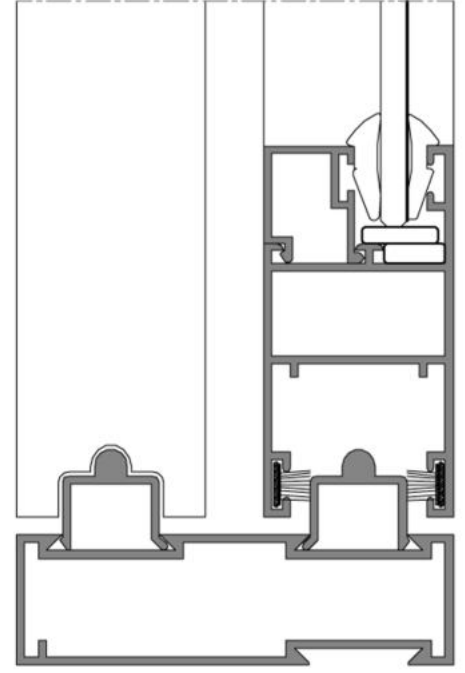


Sürme Sistem  
Sliding System



# TS29

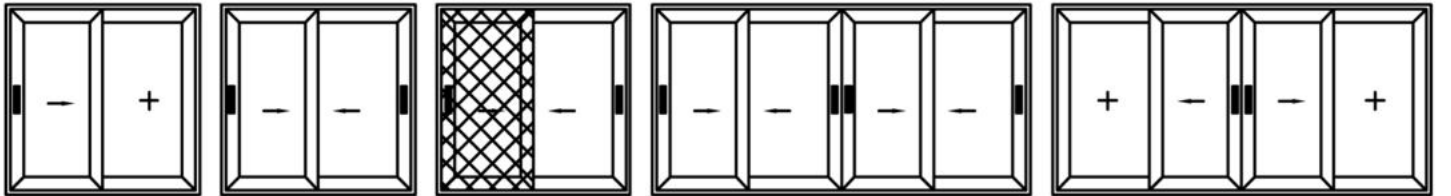
Sürme Sistem  
Sliding System

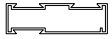
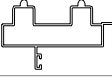
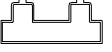
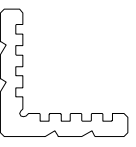


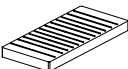
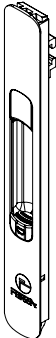
## TEKNİK ÖZELLİKLER / TECHNICAL PROPERTIES

|                                                 |              |
|-------------------------------------------------|--------------|
| KASA DERİNLİĞİ / FRAME DEPTH                    | 67 mm        |
| KANAT DERİNLİĞİ / SASH DEPTH                    | 29 mm        |
| ET KALINLIĞI / WALL THICKNESS                   | 1,2 – 1,3 mm |
| MIN/MAX CAM KALINLIĞI / MIN/MAX GLASS THICKNESS | 4 - 20 mm    |
| ISI BARIYER / THERMAL BREAK                     | -            |

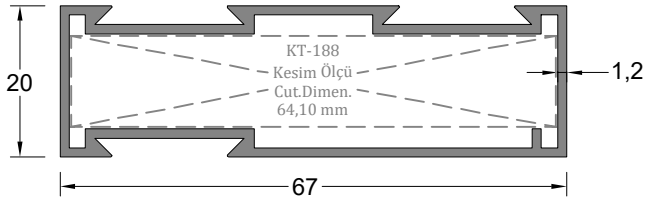
## UYGULAMA SEÇENEKLERİ / APPLICATION OPTIONS



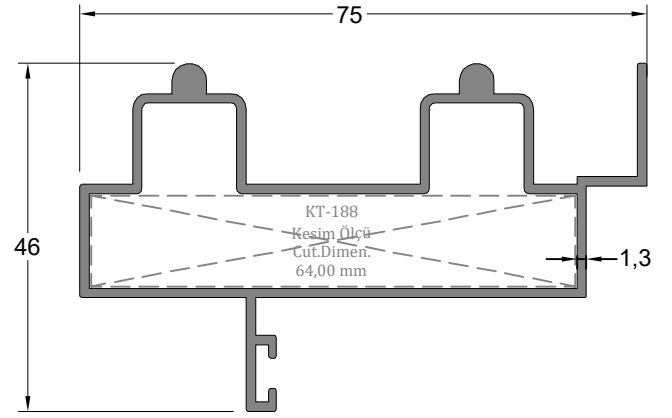
| PROFİL KESİTİ<br>PROFILE SECTION                                                    | PROFİL KODU<br>PROFILE CODE | PROFİL ADI<br>PROFILE NAME                                   | Jx cm <sup>4</sup> | Jy cm <sup>4</sup> | AĞIRLIK (kg/m)<br>WEIGHT |
|-------------------------------------------------------------------------------------|-----------------------------|--------------------------------------------------------------|--------------------|--------------------|--------------------------|
|    | 130                         | KASA PROFİLİ<br>FRAME PROFILE                                | -                  | -                  | 0,661 kg/mt              |
|    | 143                         | KASA PROFİLİ<br>FRAME PROFILE                                | -                  | -                  | 0,939 kg/mt              |
|    | 1242                        | KASA PROFİLİ<br>FRAME PROFILE                                | -                  | -                  | 0,779 kg/mt              |
|    | 5329                        | KASA PROFİLİ<br>FRAME PROFILE                                | -                  | -                  | 0,858 kg/mt              |
|    | 258                         | ORTA KAYIT PROFİLİ<br>MULLION PROFILE                        | -                  | -                  | 0,518 kg/mt              |
|    | 132                         | KANAT PROFİLİ<br>SASH PROFILE                                | -                  | -                  | 0,618 kg/mt              |
|    | 135                         | KENET PROFİLİ<br>INTERLOCKING PROFILE                        | -                  | -                  | 0,261 kg/mt              |
|    | 12037                       | SİNEKLİK PROFİLİ<br>SCREENING PROFILE                        | -                  | -                  | 0,534 kg/mt              |
|    | 1243                        | SİNEKLİK PROFİLİ<br>SCREENING PROFILE                        | -                  | -                  | 0,434 kg/mt              |
|  | 131                         | RAY PROFİLİ<br>RAIL PROFILE                                  | -                  | -                  | 0,166 kg/mt              |
|  | 290                         | RAY PROFİLİ<br>RAIL PROFILE                                  | -                  | -                  | 0,140 kg/mt              |
|  | 1240                        | RAY PROFİLİ<br>RAIL PROFILE                                  | -                  | -                  | 0,285 kg/mt              |
|  | 136                         | ADAPTÖR PROFİLİ<br>ADAPTER PROFILE                           | -                  | -                  | 0,131 kg/mt              |
|  | 134                         | ADAPTÖR PROFİLİ<br>ADAPTER PROFILE                           | -                  | -                  | 0,302 kg/mt              |
|  | 137                         | ORTA ADAPTÖR PROFİLİ<br>MULLION ADAPTER PROFILE              | -                  | -                  | 0,160 kg/mt              |
|  | 1241                        | PERVAZ PROFİLİ<br>SILL PROFILE                               | -                  | -                  | 0,390 kg/mt              |
|  | 138                         | ÇİTA PROFİLİ<br>BEAD PROFILE                                 | -                  | -                  | 0,173 kg/mt              |
|  | 188                         | BAĞLANTI PROFİLİ<br>CONNECTION PROFILE                       | -                  | -                  | 0,537 kg/mt              |
|  | 141                         | ORTA KAYIT BAĞLANTI<br>PROFİLİ<br>MULLION CONNECTION PROFILE | -                  | -                  | 0,346 kg/mt              |
|  | 413                         | KÖŞE TAKOZ PROFİLİ<br>CORNER WEDGE PROFILE                   | -                  | -                  | 3,667 kg/mt              |
|                                                                                     |                             |                                                              |                    |                    |                          |

| AKSESUAR<br>ACCESSORY                                                               | STOK KODU<br>REFERENCE CODE | AKSESUAR ADI<br>DESCRIPTION                                                         | AKSESUAR KODU<br>PRODUCT CODE | PAKET<br>PACK              |
|-------------------------------------------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------|-------------------------------|----------------------------|
|    | AKS1338                     | İÇ CAM FİTİLİ (EPDM)<br>INNER GLAZING GASKET                                        | TS29-İCF.30                   | 330 mt / paket<br>10 kg/mt |
|    | AKS1339                     | İÇ CAM FİTİLİ (EPDM)<br>INNER GLAZING GASKET                                        | TS29-İCF.40                   | 205 mt / paket<br>10 kg/mt |
|    | AKS1341                     | İÇ CAM FİTİLİ (EPDM)<br>INNER GLAZING GASKET                                        | TS29-İCF.50                   | 175 mt / paket<br>10 kg/mt |
|    | AKS1447                     | KAMA FİTİLİ 2300(3MM)<br>SPLINE GASKET 2300 (3MM)                                   | TS29-KMF.03                   | 200 mt / paket<br>10 kg/mt |
|    | AKS1448                     | KAMA FİTİLİ 2209 (4MM)<br>SPLINE GASKET 2209 (4 MM)                                 | TS29-KMF.04                   | 140 mt / paket<br>10 kg/mt |
|    | AKS1908                     | MINİ CAM TAKOĞU (2.5X12X24 mm)<br>GLAZING WEDGE (2.5 mm)                            | TS29-CT.100                   | 1 pk / 1000ad              |
|    | AKS1535                     | FİRÇA FİTİLİ (6.8 - 5.5 mm)<br>WEATHER STRIP (6.8 - 5.5 mm)                         | TS29-FÇ.707                   | 400 mt / pk                |
|   | AKS350                      | YAYLI TETİK KOL (ELOKSALLI)<br>TRIGGER HANDLE WITH SPRING (ANODIZED)                | TS29-YTK.301                  | 1 pk / 10ad                |
|                                                                                     | AKS351                      | YAYLI TETİK KOL (BEYAZ)<br>TRIGGER HANDLE WITH SPRING (WHITE)                       | TS29-YTK.302                  | 1 pk / 10ad                |
|                                                                                     | AKS352                      | YAYLI TETİK KOL (RENKLİ)<br>TRIGGER HANDLE WITH SPRING (COLORED)                    | TS29-YTK.303                  | 1 pk / 10ad                |
|  | AKS353                      | KİLİTLİ TETİK KOL (BEYAZ)<br>LOCKED TRIGGER HANDLE (WHITE)                          | TS29-KTK.304                  | 1 pk / 10ad                |
|                                                                                     | AKS354                      | KİLİTLİ TETİK KOL (ELOKSALLI)<br>LOCKED TRIGGER HANDLE (ANODIZED)                   | TS29-KTK.305                  | 1 pk / 10ad                |
|  | AKS687                      | TEKLİ RULMAN SARI<br>SINGLE ROLLER (GOLDEN )                                        | TS29-SRG.107                  | 1 pk / 50ad                |
|  | AKS688                      | ÇİFTLİ RULMAN SARI<br>DOUBLE ROLLER (GOLDEN)                                        | TS45-DRG.112                  | 1 pk / 50ad                |
|  | AKS370                      | FORZA YAYLI HAVUZ KOL (SİYAH)<br>FORZA RECESSED HANDLE AUTOMATIC (BLACK)            | TS29-FHK.750                  | 1 pk / 40ad                |
|                                                                                     | AKS371                      | FORZA YAYLI HAVUZ KOL (BEYAZ)<br>FORZA RECESSED HANDLE AUTOMATIC (WHITE)            | TS29-FHK.751                  | 1 pk / 40ad                |
|                                                                                     | AKS372                      | FORZA YAYLI HAVUZ KOL<br>(NATUREL)<br>FORZA RECESSED HANDLE AUTOMATIC (NATURAL)     | TS29-FHK.752                  | 1 pk / 40ad                |
|                                                                                     | AKS373                      | FORZA YAYLI HAVUZ KOL<br>(ANTRASİT)<br>FORZA RECESSED HANDLE AUTOMATIC (ANTHRACITE) | TS29-FHK.753                  | 1 pk / 40ad                |
|  | AKS374                      | FORZA MANUEL HAVUZ KOL (SİYAH)<br>FORZA RECESSED HANDLE MANUEL (BLACK)              | TS29-FHK.760                  | 1 pk / 40ad                |
|                                                                                     | AKS375                      | FORZA MANUEL HAVUZ KOL (BEYAZ)<br>FORZA RECESSED HANDLE MANUEL (WHITE)              | TS29-FHK.761                  | 1 pk / 40ad                |
|                                                                                     | AKS376                      | FORZA MANUEL HAVUZ KOL (NATUREL)<br>FORZA RECESSED HANDLE MANUEL (NATURAL)          | TS29-FHK.762                  | 1 pk / 40ad                |
|                                                                                     | AKS377                      | FORZA MANUEL HAVUZ KOL (ANTRASİT)<br>FORZA RECESSED HANDLE MANUEL (ANTHRACITE)      | TS29-FHK.763                  | 1 pk / 40ad                |

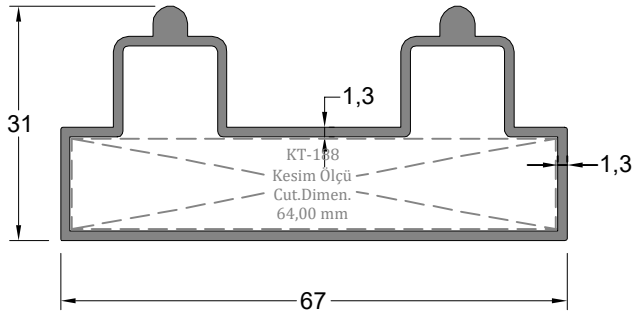
| AKSESUAR<br>ACCESSORY | STOK KODU<br>REFERENCE CODE | AKSESUAR ADI<br>DESCRIPTION                                                              | AKSESUAR KODU<br>PRODUCT CODE | PAKET<br>PACK             |
|-----------------------|-----------------------------|------------------------------------------------------------------------------------------|-------------------------------|---------------------------|
|                       | AKS378                      | FORZA ANAHTARLI HAVUZ KOL (SİYAH)<br>FORZA RECESSED HANDLE LOCK WITH KEY (BLACK)         | TS29-FHK.770                  | 1 pk / 40ad               |
|                       | AKS379                      | FORZA ANAHTARLI HAVUZ KOL (BEYAZ)<br>FORZA RECESSED HANDLE LOCK WITH KEY (WHITE)         | TS29-FHK.771                  | 1 pk / 40ad               |
|                       | AKS380                      | FORZA ANAHTARLI HAVUZ KOL (NATUREL)<br>FORZA RECESSED HANDLE LOCK WITH KEY (NATURAL)     | TS29-FHK.772                  | 1 pk / 40ad               |
|                       | AKS381                      | FORZA ANAHTARLI HAVUZ KOL (ANTRASİT)<br>FORZA RECESSED HANDLE LOCK WITH KEY (ANTHRACITE) | TS29-FHK.773                  | 1 pk / 40ad               |
|                       | AKS386                      | FORZA PASİF HAVUZ KOL (SİYAH)<br>FORZA RECESSED FINGER PULL HANDLE (BLACK)               | TS29-FHK.790                  | 1 pk / 40 ad              |
|                       | AKS387                      | FORZA PASİF HAVUZ KOL (BEYAZ)<br>FORZA RECESSED FINGER PULL HANDLE (WHITE)               | TS29-FHK.791                  | 1 pk / 40 ad              |
|                       | AKS388                      | FORZA PASİF HAVUZ KOL (NATUREL)<br>FORZA RECESSED FINGER PULL HANDLE (NATURAL)           | TS29-FHK.792                  | 1 pk / 40 ad              |
|                       | AKS389                      | FORZA PASİF HAVUZ KOL (ANTRASİT)<br>FORZA RECESSED FINGER PULL HANDLE (NATURAL)          | TS29-FHK.753                  | 1 pk / 40 ad              |
|                       | AKS385                      | FORZA KİLİT DİLİ (SAC)<br>FORZA HOOK (SHEET)                                             | TS29-FKD.785                  | 1 pk / 40 ad              |
|                       | AKS384                      | FORZA KİLİT KARŞILIĞI (ZAMAK)<br>FORZA STRIKER (ZAMAK)                                   | TS29-FKK.782                  | 1 pk / 40 ad              |
|                       | AKS1625                     | SİNEKLİK HAVUZ KOL<br>SCREENING ROLLER                                                   | TS29-SHK.018                  | 100 ad / paket            |
|                       | AKS1607                     | SİNEKLİK KÖŞE BAĞLANTI<br>SCREENING CORNER CONNECTION                                    | TS29-SÇ.150                   | 4 ad / paket              |
|                       | AKS1635                     | SİNEKLİK KÖŞE TAKOZ<br>SCREENING CORNER WEDGE                                            | TS29 - ST.070                 | 100 ad / paket            |
|                       | AKS1634                     | SİNEKLİK RULMAN<br>SCREENING ROLLER                                                      | TS29 - SR.060                 | 100 ad / paket            |
|                       | AKS1425                     | SİNEKLİK FİTİLİ (4 mm)<br>SCREENING GASKET (4 mm)                                        | TS29 - SF.114                 | 100 mt / paket            |
|                       | AKS1426                     | SİNEKLİK FİTİLİ (5 mm)<br>SCREENING GASKET (5 mm)                                        | TS29 - SF.115                 |                           |
|                       | AKS1427                     | SİNEKLİK FİTİLİ (6 mm)<br>SCREENING GASKET (6 mm)                                        | TS29 - SF.116                 |                           |
|                       | AKS1596 - 80cm              | SİNEKLİK TÜLÜ<br>SCREENING NET                                                           | TS29 - STF.80                 | 24 <sup>2</sup> m / paket |
|                       | AKS1597 - 100cm             |                                                                                          | TS29 - STF.100                | 30 <sup>2</sup> m / paket |
|                       | AKS1598 - 120cm             |                                                                                          | TS29 - STF.120                | 36 <sup>2</sup> m / paket |
|                       | AKS1599 - 140cm             |                                                                                          | TS29 - STF.140                | 44 <sup>2</sup> m / paket |
|                       | AKS1600 - 160cm             |                                                                                          | TS29 - STF.160                | 48 <sup>2</sup> m / paket |



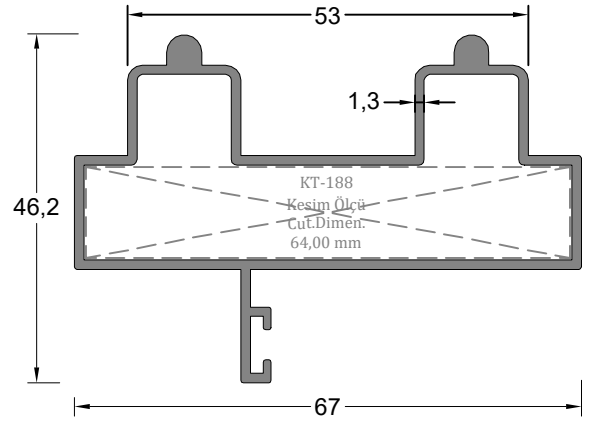
| Kasa Profili  | Profil Kodu  | (kg/mt) |
|---------------|--------------|---------|
| FRAME PROFILE | Profile Code | Weight  |
|               | 130          | 0,661   |



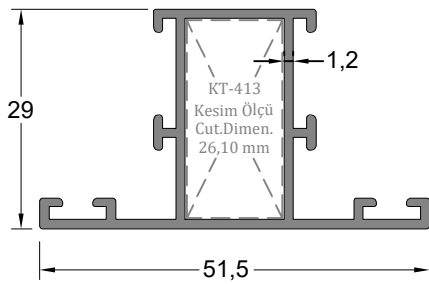
| Kasa Profili  | Profil Kodu  | (kg/mt) |
|---------------|--------------|---------|
| FRAME PROFILE | Profile Code | Weight  |
|               | 143          | 0,939   |



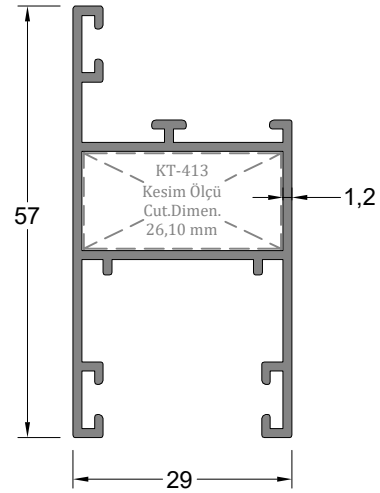
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| FRAME PROFILE | Profile Code | Weight  |
|               | 1242         | 0,779   |



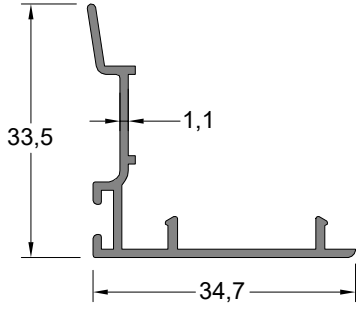
| Kasa Profili  | Profil Kodu  | (kg/mt) |
|---------------|--------------|---------|
| FRAME PROFILE | Profile Code | Weight  |
|               | 5329         | 0,858   |



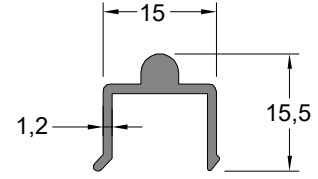
| Orta Kayıt Profili | Profil Kodu  | (kg/mt) |
|--------------------|--------------|---------|
| MULLION PROFILE    | Profile Code | Weight  |
|                    | 258          | 0,518   |



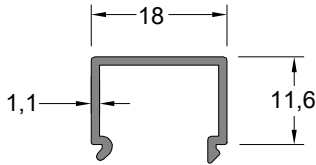
| Kanat Profili | Profil Kodu  | (kg/mt) |
|---------------|--------------|---------|
| SASH PROFILE  | Profile Code | Weight  |
|               | 132          | 0,618   |



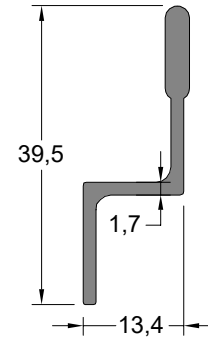
| Kenet Profili        | Profil Kodu  | (kg/mt) |
|----------------------|--------------|---------|
| INTERLOCKING PROFILE | Profile Code | Weight  |
|                      | 135          | 0,261   |



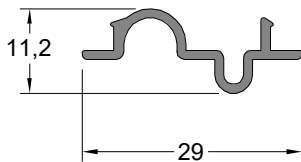
| Ray Profili  | Profil Kodu  | (kg/mt) |
|--------------|--------------|---------|
| RAIL PROFILE | Profile Code | Weight  |
|              | 131          | 0,166   |



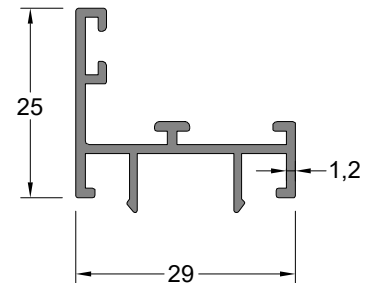
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|--------------|--------------|---------|
| RAIL PROFILE | Profile Code | Weight  |
|              | 290          | 0,140   |



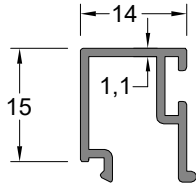
| Ray Profili  | Profil Kodu  | (kg/mt) |
|--------------|--------------|---------|
| RAIL PROFILE | Profile Code | Weight  |
|              | 1240         | 0,285   |



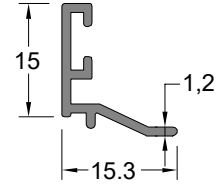
| Orta Adaptör Profili    | Profil Kodu  | (kg/mt) |
|-------------------------|--------------|---------|
| MULLION ADAPTER PROFILE | Profile Code | Weight  |
|                         | 137          | 0,160   |



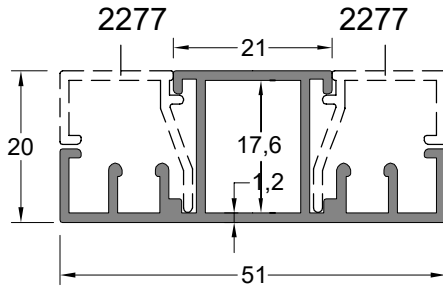
| Adaptör Profili | Profil Kodu  | (kg/mt) |
|-----------------|--------------|---------|
| ADAPTER PROFILE | Profile Code | Weight  |
|                 | 134          | 0,302   |



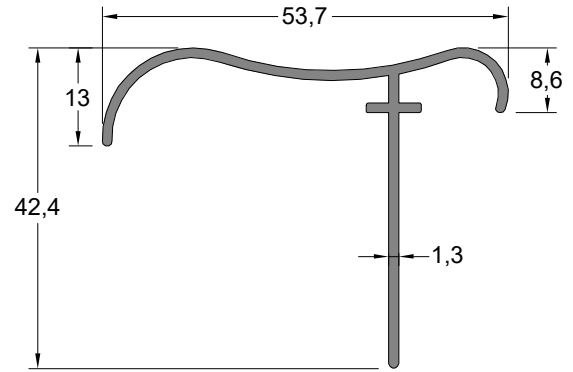
| Çıta Profili | Profil Kodu  | (kg/mt) |
|--------------|--------------|---------|
| BEAD PROFILE | Profile Code | Weight  |
|              | 138          | 0,173   |



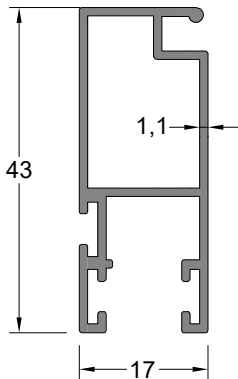
| Çıta Profili | Profil Kodu  | (kg/mt) |
|--------------|--------------|---------|
| BEAD PROFILE | Profile Code | Weight  |
|              | 136          | 0,131   |



| Sineklik Profili  | Profil Kodu  | (kg/mt) |
|-------------------|--------------|---------|
| SCREENING PROFILE | Profile Code | Weight  |
|                   | 12037        | 0,534   |

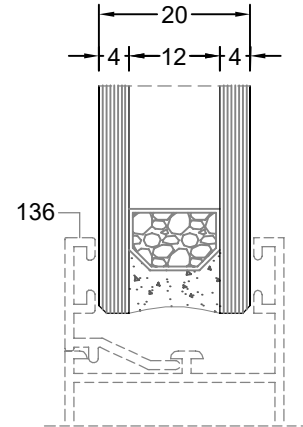
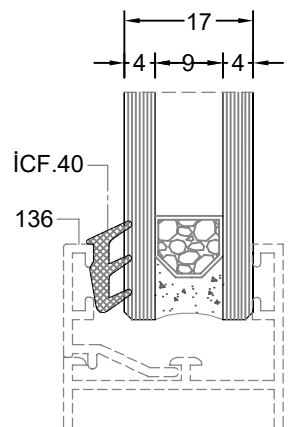
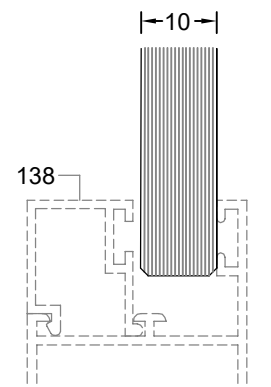
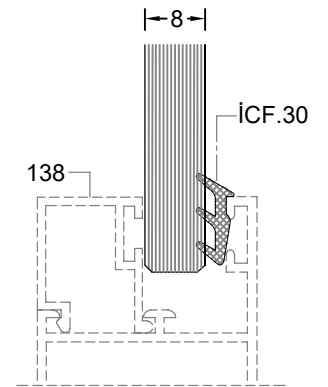
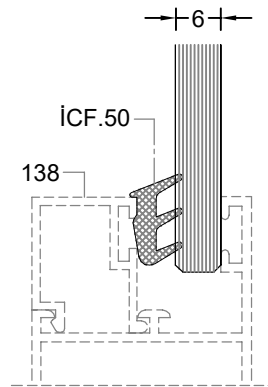
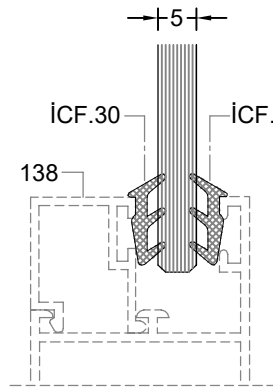
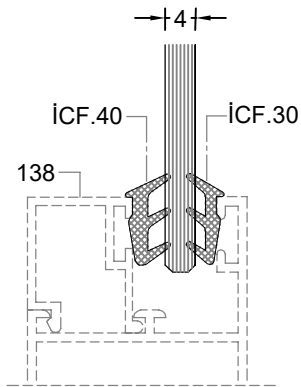
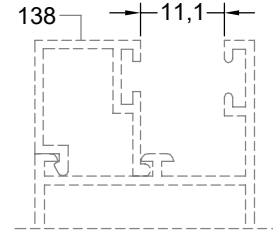
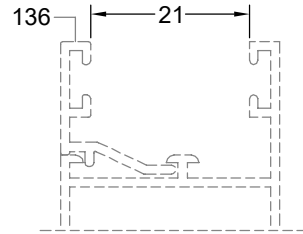


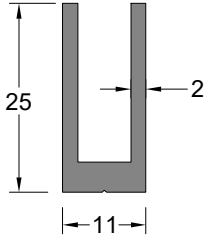
| Pervaz Profili | Profil Kodu  | (kg/mt) |
|----------------|--------------|---------|
| SILL PROFILE   | Profile Code | Weight  |
|                | 1241         | 0,390   |



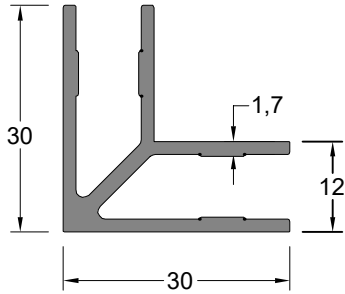
| Sineklik Profili  | Profil Kodu  | (kg/mt) |
|-------------------|--------------|---------|
| SCREENING PROFILE | Profile Code | Weight  |
|                   | 1243         | 0,434   |

| CAM ÇITASI<br>GLAZING BEAD<br>(G) | CAM ÇITASI UZUNLUĞU<br>GLAZING BEAD LENGTH<br>(L) | İÇ CAM FİTİLİ<br>GLAZING GASKET(INSIDE)<br>(İ) | CAM KALINLIĞI<br>GLASS THICKNESS<br>(T) | DIŞ CAM FİTİLİ<br>GLAZING GASKET (OUTSIDE)<br>(O) |
|-----------------------------------|---------------------------------------------------|------------------------------------------------|-----------------------------------------|---------------------------------------------------|
| 138                               | 14 mm                                             | İCF.40                                         | 4 mm                                    | İCF.30                                            |
| 138                               | 14 mm                                             | İCF.30                                         | 5 mm                                    | İCF.30                                            |
| 138                               | 14 mm                                             | İCF.50                                         | 6 mm                                    | -                                                 |
| 138                               | 14 mm                                             | -                                              | 8 mm                                    | İCF.30                                            |
| 138                               | 14 mm                                             | -                                              | 10 mm                                   | -                                                 |
| 136                               | 14 mm                                             | İCF.40                                         | 17 mm                                   | -                                                 |
| 136                               | 14 mm                                             | -                                              | 20 mm                                   | -                                                 |
|                                   |                                                   |                                                |                                         |                                                   |
|                                   |                                                   |                                                |                                         |                                                   |
|                                   |                                                   |                                                |                                         |                                                   |
|                                   |                                                   |                                                |                                         |                                                   |
|                                   |                                                   |                                                |                                         |                                                   |
|                                   |                                                   |                                                |                                         |                                                   |
|                                   |                                                   |                                                |                                         |                                                   |
|                                   |                                                   |                                                |                                         |                                                   |
|                                   |                                                   |                                                |                                         |                                                   |



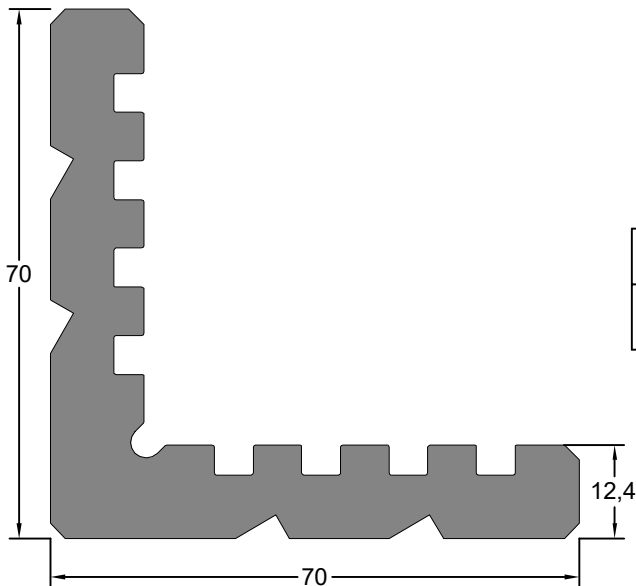


| Dik Bağlantı Profili       | Profil Kodu | (kg/mt) |
|----------------------------|-------------|---------|
| MULLION CONNECTION PROFILE | 141         | 0,346   |



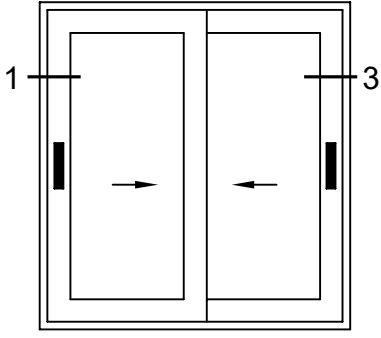
| Köşe Çavuş Bağlantı Profili | Profil Kodu | (kg/mt) |
|-----------------------------|-------------|---------|
| CORNER JOINT PROFILE        | 188         | 0,537   |

| Köşe Takoza Profil Kodu   | Kullanıldığı Profil | Kesim Boyu (mm)     |
|---------------------------|---------------------|---------------------|
| Corner Wedge Profile Code | Compatible Profile  | Cutting Length (mm) |
| 188                       | 130                 | 63,90 mm            |
|                           | 143                 | 64,00 mm            |
|                           | 1242                | 64 mm               |
|                           | 5329                | 64 mm               |
|                           | 12037               | 17,1 mm             |

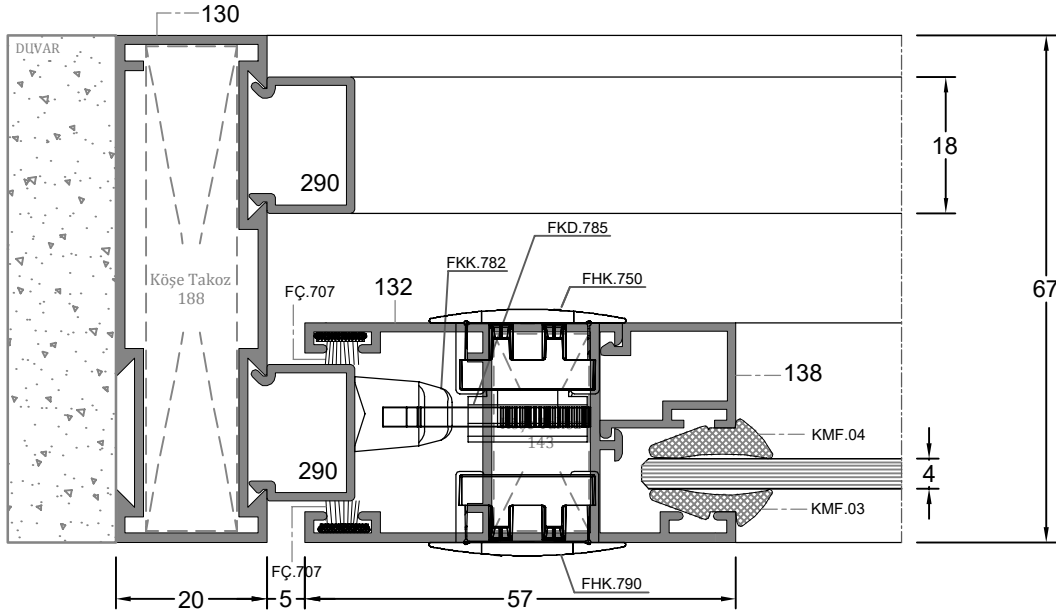


| Köşe Takoz Profili   | Profil Kodu | (kg/mt) |
|----------------------|-------------|---------|
| CORNER WEDGE PROFILE | 413         | 3,667   |

| Köşe Takoza Profil Kodu   | Kullanıldığı Profil | Kesim Boyu (mm)     |
|---------------------------|---------------------|---------------------|
| Corner Wedge Profile Code | Compatible Profile  | Cutting Length (mm) |
| 413                       | 132                 | 26,1 mm             |
|                           | 258                 | 26,1 mm             |

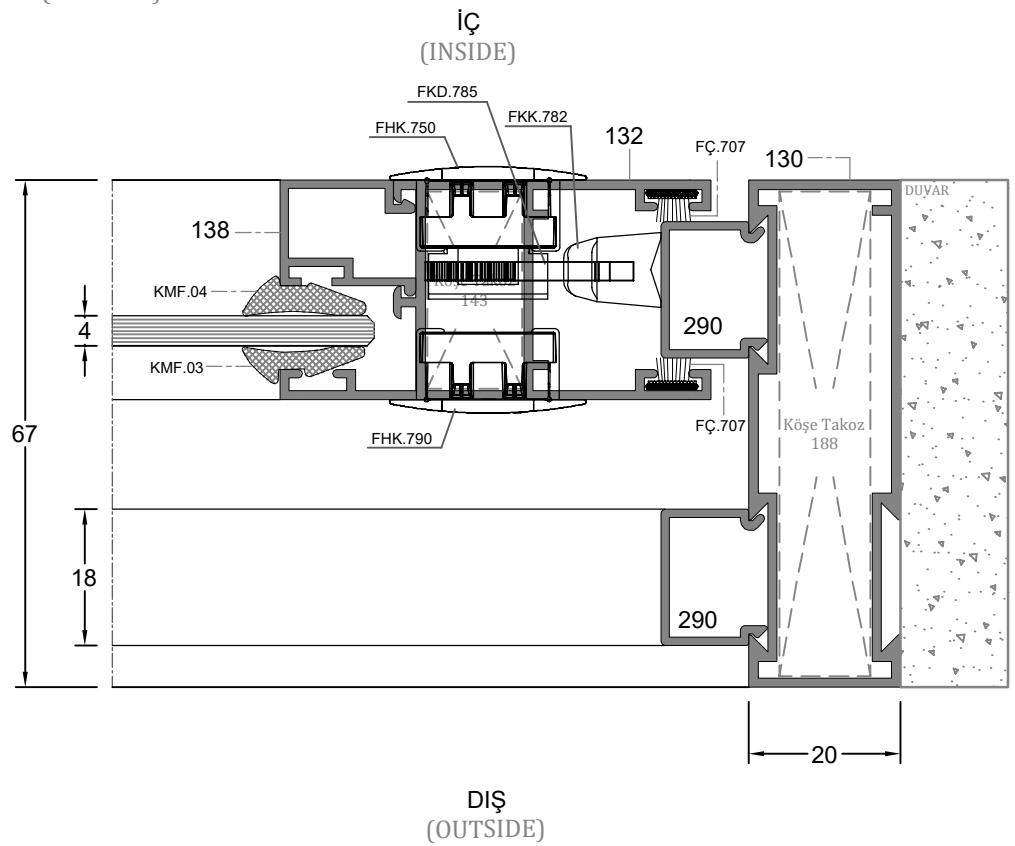


İÇ  
(INSIDE)

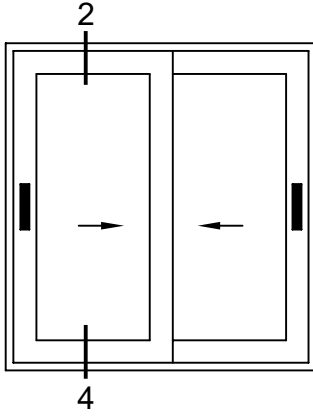


(D-1)

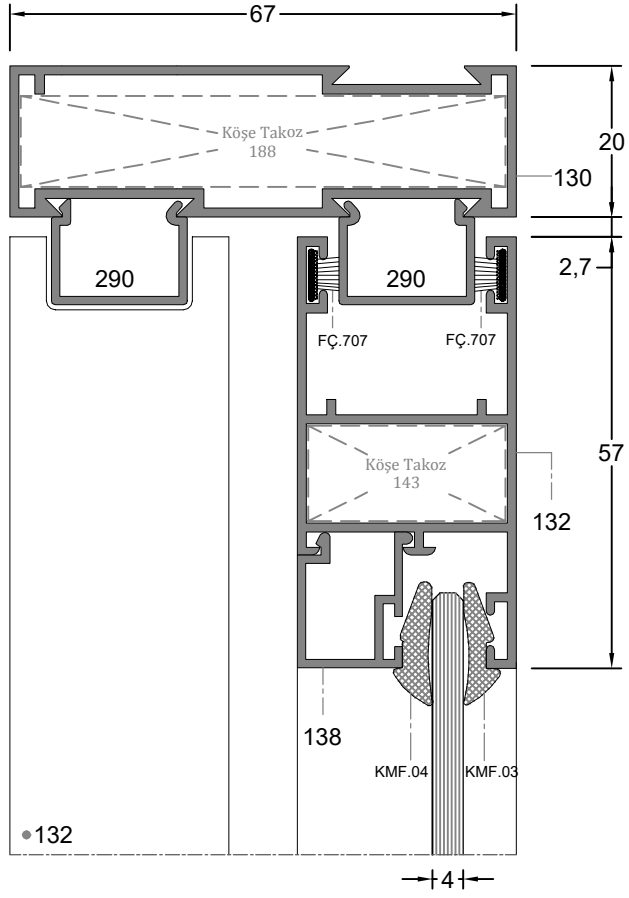
DIŞ  
(OUTSIDE)



(D-3)



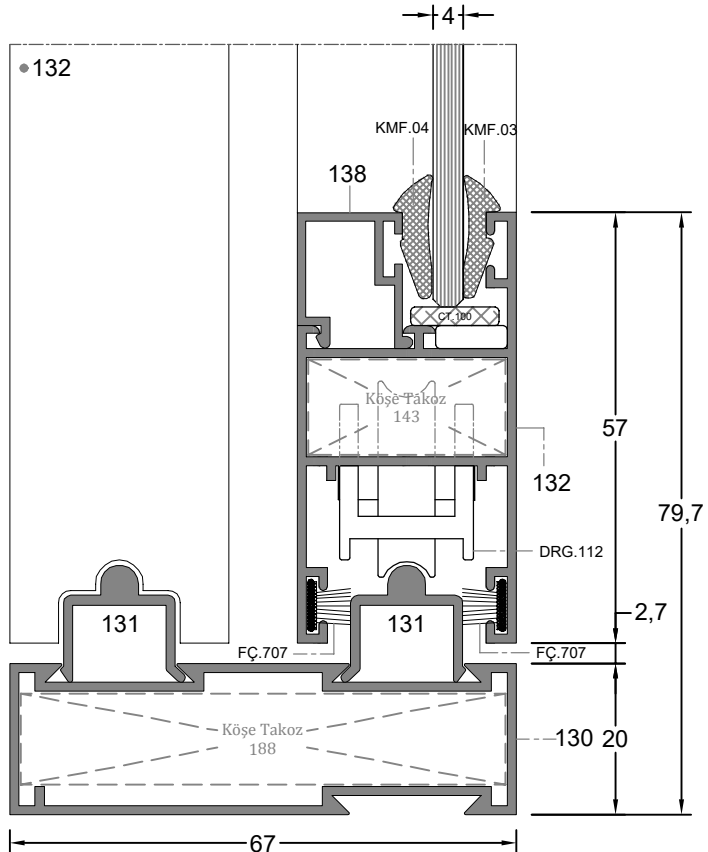
İÇ  
(INSIDE)



D-2

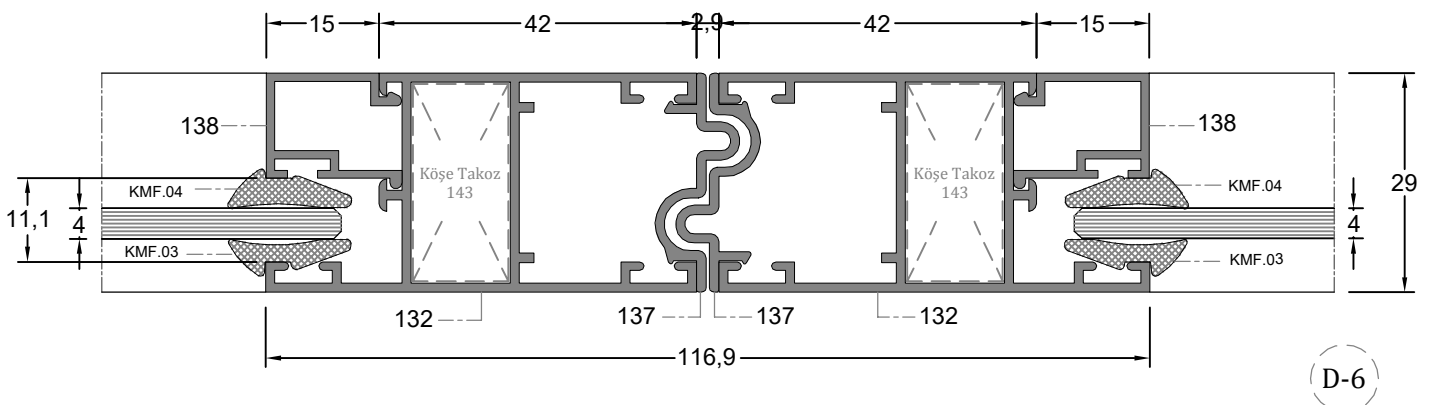
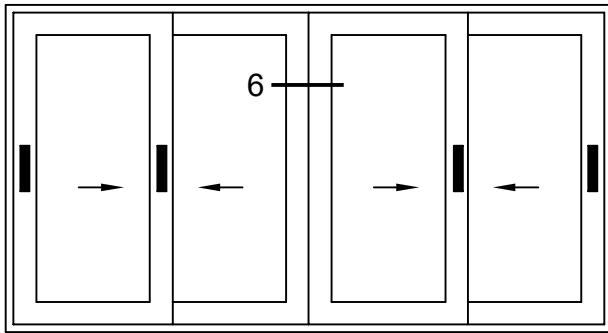
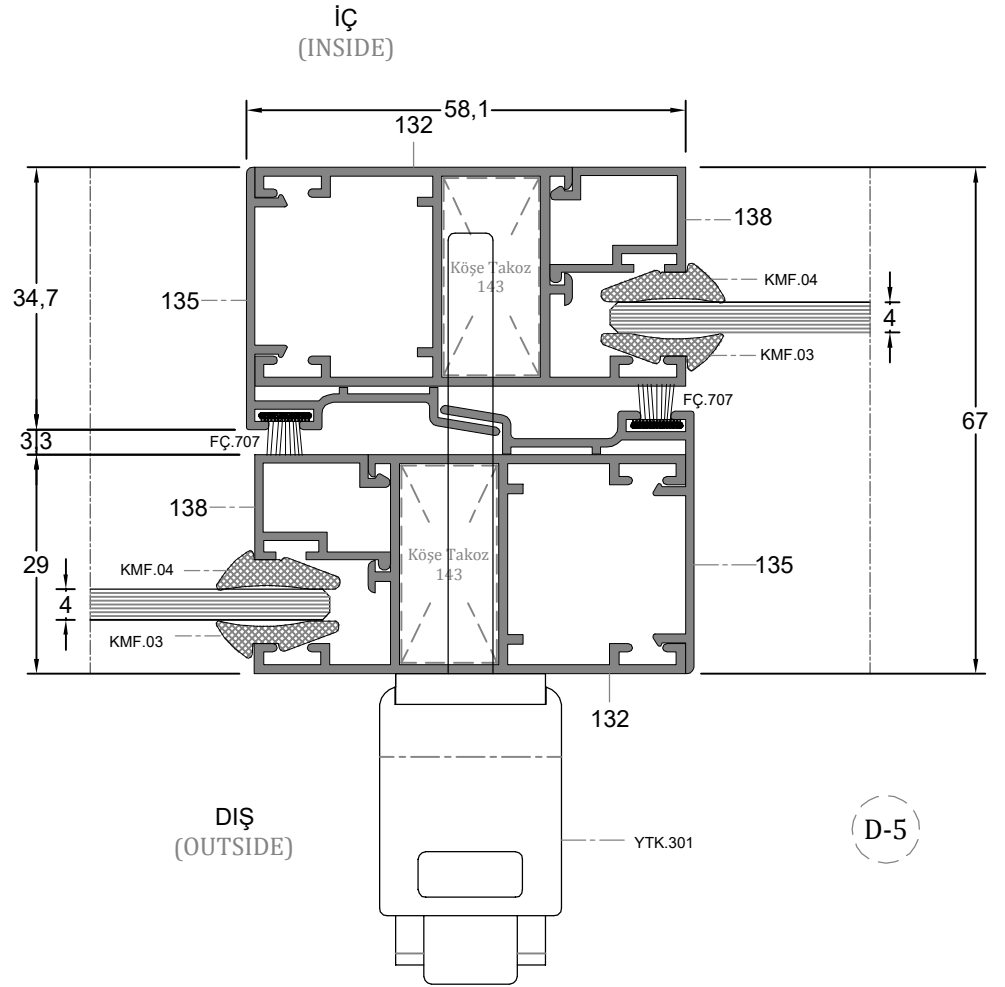
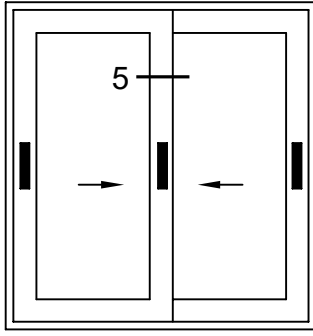
DIŞ  
(OUTSIDE)

İÇ  
(INSIDE)

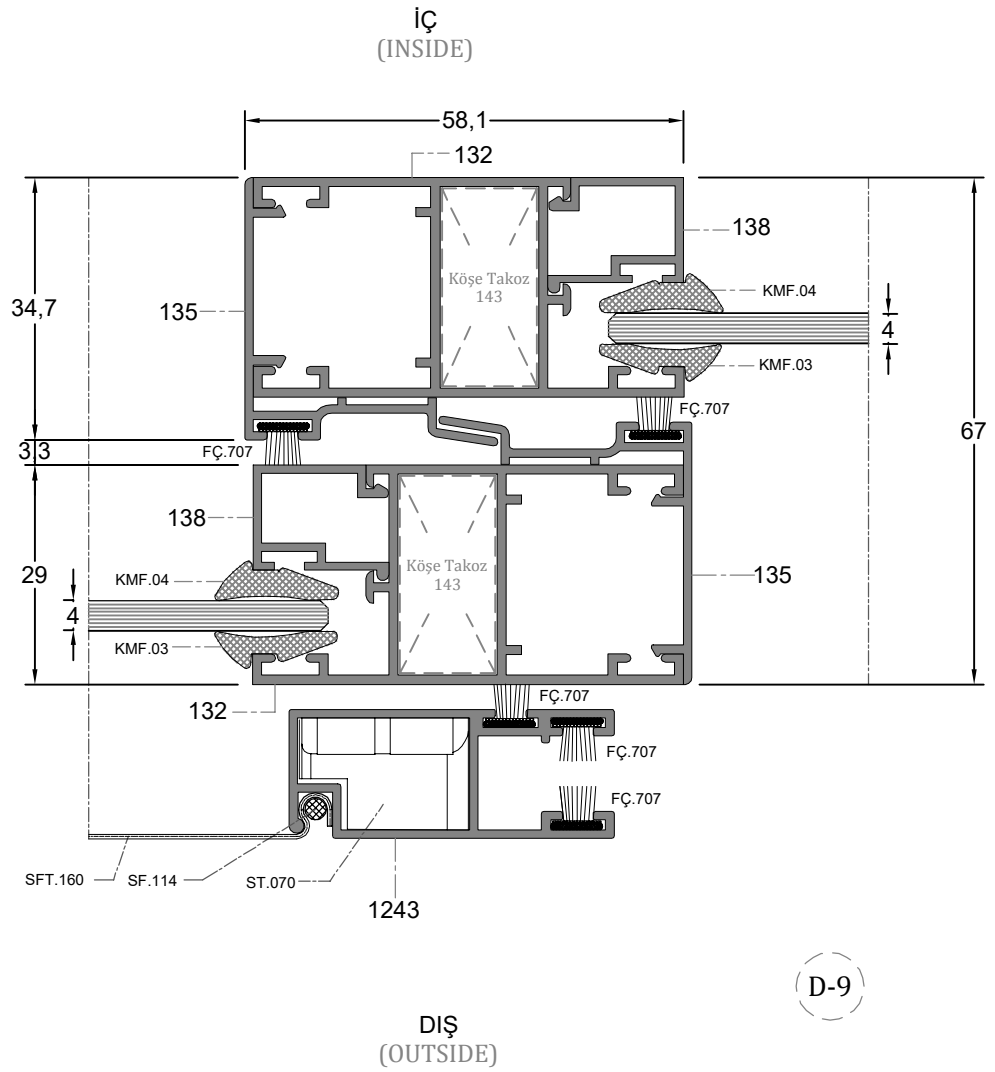
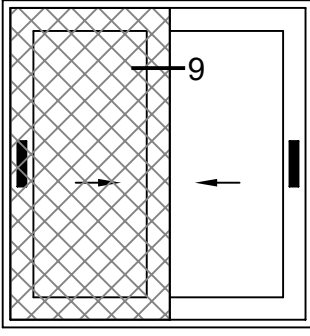


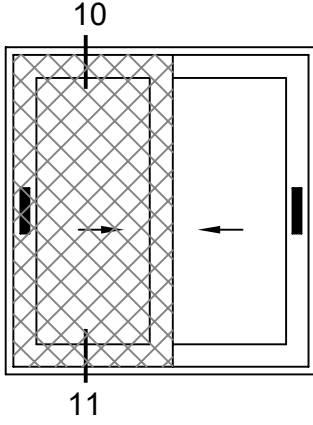
DIŞ  
(OUTSIDE)

D-4

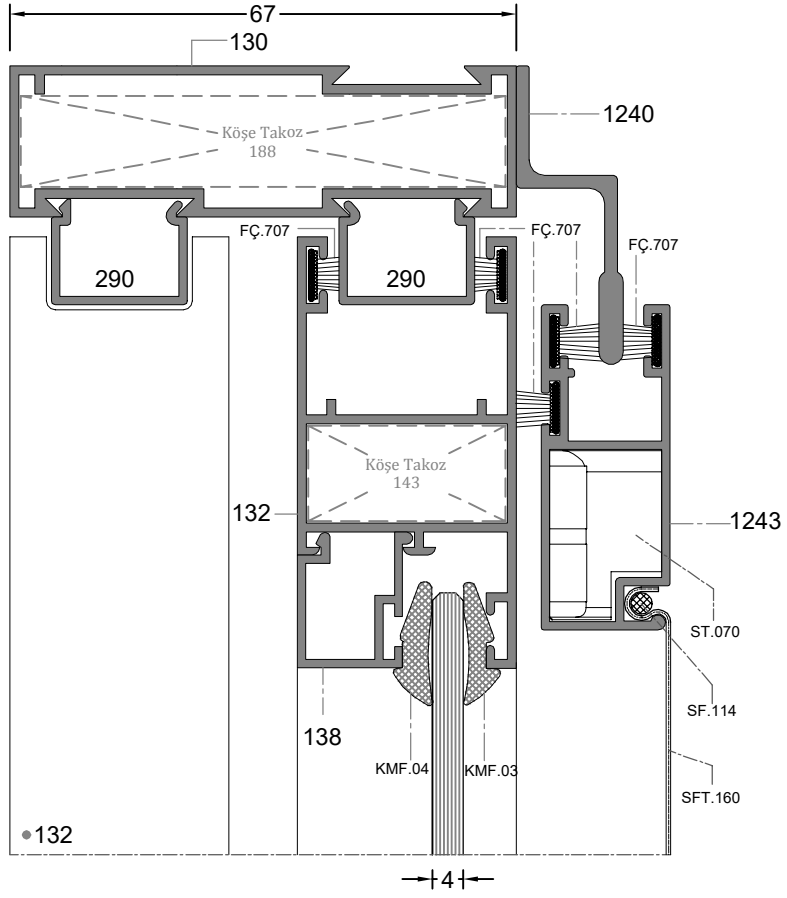








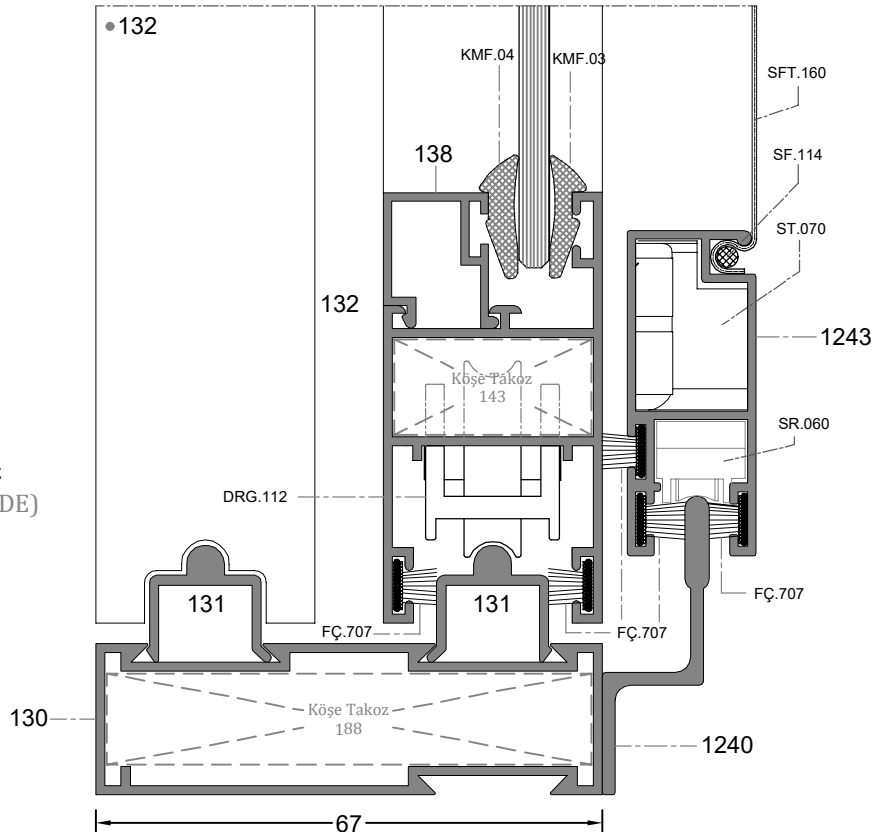
İÇ  
(INSIDE)



D-10

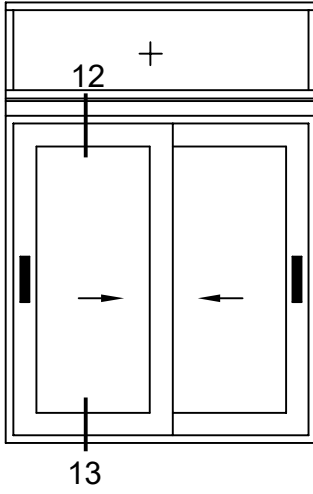
DİŞ  
(OUTSIDE)

İÇ  
(INSIDE)

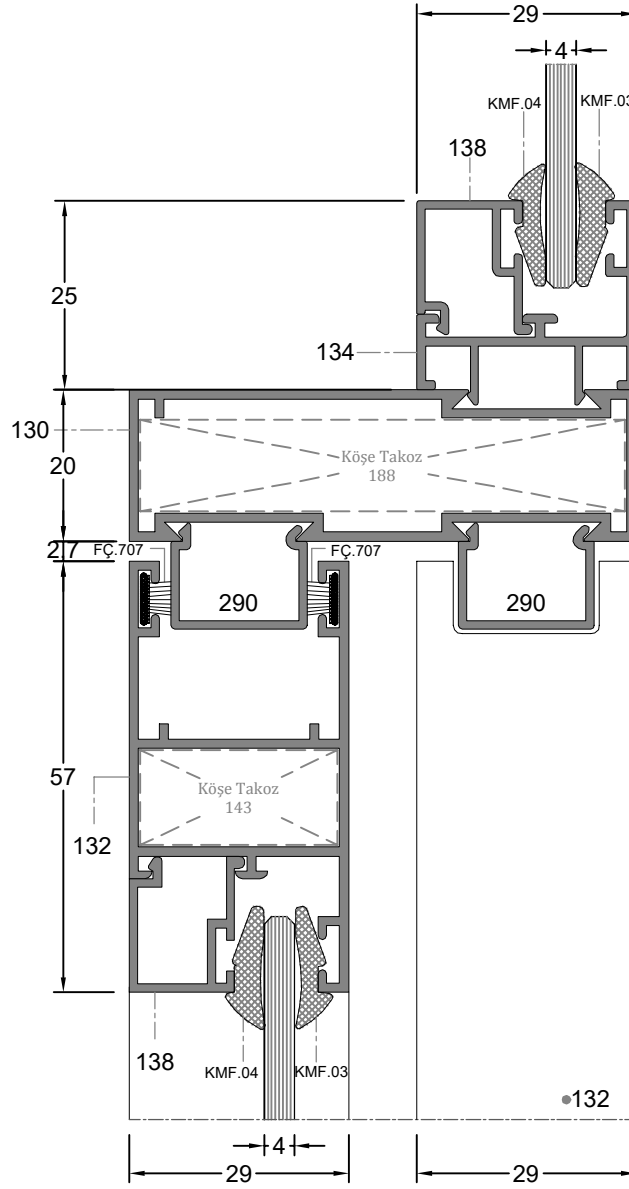


DİŞ  
(OUTSIDE)

D-11



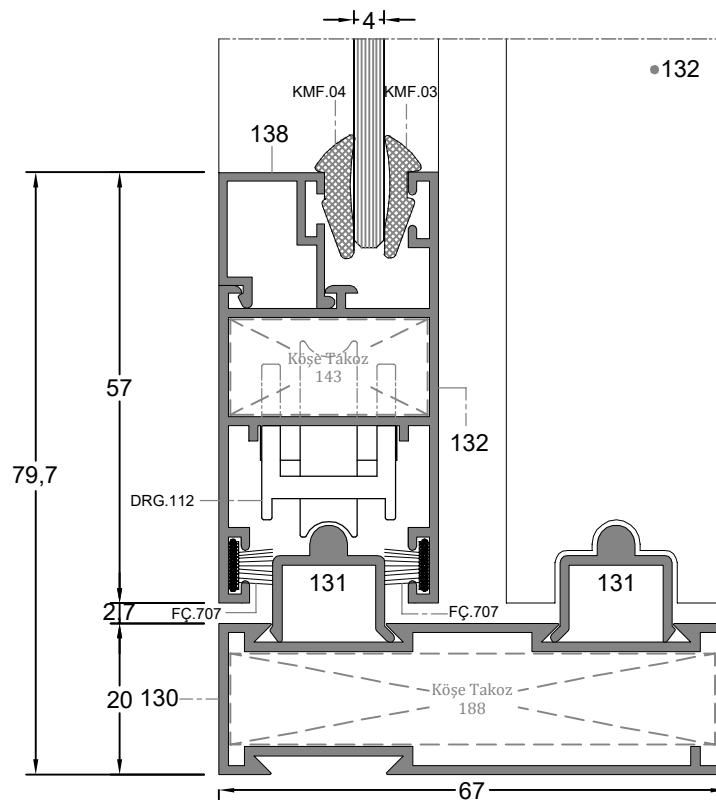
İÇ  
(INSIDE)



DIŞ  
(OUTSIDE)

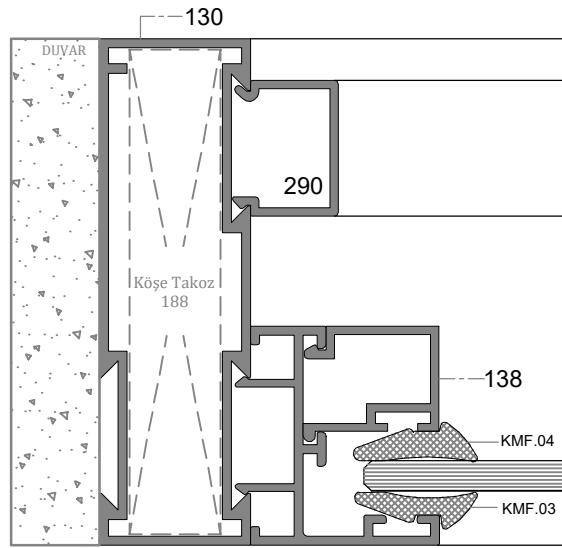
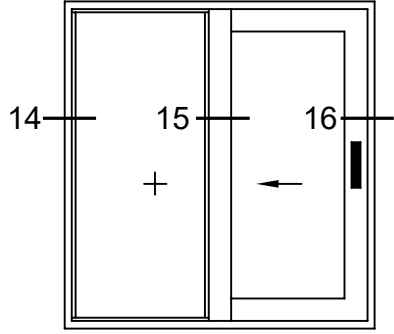
D-12

İÇ  
(INSIDE)

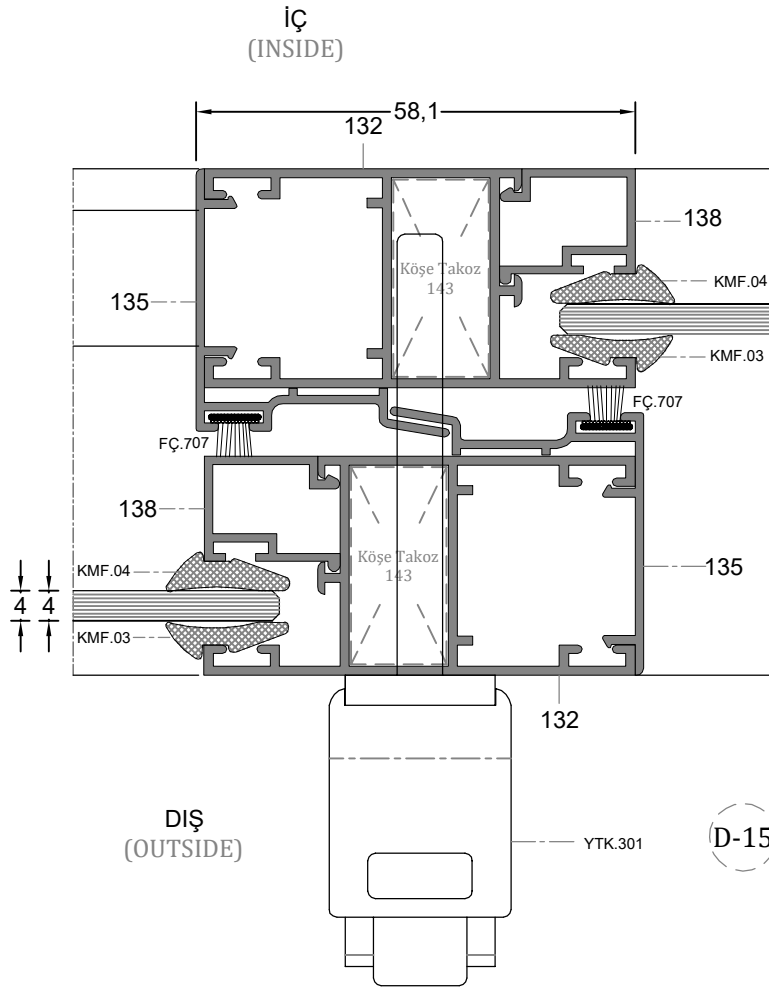


DIŞ  
(OUTSIDE)

D-13

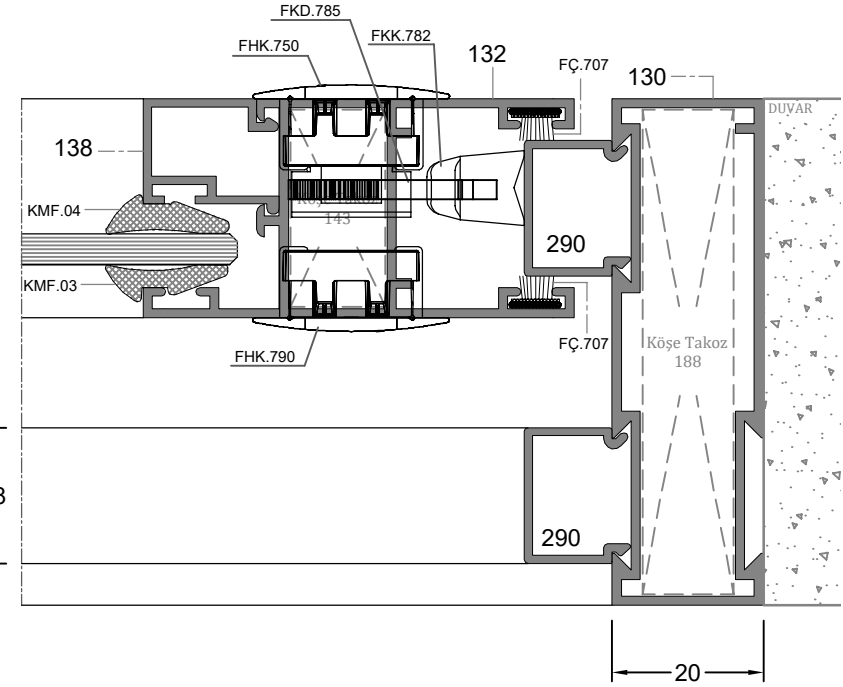


D-14

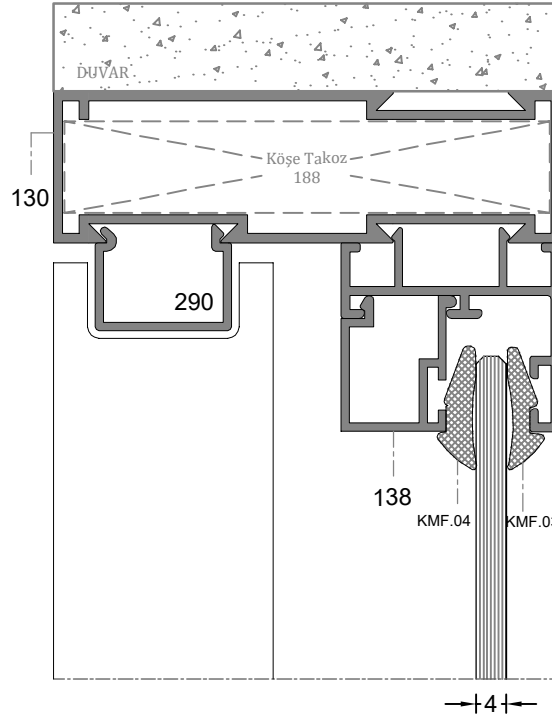
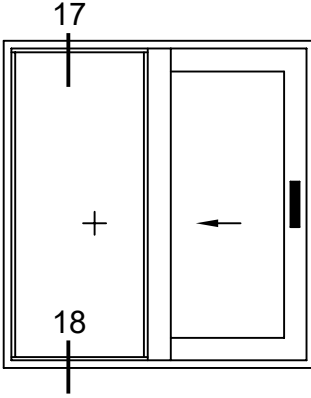


DIŞ  
(OUTSIDE)

D-15

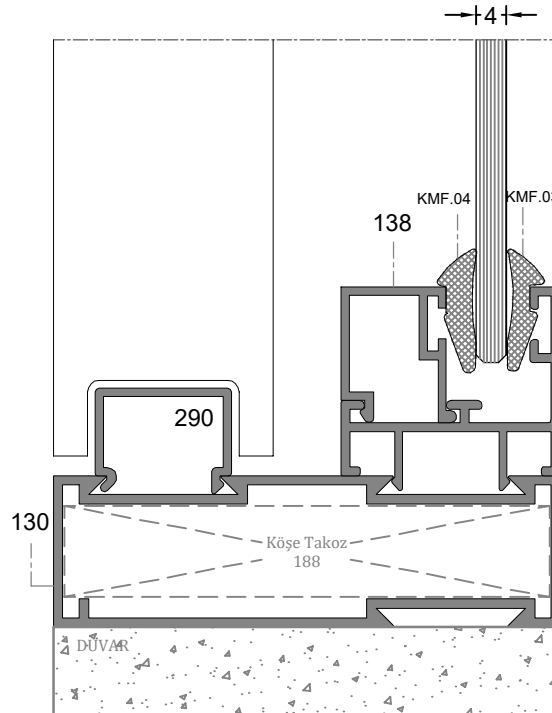


D-16



D-17

İÇ  
(INSIDE)



DIŞ  
(OUTSIDE)

D-18