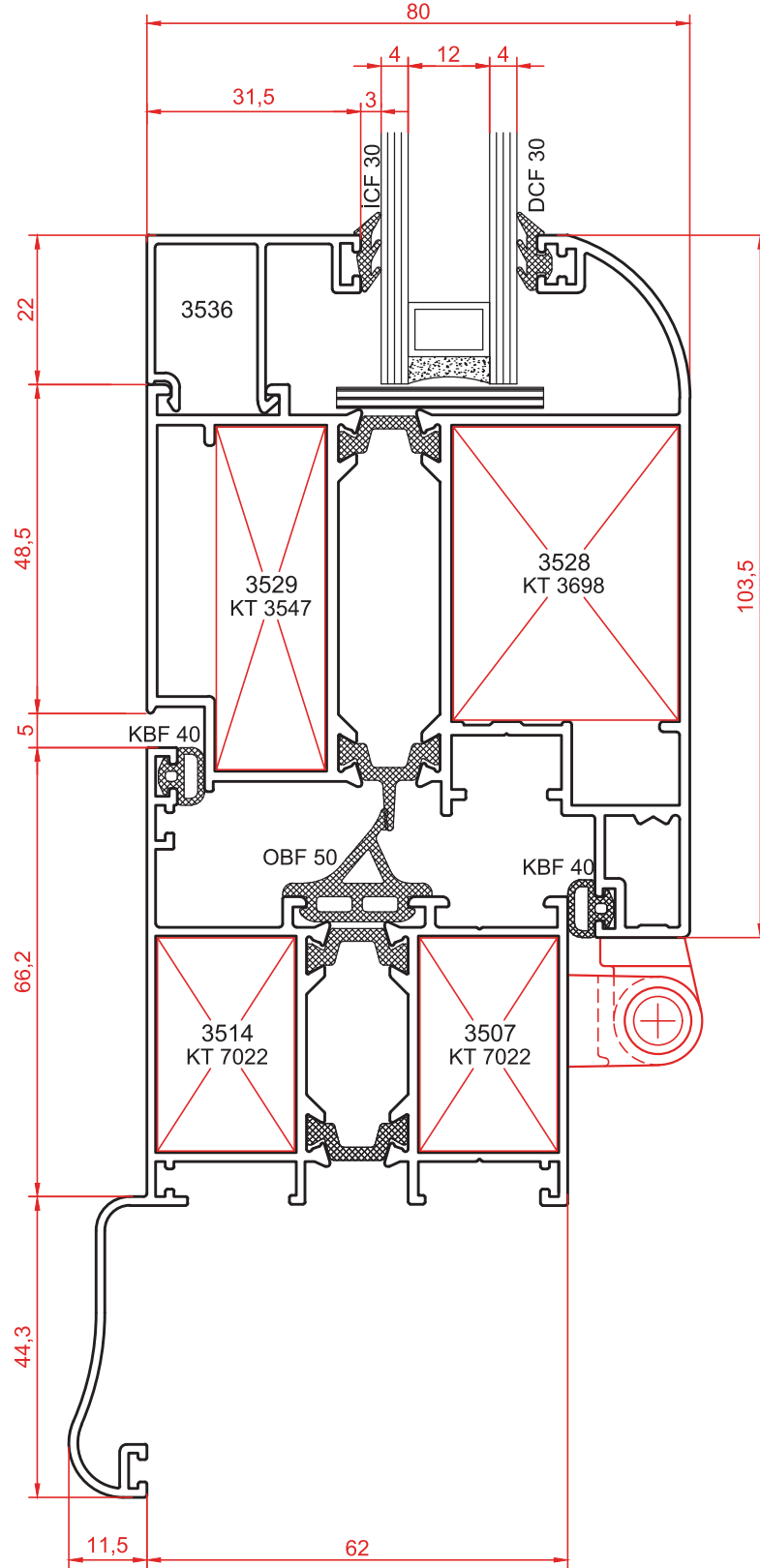


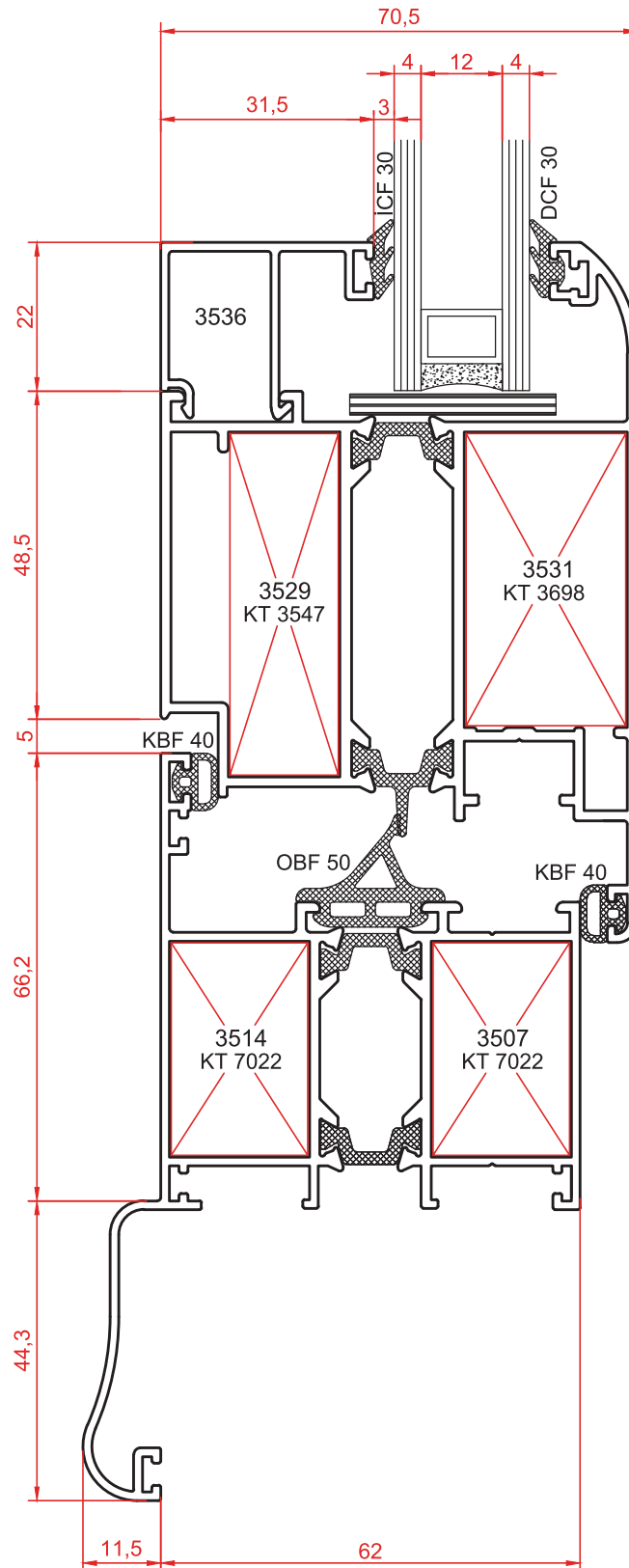


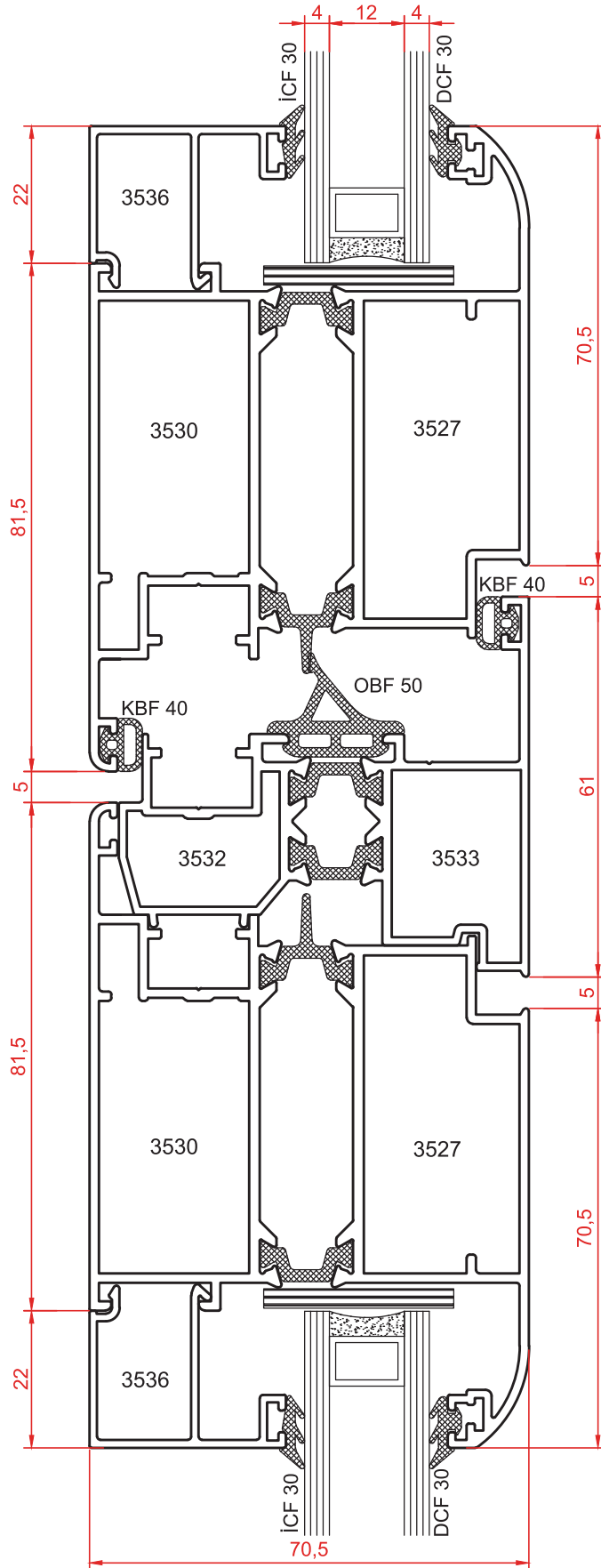


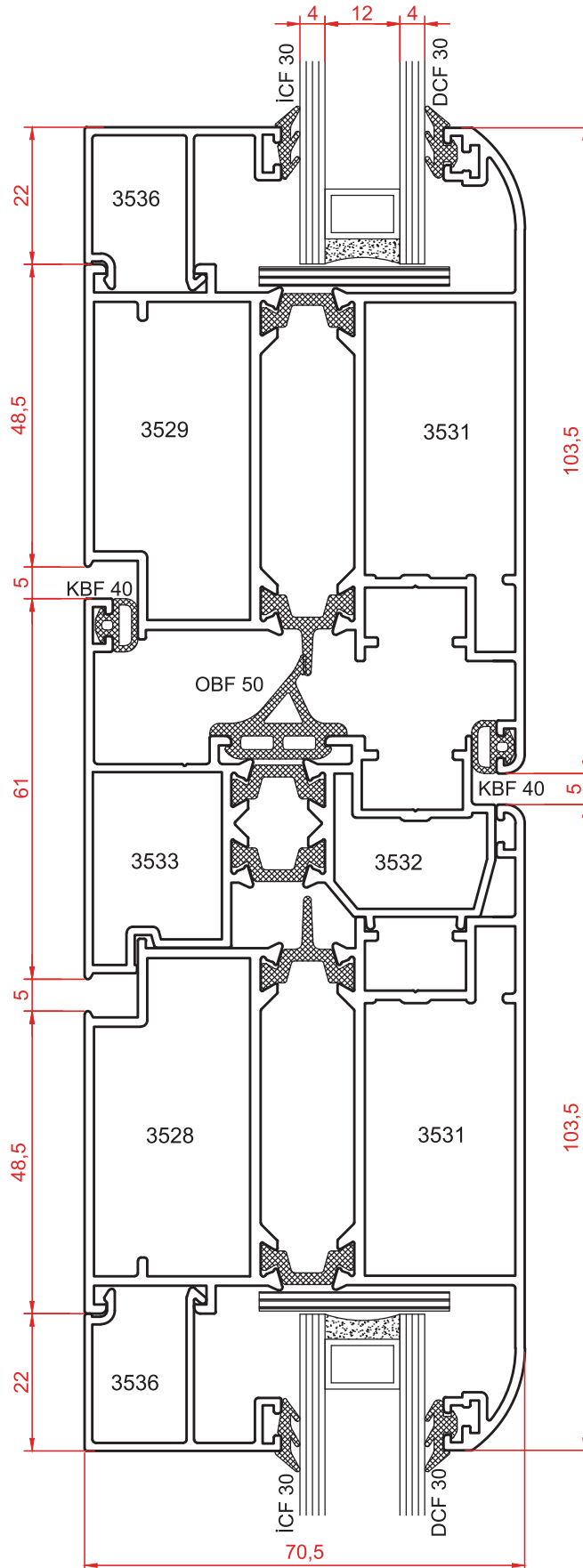


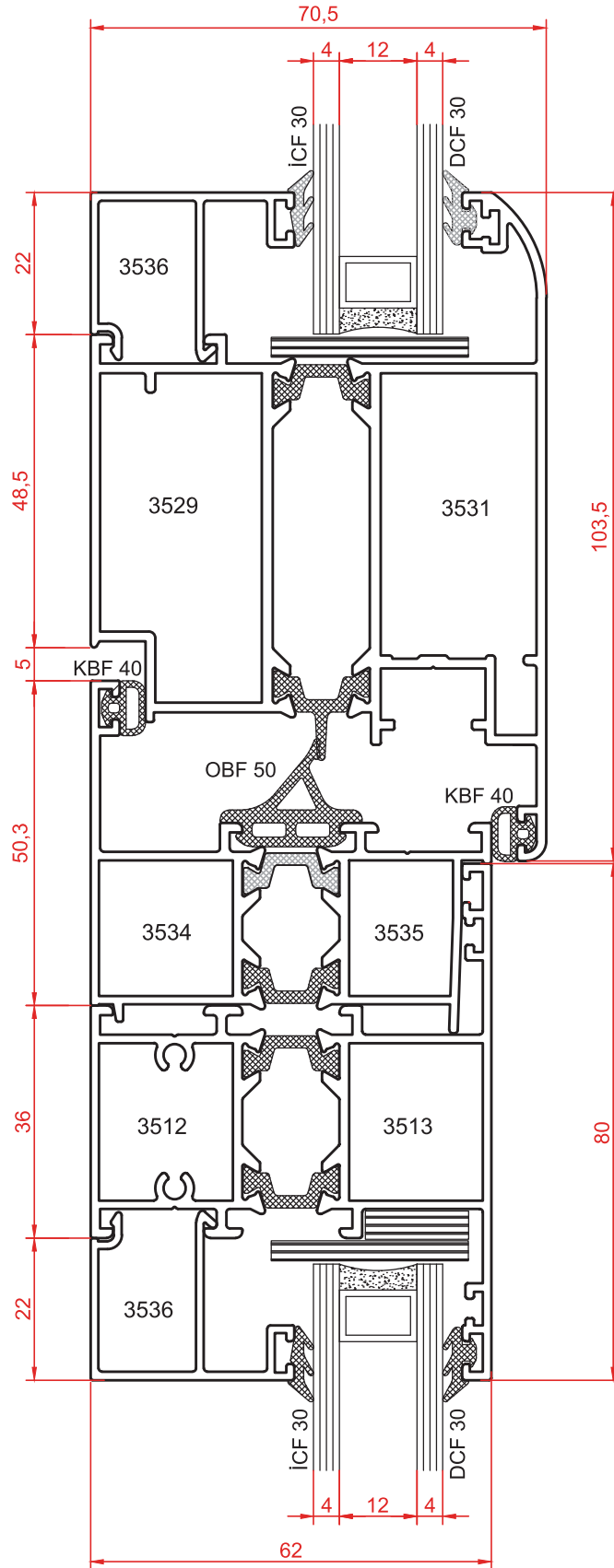


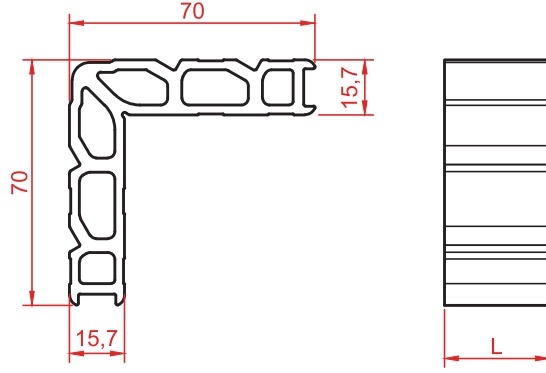






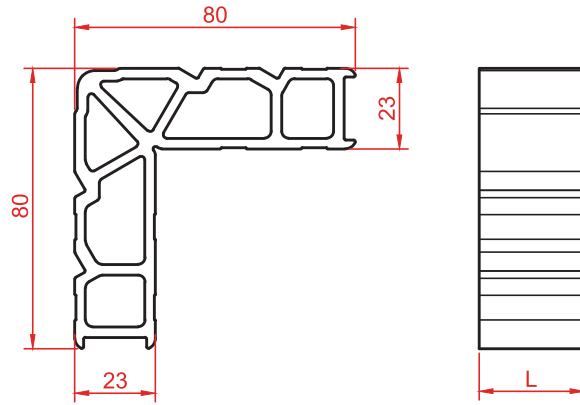






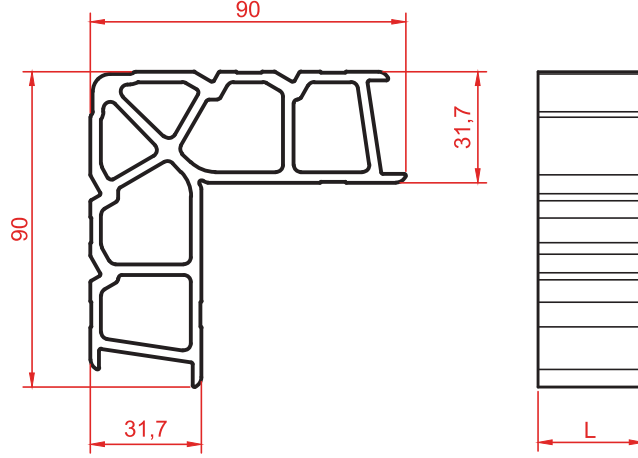
PROFİL NO. : 1695

| KOD NO.     | L    | KULLANILDIĞI PROFİL |
|-------------|------|---------------------|
| KT 1695 243 | 24.3 | 3521                |
| KT 1695 333 | 33.0 | 3519                |



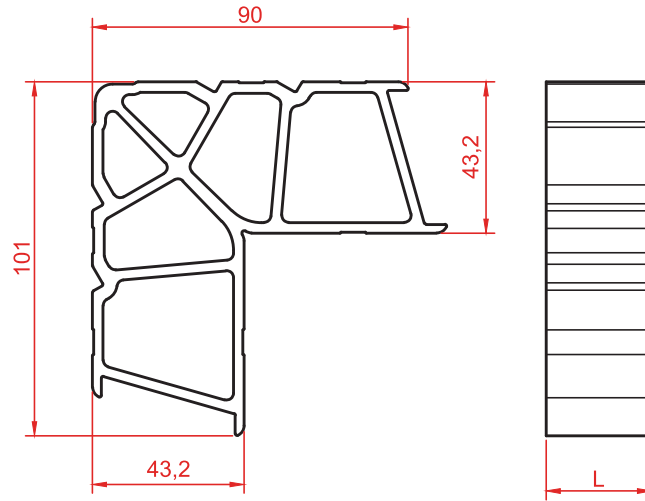
PROFİL NO. : 3546

| KOD NO.     | L    | KULLANILDIĞI PROFİL |
|-------------|------|---------------------|
| KT 3546 167 | 16.7 | 3520                |
| KT 3546 205 | 20.5 | 3500-3501-3502-3506 |



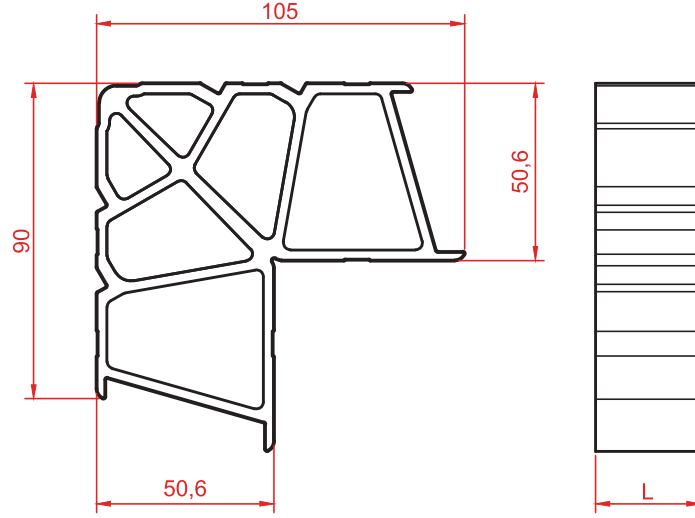
PROFİL NO. : 7022

| KOD NO.     | L    | KULLANILDIĞI PROFİL      |
|-------------|------|--------------------------|
| KT 7022 167 | 16.7 | 3523 - 3525              |
| KT 7022 205 | 20.5 | 3503-3504-3505-3507-3514 |



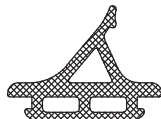
PROFİL NO. : 3698

| KOD NO.     | L    | KULLANILDIĞI PROFİL |
|-------------|------|---------------------|
| KT 3698 239 | 23.9 | 3530 - 3531         |
| KT 3698 334 | 33.4 | 3526 - 3528         |



PROFİL NO. : 3547

| KOD NO.     | L    | KULLANILDIĞI PROFİL |
|-------------|------|---------------------|
| KT 3547 163 | 16.3 | 3527 - 3529         |

| KOD NO.   | ŞEKİL                                                                               | ADI                              | MALZEME                         |
|-----------|-------------------------------------------------------------------------------------|----------------------------------|---------------------------------|
| 03 010503 |    | DCF 30<br>Dış Cam Fitili<br>3 mm | EPDM<br>1 Paket/10kg./233 Metre |
| 03 011230 |    | İCF 30<br>İç Cam Fitili<br>3 mm  | EPDM<br>1 Paket/10kg./294 Metre |
| 03 011231 |   | İCF 40<br>İç Cam Fitili<br>4 mm  | EPDM<br>1 Paket/10kg./222 Metre |
| 03 010732 |  | İCF 50<br>İç Cam Fitili<br>5 mm  | EPDM<br>1 Paket/10kg./196 Metre |
| 03 010440 |  | KBF 40<br>Kulak Bini Fitili      | EPDM<br>1 Paket/10kg./233 Metre |
| 03 011032 |  | OBF 50<br>Orta Bini Fitili       | EPDM<br>1 Paket/10kg./70 Metre  |
|           |                                                                                     |                                  |                                 |

NOT:PVC kanal uyumlu çift Açılımlar için Danışınız.