

# UNIQUEslideMS

## KALDIR ve SÜR KAPI SİSTEMİ

### LIFT&SLIDE DOOR SYSTEM

|          |                                                                          |             |
|----------|--------------------------------------------------------------------------|-------------|
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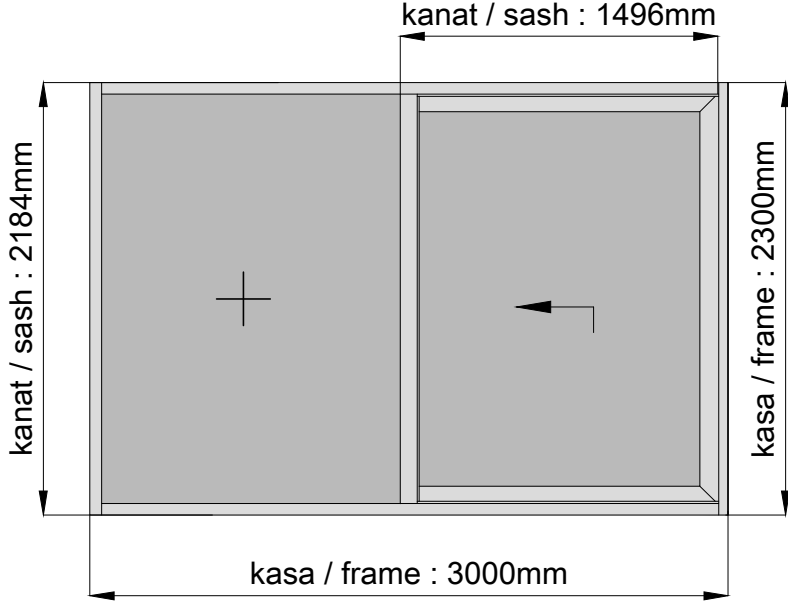
**UNIQUEslideMS**  
KALDIR ve SÜR KAPI SİSTEMİ  
LIFT&SLIDE DOOR SYSTEM

PERFORMANS ve THERMAL HESAPLAR  
PERFORMANCE and THERMAL  
CALCULATIONS

# UNIQUEslideMS

## LIFT&SLIDE KAPI SİSTEMİ

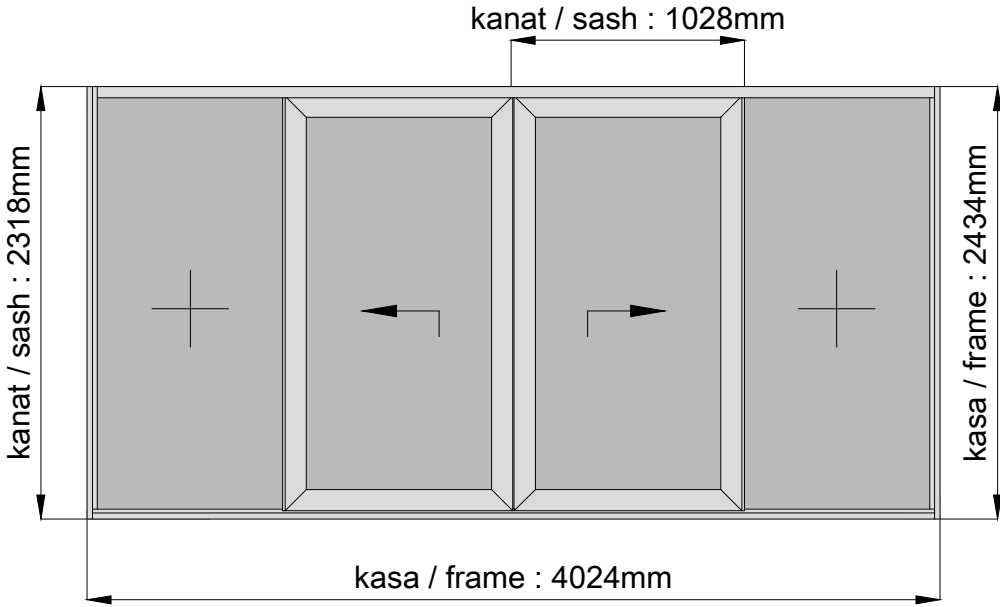
## LIFT&SLIDE DOORSYSTEM

| PERFORMANS TESTİ - performance test                                                 |                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------|
|  |                                                                   |
| TS EN 12207 - HAVA GEÇİRGENLİĞİ<br>TS EN 12207 - air permability                    | A 4 ( $\pm 600$ pa)<br>600pascal                                  |
| TS EN 12208 - SU SIZDIRMAZLIĞI<br>TS EN 12208 - water tightness                     | E 750 ( $\pm 750$ pa)<br>1200pascal                               |
| TS EN 12210 - RÜZGAR YÜKÜ DAYANIMI<br>TS EN 12210 - resistance to design wind load  | C4 (1600pa)<br>1600pascal                                         |
| TS EN 12210 - GÜVENLİK YÜKÜNE DAYANIMI<br>TS EN 12210 - resistance to safety load   | (2400pa)<br>2400pascal                                            |
| LABORATUAR ve TEST RAPORU NUMARASI<br>Laboratory and test report number             | Avrasya Cephe-Doğrama<br>Test ve Teknoloji Merkezi<br>23-032-PR02 |

# UNIQUEslideMS

## LIFT&SLIDE KAPI SİSTEMİ

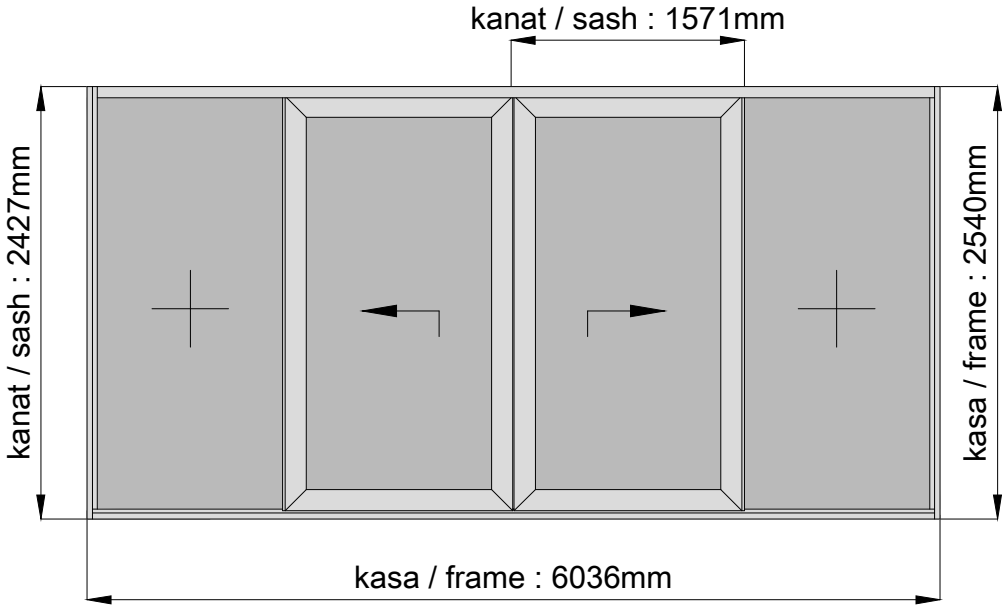
## LIFT&SLIDE DOORSYSTEM

| PERFORMANS TESTİ - performance test                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
|  <p>The diagram illustrates a lift&amp;slide door system with the following dimensions and components:</p> <ul style="list-style-type: none"><li><b>kanat / sash :</b> 1028mm (width of the sash)</li><li><b>kanat / sash :</b> 2318mm (height of the sash)</li><li><b>kasa / frame :</b> 2434mm (height of the frame)</li><li><b>kasa / frame :</b> 4024mm (width of the frame)</li></ul> <p>The drawing shows a cross-section of the door system with arrows indicating the sliding motion of the sash within the frame.</p> |                                                                   |
| TS EN 12207 - HAVA GEÇİRGENLİĞİ<br>TS EN 12207 - air permability                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A 4 ( $\pm 600$ pa)<br>600pascal                                  |
| TS EN 12208 - SU SIZDIRMAZLIĞI<br>TS EN 12208 - water tightness                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | E 1200 ( $\pm 1200$ pa)<br>1200pascal                             |
| TS EN 12210 - RÜZGAR YÜKÜ DAYANIMI<br>TS EN 12210 - resistance to design wind load                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | B4 (1750pa)<br>1750pascal                                         |
| TS EN 12210 - GÜVENLİK YÜKÜNE DAYANIMI<br>TS EN 12210 - resistance to safety load                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (2625pa)<br>2625pascal                                            |
| LABORATUAR ve TEST RAPORU NUMARASI<br>Laboratory and test report number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Avrasya Cephe-Doğrama<br>Test ve Teknoloji Merkezi<br>25-019-PR03 |

# UNIQUEslideMS

## LIFT&SLIDE KAPI SİSTEMİ

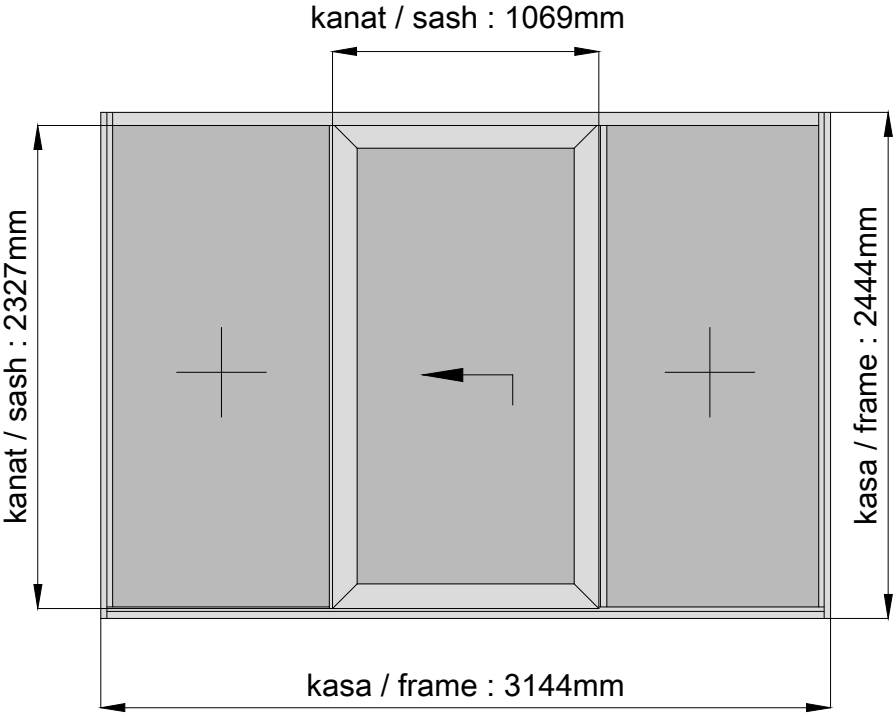
## LIFT&SLIDE DOORSYSTEM

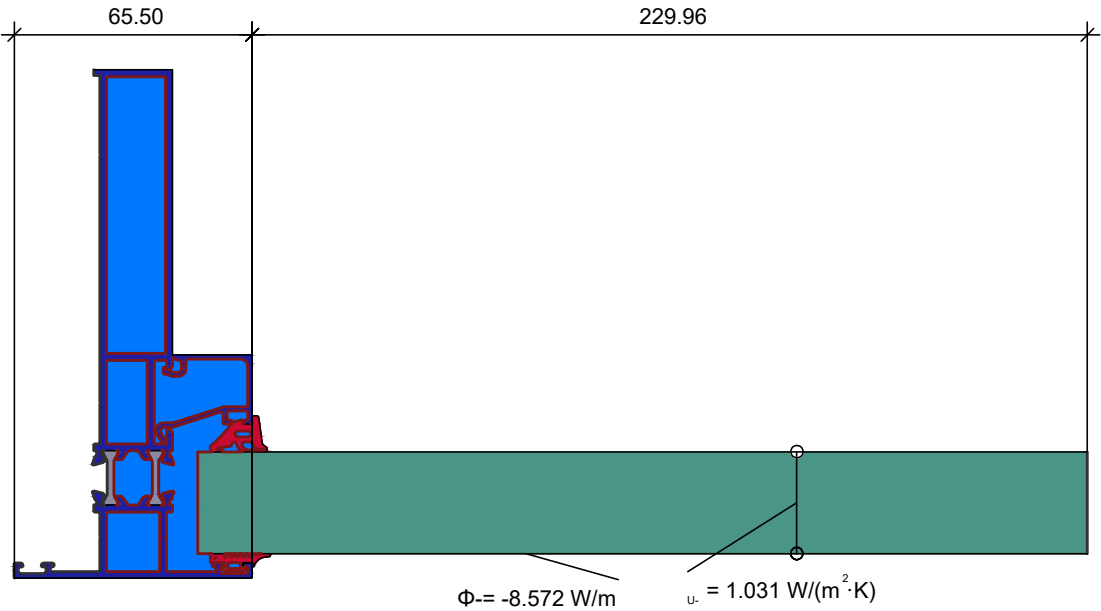
| PERFORMANS TESTİ - performance test                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
|  <p>The diagram illustrates a lift&amp;slide door system with the following dimensions and test parameters:</p> <ul style="list-style-type: none"><li>Top dimension: kanat / sash : 1571mm</li><li>Left vertical dimension: kanat / sash : 2427mm</li><li>Right vertical dimension: kasa / frame : 2540mm</li><li>Bottom horizontal dimension: kasa / frame : 6036mm</li></ul> <p>The diagram shows a cross-section of the door system with arrows indicating the movement of the sash and the frame.</p> |                                                 |
| TS EN 12207 - HAVA GEÇİRGENLİĞİ<br>TS EN 12207 - air permability                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | A 4 (±600pa)<br>600pascal                       |
| TS EN 12208 - SU SIZDIRMAZLIĞI<br>TS EN 12208 - water tightness                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | E 900 (±900pa)<br>900pascal                     |
| TS EN 12210 - RÜZGAR YÜKÜ DAYANIMI<br>TS EN 12210 - resistance to design wind load                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | B5 (2000pa)<br>2000pascal                       |
| TS EN 12210 - GÜVENLİK YÜKÜNE DAYANIMI<br>TS EN 12210 - resistance to safety load                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (3000pa)<br>3000pascal                          |
| LABORATUAR ve TEST RAPORU NUMARASI<br>Laboratory and test report number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | FTI facade testing institute<br>160.1708.1/2022 |

# UNIQUEslideMS

## LIFT&SLIDE KAPI SİSTEMİ

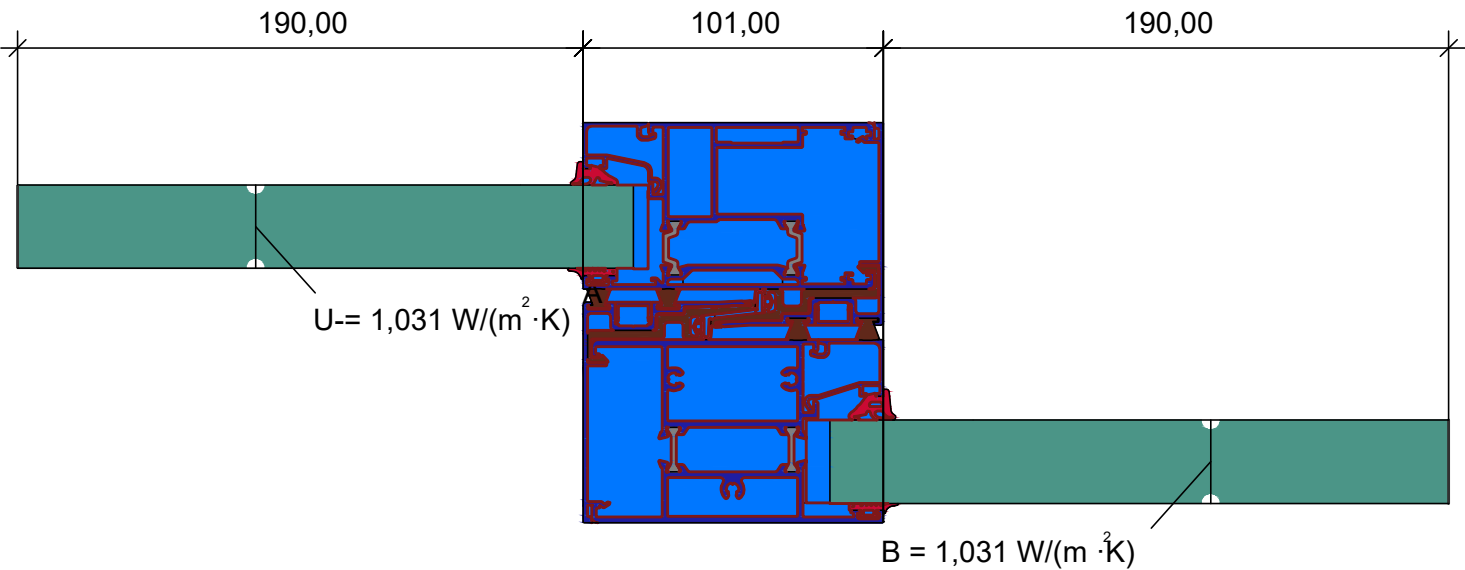
## LIFT&SLIDE DOORSYSTEM

| PERFORMANS TESTİ - performance test                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
|  <p>The diagram shows a cross-section of a lift&amp;slide door system. The central sash is labeled 'kanat / sash : 1069mm'. The frame is labeled 'kasa / frame : 3144mm'. The sash height is labeled 'kanat / sash : 2327mm'. The frame height is labeled 'kasa / frame : 2444mm'. The sash is shown in a closed position with an arrow indicating it can slide to the left. The frame is shown in a closed position with an arrow indicating it can slide to the right.</p> |                                                 |
| TS EN 12207 - HAVA GEÇİRGENLİĞİ<br>TS EN 12207 - air permability                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | A 4 (±600pa)<br>600pascal                       |
| TS EN 12208 - SU SIZDIRMAZLIĞI<br>TS EN 12208 - water tightness                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | E 900 (±900pa)<br>900pascal                     |
| TS EN 12210 - RÜZGAR YÜKÜ DAYANIMI<br>TS EN 12210 - resistance to design wind load                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | B5 (2000pa)<br>2000pascal                       |
| TS EN 12210 - GÜVENLİK YÜKÜNE DAYANIMI<br>TS EN 12210 - resistance to safety load                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (3000pa)<br>3000pascal                          |
| LABORATUAR ve TEST RAPORU NUMARASI<br>Laboratory and test report number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | FTI facade testing institute<br>020.1671.1/2021 |



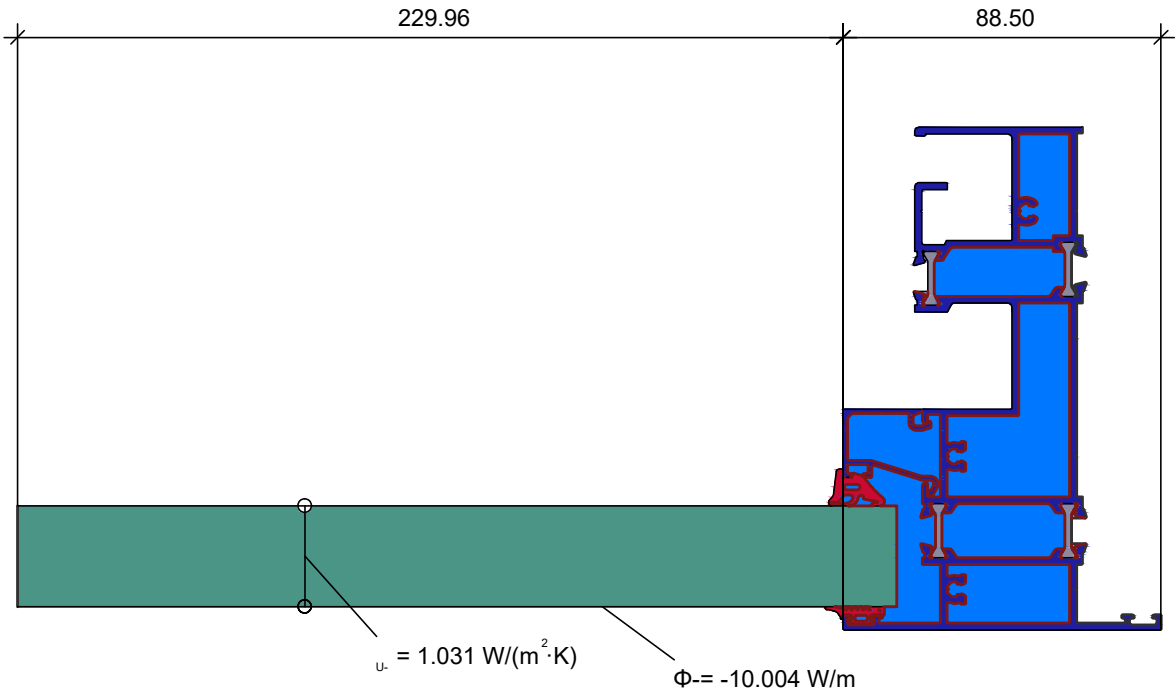
$$U_f = \frac{\frac{\Phi}{\Delta T} \cdot b_p}{b_f} = \frac{\frac{8.572}{20.000} - 1.031 \cdot 0.230}{0.066} = 2.92 \text{ W/(m} \cdot \text{K)}$$

| Material                                | $\lambda$ [W/(m·K)] | $\epsilon$ | Boundary Condition       | $q$ [W/m <sup>2</sup> ] | $\theta$ [°C] | $R$ [(m·K)/W] | $\epsilon$ |
|-----------------------------------------|---------------------|------------|--------------------------|-------------------------|---------------|---------------|------------|
| Aluminium (Si Alloys)                   | 160.000             | 0.900      | Epsilon 0.9              |                         |               |               | 0.900      |
| EPDM (ethylene propylene diene monomer) | 0.250               | 0.900      | Exterior, frame          | 0.000                   |               | 0.040         |            |
| Panel                                   | 0.035               | 0.900      | Interior, frame, normal  | 20.000                  |               | 0.130         |            |
| Polyamid 6.6 with 25% glass fibre       | 0.300               | 0.900      | Interior, frame, reduced | 20.000                  |               | 0.200         |            |
| Slightly ventilated air cavity          | anisotropic         |            | Symmetry/Model section   | 0.000                   |               |               |            |
| Unventilated air cavity                 | anisotropic         |            |                          |                         |               |               |            |



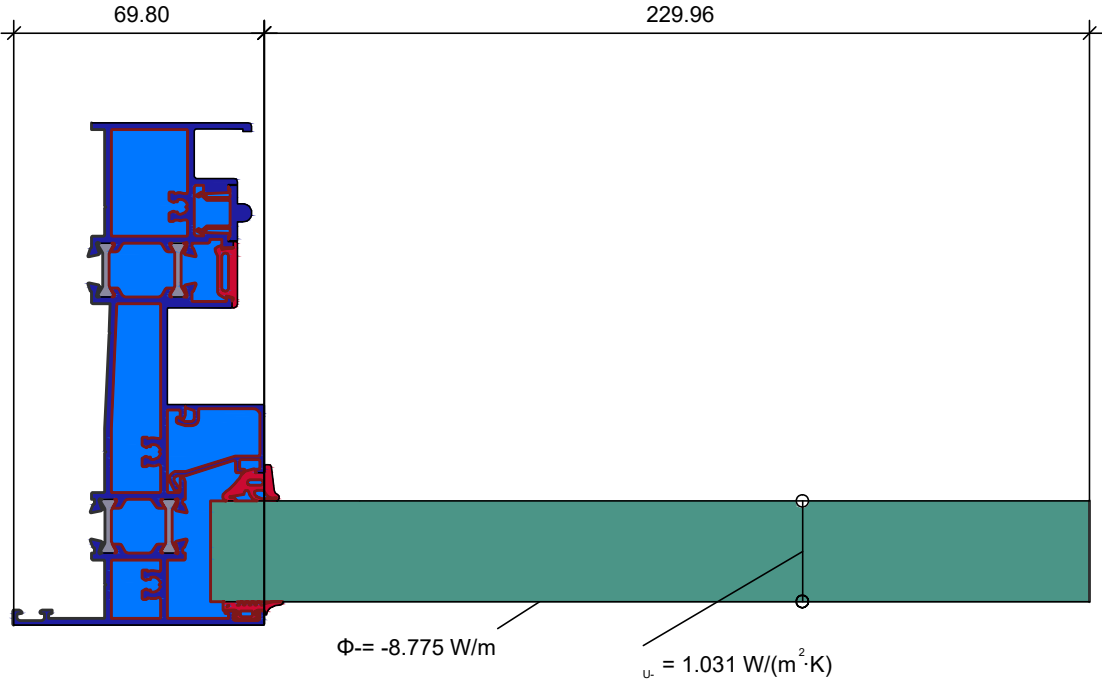
$$U_f = \frac{\Phi}{DT} = \frac{20,662}{20,000} - 1,031 \cdot 0,200 - 1,031 \cdot 0,200 = 4,15 \text{ W/(m}^2 \cdot \text{K)}$$

| Material                                | $\lambda$ [W/(m·K)] | $\epsilon$ | Boundary Condition       | $q$ [W/m²] | $\theta$ [C°] | $R$ [(m·K)/W] | $\epsilon$ |
|-----------------------------------------|---------------------|------------|--------------------------|------------|---------------|---------------|------------|
| Aluminium (Si Alloys)                   | 160.000             | 0.900      | Epsilon 0.9              |            |               |               | 0.900      |
| EPDM (ethylene propylene diene monomer) | 0.250               | 0.900      | Exterior, frame          | 0.000      |               | 0.040         |            |
| Panel                                   | 0.035               | 0.900      | Interior, frame, normal  | 20.000     |               | 0.130         |            |
| Polyamid 6.6 with 25% glass fibre       | 0.300               | 0.900      | Interior, frame, reduced | 20.000     |               | 0.200         |            |
| Slightly ventilated air cavity          | anisotropic         |            | Symmetry/Model section   | 0.000      |               |               |            |
| Unventilated air cavity                 | anisotropic         |            |                          |            |               |               |            |



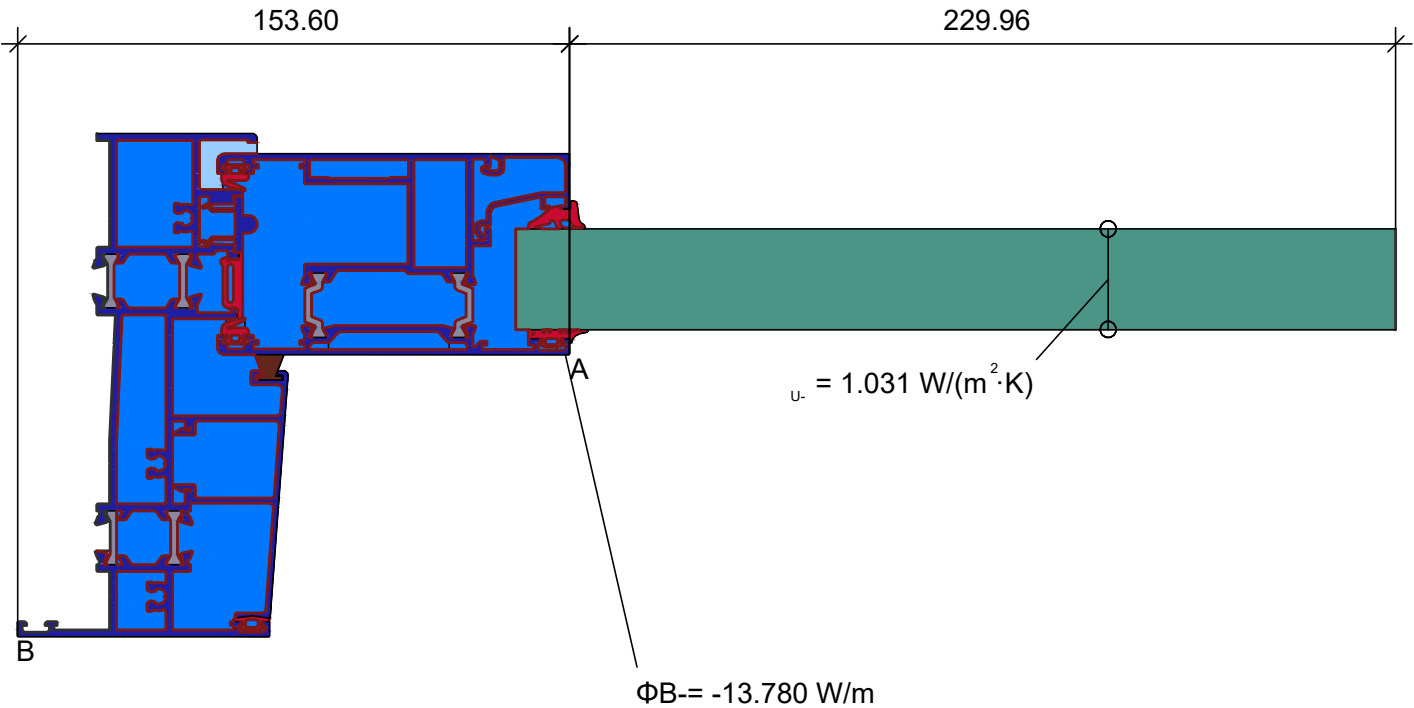
$$U_f = \frac{\frac{\Phi}{\Delta T} - U_p \cdot b_p}{b_f} = \frac{\frac{10.004}{20.000} - 1.031 \cdot 0.230}{0.089} = 2.97 \text{ W}/(\text{m} \cdot \text{K})$$

| Material                                | $\lambda[\text{W}/(\text{m} \cdot \text{K})]$ | $\epsilon$ | Boundary Condition       | $q[\text{W}/\text{m}^2]$ | $\theta[^\circ \text{C}]$ | $R[(\text{m} \cdot \text{K})/\text{W}]$ | $\epsilon$ |
|-----------------------------------------|-----------------------------------------------|------------|--------------------------|--------------------------|---------------------------|-----------------------------------------|------------|
| Aluminium (Si Alloys)                   | 160.000                                       | 0.900      | Epsilon 0.9              |                          |                           |                                         | 0.900      |
| EPDM (ethylene propylene diene monomer) | 0.250                                         | 0.900      | Exterior, frame          | 0.000                    |                           | 0.040                                   |            |
| Panel                                   | 0.035                                         | 0.900      | Interior, frame, normal  | 20.000                   |                           | 0.130                                   |            |
| Polyamid 6.6 with 25% glass fibre       | 0.300                                         | 0.900      | Interior, frame, reduced | 20.000                   |                           | 0.200                                   |            |
| Slightly ventilated air cavity          | anisotropic                                   |            | Symmetry/Model section   | 0.000                    |                           |                                         |            |
| Unventilated air cavity                 | anisotropic                                   |            |                          |                          |                           |                                         |            |



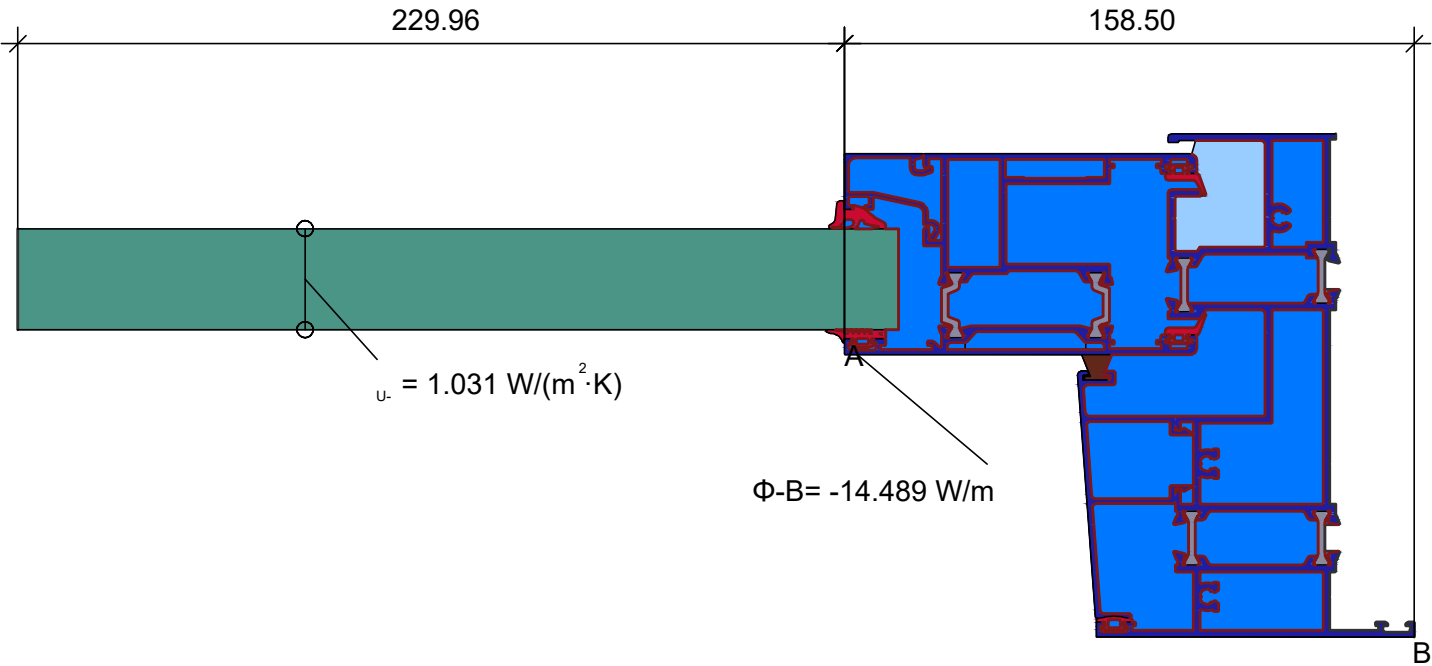
$$U_f = \frac{\frac{\Phi}{\Delta T} \cdot b_p}{b_f} = \frac{\frac{8.775}{20.000} - 1.031 \cdot 0.230}{0.070} = 2.89 \text{ W/(m} \cdot \text{K)}$$

| Material                                | $\lambda$ [W/(m·K)] | $\epsilon$ | Boundary Condition       | $q$ [W/m <sup>2</sup> ] | $\theta$ [°C] | $R$ [(m·K)/W] | $\epsilon$ |
|-----------------------------------------|---------------------|------------|--------------------------|-------------------------|---------------|---------------|------------|
| Aluminium (Si Alloys)                   | 160.000             | 0.900      | Epsilon 0.9              |                         |               |               | 0.900      |
| EPDM (ethylene propylene diene monomer) | 0.250               | 0.900      | Exterior, frame          | 0.000                   |               | 0.040         |            |
| Panel                                   | 0.035               | 0.900      | Interior, frame, normal  | 20.000                  |               | 0.130         |            |
| Polyamid 6.6 with 25% glass fibre       | 0.300               | 0.900      | Interior, frame, reduced | 20.000                  |               | 0.200         |            |
| Slightly ventilated air cavity          | anisotropic         |            | Symmetry/Model section   | 0.000                   |               |               |            |
| Unventilated air cavity                 | anisotropic         |            |                          |                         |               |               |            |



$$U_{f\,A,B} = \frac{\frac{\Phi}{\Delta T} - U_p \cdot b_p}{b_f} = \frac{\frac{13.780}{20.000} - 1.031 \cdot 0.230}{0.154} = 2.94\, W/(m \cdot K)$$

| Material                                | λ[W/(m·K)]  | ε     | Boundary Condition       | q[W/m <sup>2</sup> ] | θ[ °C] | R[(m ·K)/λW] | ε     |
|-----------------------------------------|-------------|-------|--------------------------|----------------------|--------|--------------|-------|
| Aluminium (Si Alloys)                   | 160.000     | 0.900 | Epsilon 0.9              |                      |        |              | 0.900 |
| EPDM (ethylene propylene diene monomer) | 0.250       | 0.900 | Exterior, frame          | 0.000                |        | 0.040        |       |
| Panel                                   | 0.035       | 0.900 | Interior, frame, normal  | 20.000               |        | 0.130        |       |
| Polyamid 6.6 with 25% glass fibre       | 0.300       | 0.900 | Interior, frame, reduced | 20.000               |        | 0.200        |       |
| Slightly ventilated air cavity          | anisotropic |       | Symmetry/Model section   | 0.000                |        |              |       |
| Unventilated air cavity                 | anisotropic |       |                          |                      |        |              |       |

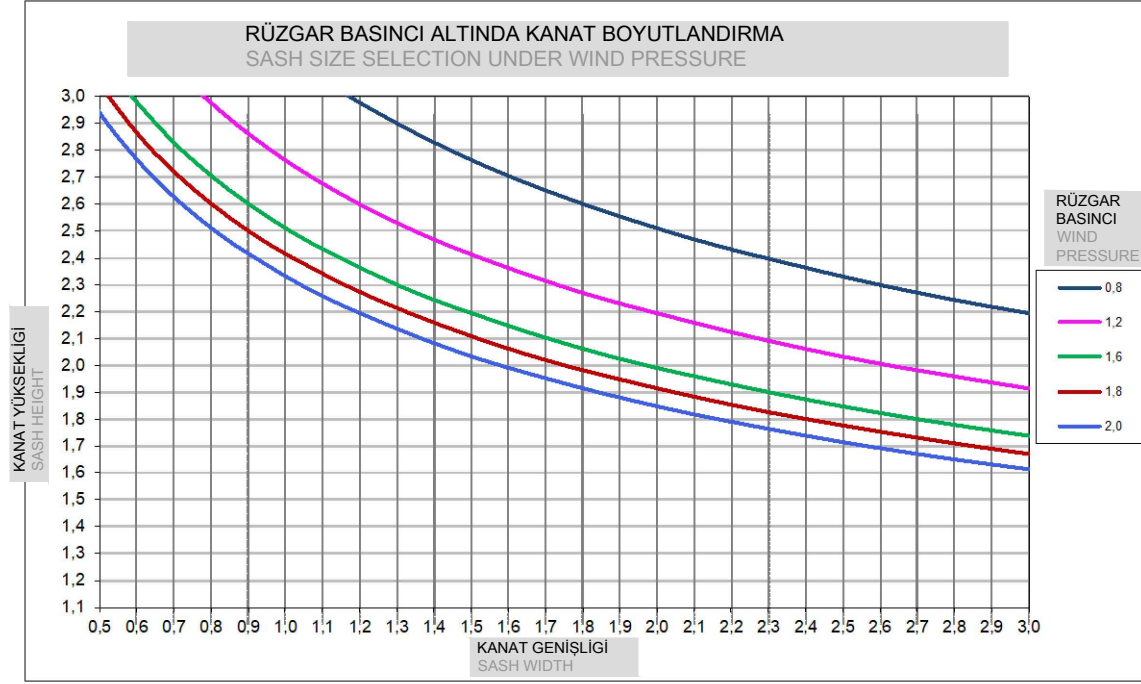


$$U_{f\ A,B} = \frac{\frac{\Phi}{\Delta T} \cdot b_p}{b_f} = \frac{\frac{14.489}{20.000} - 1.031 \cdot 0.230}{0.159} = 3.08\ W/(m \cdot K)$$

| Material                                | $\lambda[W/(m \cdot K)]$ | $\epsilon$ | Boundary Condition       | $q[W/m^2]$ | $\theta[C]$ | $R[(m \cdot K)/W]$ | $\epsilon$ |
|-----------------------------------------|--------------------------|------------|--------------------------|------------|-------------|--------------------|------------|
| Aluminium (Si Alloys)                   | 160.000                  | 0.900      | Epsilon 0.9              |            |             |                    | 0.900      |
| EPDM (ethylene propylene diene monomer) | 0.250                    | 0.900      | Exterior, frame          | 0.000      |             | 0.040              |            |
| Panel                                   | 0.035                    | 0.900      | Interior, frame, normal  | 20.000     |             | 0.130              |            |
| Polyamid 6.6 with 25% glass fibre       | 0.300                    | 0.900      | Interior, frame, reduced | 20.000     |             | 0.200              |            |
| Slightly ventilated air cavity          | anisotropic              |            | Symmetry/Model section   | 0.000      |             |                    |            |
| Unventilated air cavity                 | anisotropic              |            |                          |            |             |                    |            |

**UNIQUEslideMS**  
KALDIR ve SÜR KAPI SİSTEMİ  
LIFT&SLIDE DOOR SYSTEM

KANAT için STATİK DİAGRAM  
STATICAL DIAGRAM for SASH



**KANAT STATİK DİAGRAM**  
STATICAL DIAGRAM for SASH

**KANAT AĞIRLIĞI : 400kg**  
SASH WEIGHT : 400kg

SEHİM LİMİTİ L/200 yada 15mm dir.

FARKLI RENKLİ EGRİSEL ÇİZGİLER, FARKLI RÜZGAR BASINCLARI ALTINDA, UYGULANABİLİR MAKSİMUM KANAT BOYUTLARINI GÖSTERİR.

ÜSTTEKİ TABLOYA GÖRE SEÇİLEN KANAT BOYUTU, CAM TEDARİKÇİSİNE BİLDİRİLEREK, İZİN VERİLEN BOYUT ve SEHİMİN, SEÇİLEN

CAMA UYGUN OLUP OLMADIĞI TEYİD EDİLMELİ ve ONAY ALINMALIDIR.

**DİKKAT:**

Bu statik hesap şeması ön yapısal hesaplamalar ve profil seçimi için tasarlanmıştır.

Bu şema nihai yapısal hesaplama için bir alternatif değildir, Statik Rapor olarak kullanılamaz.

Statik Hesaplar Mutlaka Uygulamacı Tarafından Yapıtırılmalıdır.

DEFLECTION LIMIT L / 200 or 15mm.

THE LINE SHOW MAXIMUM SIZES FOR THE INDICATE PRESSURE.

VERIFY THAT THE DEFLECTION OF THE SECTION IS COMPATIBLE WITH THE EMPLOYED GLASS.

DIN EN 12210 for the standard building area

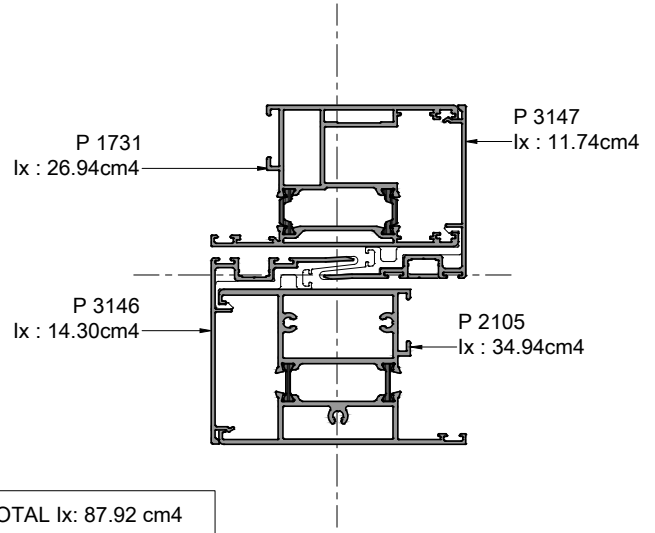
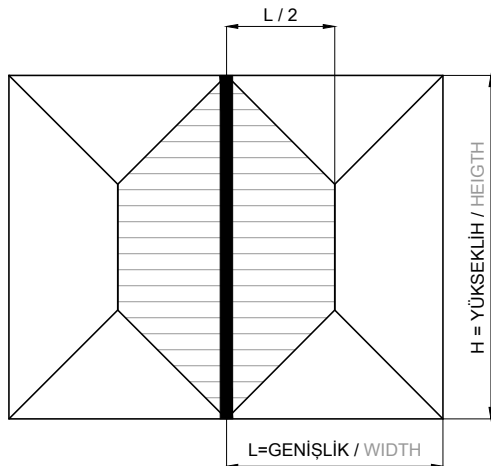
Deflection limit L/200 or max. 15mm in accordance with TRLV

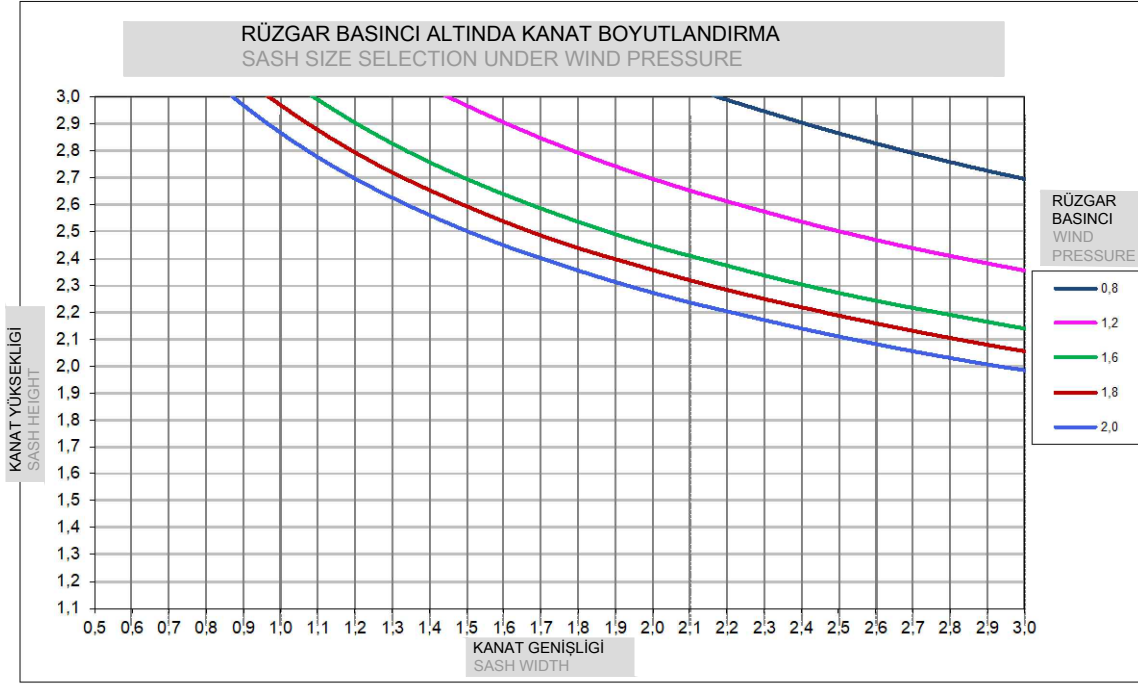
Differing deflection limits set by the double glazing manufacturer must be observed.

These statics diagram are intended for preliminary structural calculations and profile selection.

This is not a substitute for a final structural calculation.

Sash sizes below the line are structurally adequate.





**KANAT STATİK DİAGRAM**  
STATICAL DIAGRAM for SASH

**KANAT AĞIRLIĞI : 400kg**  
**SASH WEIGHT : 400kg**

SEHİM LİMİTİ L/200 yada 15mm dir.

FARKLI RENKLİ EGRİSEL ÇİZGİLER, FARKLI RÜZGAR BASINCLARI ALTINDA, UYGULANABİLİR MAKSİMUM KANAT BOYUTLARINI GÖSTERİR.

ÜSTTEKİ TABLOYA GÖRE SEÇİLEN KANAT BOYUTU, CAM TEDARİKÇİSİNE BİLDİRİLEREK, İZİN VERİLEN BOYUT ve SEHİMİN, SEÇİLEN

CAMA UYGUN OLUP OLMADIĞI TEYİD EDİLMELİ ve ONAY ALINMALIDIR.

**DİKKAT:**

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Statik Hesaplar Mutlaka Uygulamacı Tarafından Yapıtırılmalıdır.

DEFLECTION LIMIT L / 200 or 15mm.

THE LINE SHOW MAXIMUM SIZES FOR THE INDICATE PRESSURE.

VERIFY THAT THE DEFLECTION OF THE SECTION IS COMPATIBLE WITH THE EMPLOYED GLASS.

DIN EN 12210 for the standard building area

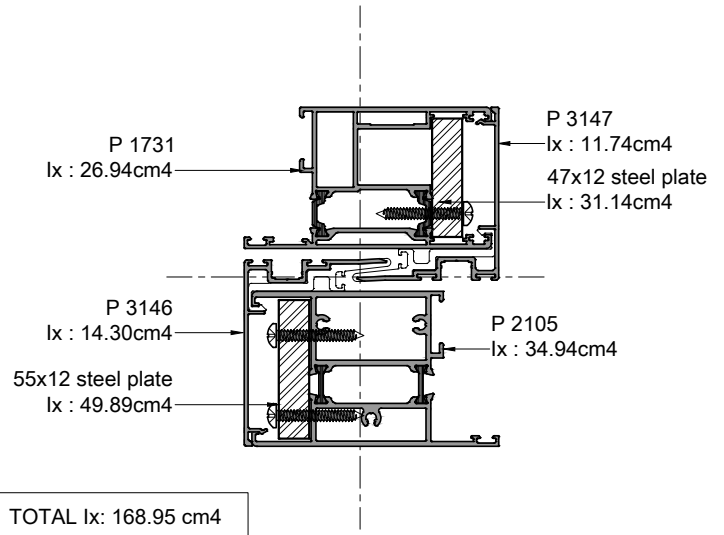
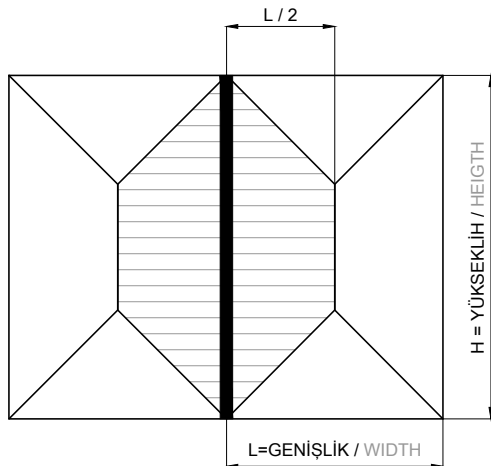
Deflection limit L/200 or max. 15mm in accordance with TRLV

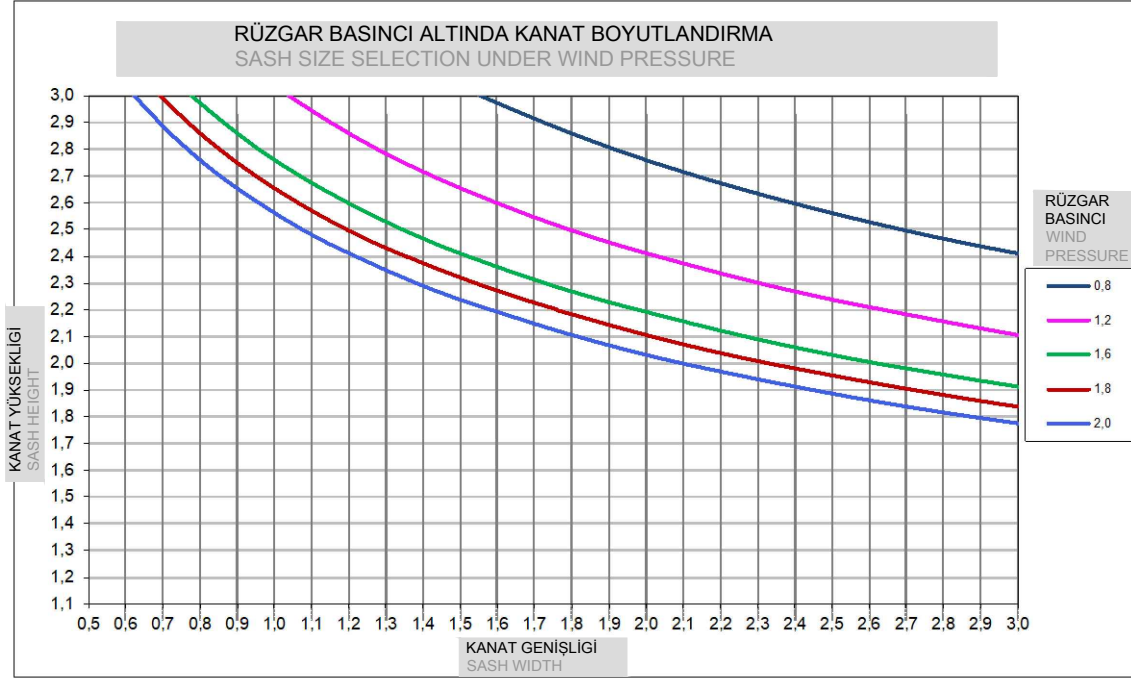
Differing deflection limits set by the double glazing manufacturer must be observed.

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**KANAT STATİK DİAGRAM**  
STATICAL DIAGRAM for SASH

**KANAT AĞIRLIĞI : 400kg**  
**SASH WEIGHT : 400kg**

SEHİM LİMİTİ L/200 yada 15mm dir.

FARKLI RENKLİ EGRİSEL ÇİZGİLER, FARKLI RÜZGAR BASINCLARI ALTINDA, UYGULANABİLİR MAKSİMUM KANAT BOYUTLARINI GÖSTERİR.

ÜSTTEKİ TABLOYA GÖRE SEÇİLEN KANAT BOYUTU, CAM TEDARİKÇİSİNE BİLDİRİLEREK, İZİN VERİLEN BOYUT ve SEHİMİN, SEÇİLEN

CAMA UYGUN OLUP OLMADIĞI TEYİD EDİLMELİ ve ONAY ALINMALIDIR.

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Statik Hesaplar Mutlaka Uygulamacı Tarafından Yapılmalıdır.

DEFLECTION LIMIT L / 200 or 15mm.

THE LINE SHOW MAXIMUM SIZES FOR THE INDICATE PRESSURE.

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DIN EN 12210 for the standard building area

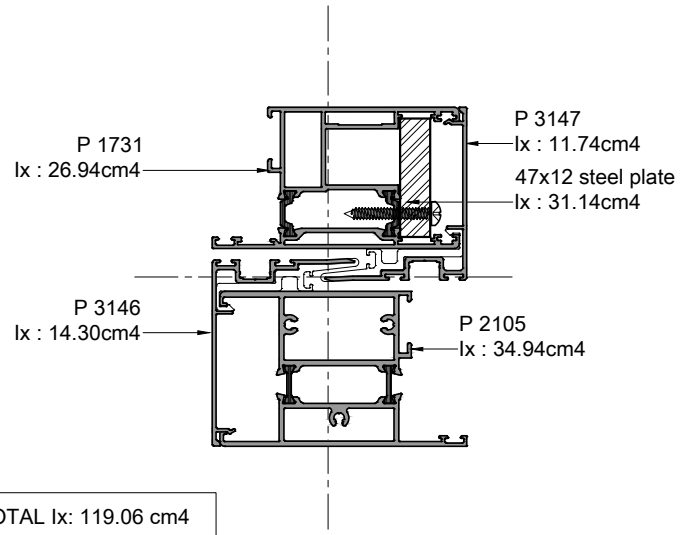
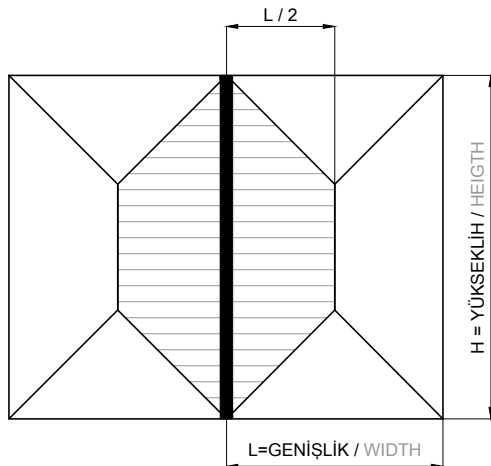
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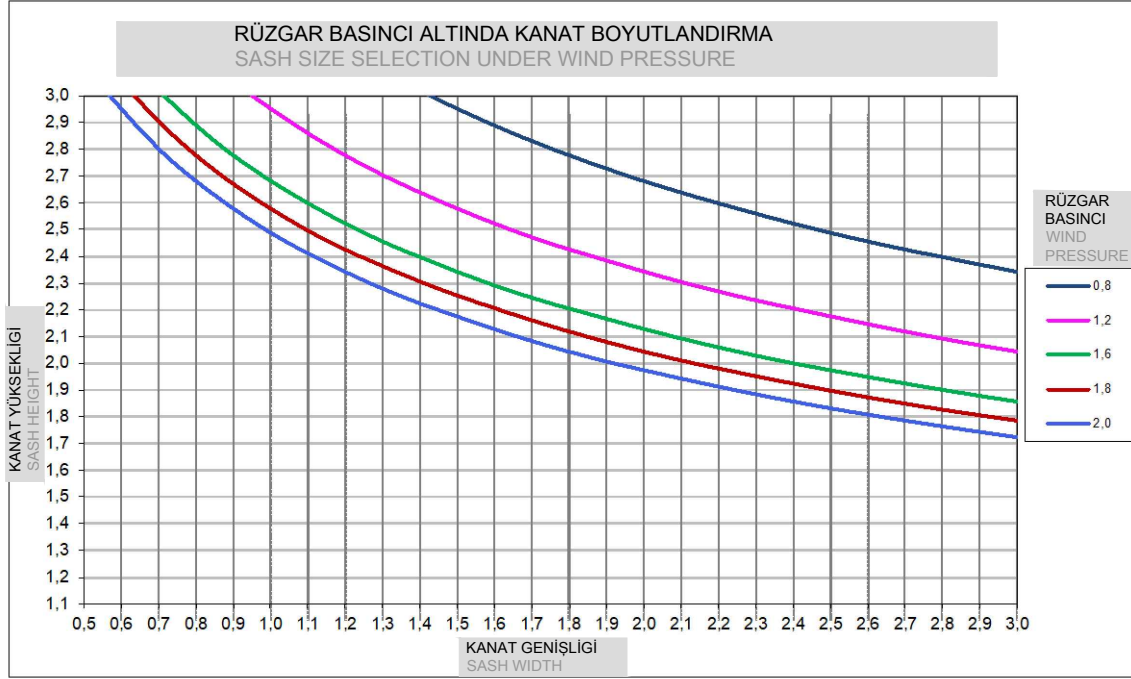
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STATICAL DIAGRAM for SASH

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SASH WEIGHT : 400kg

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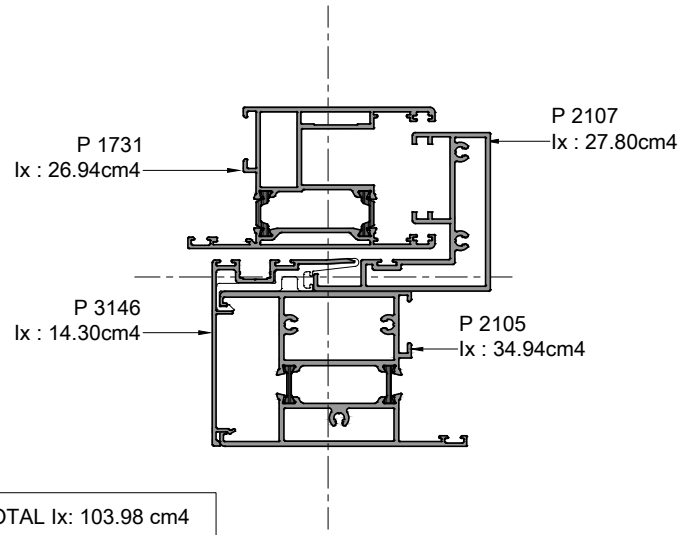
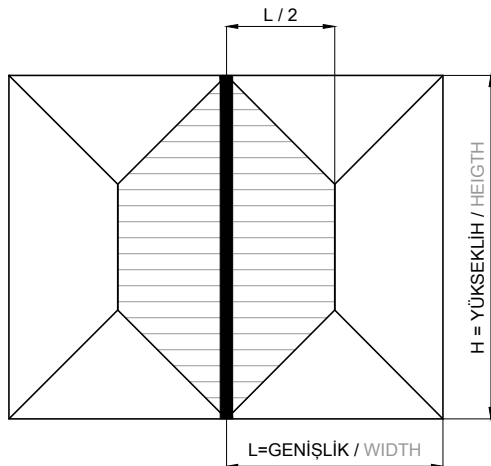
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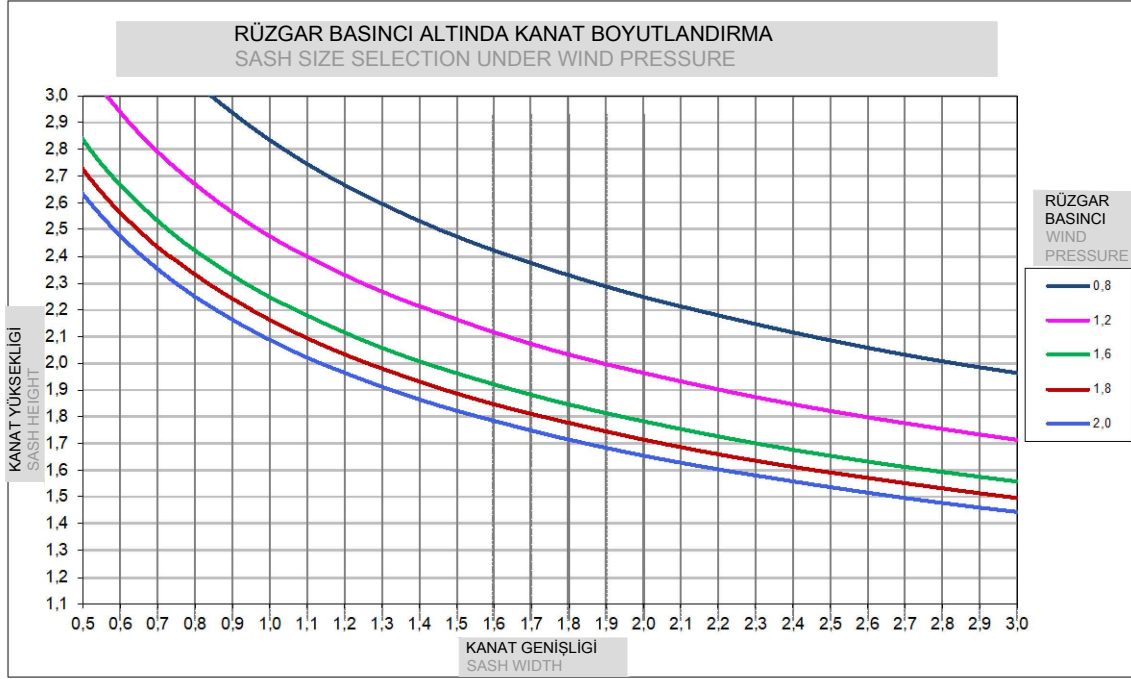
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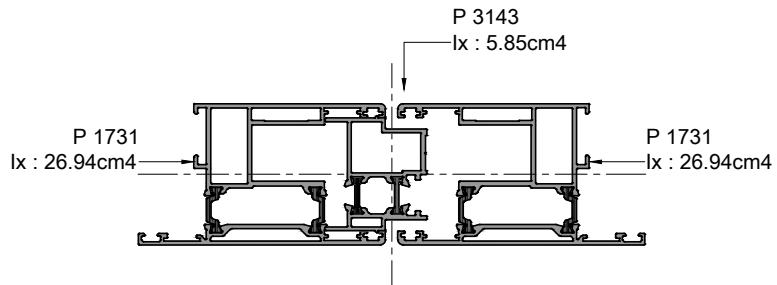
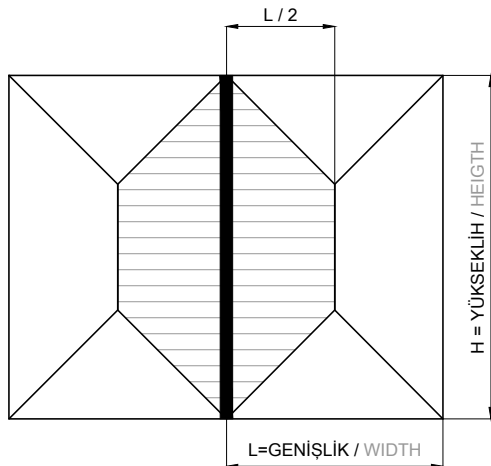
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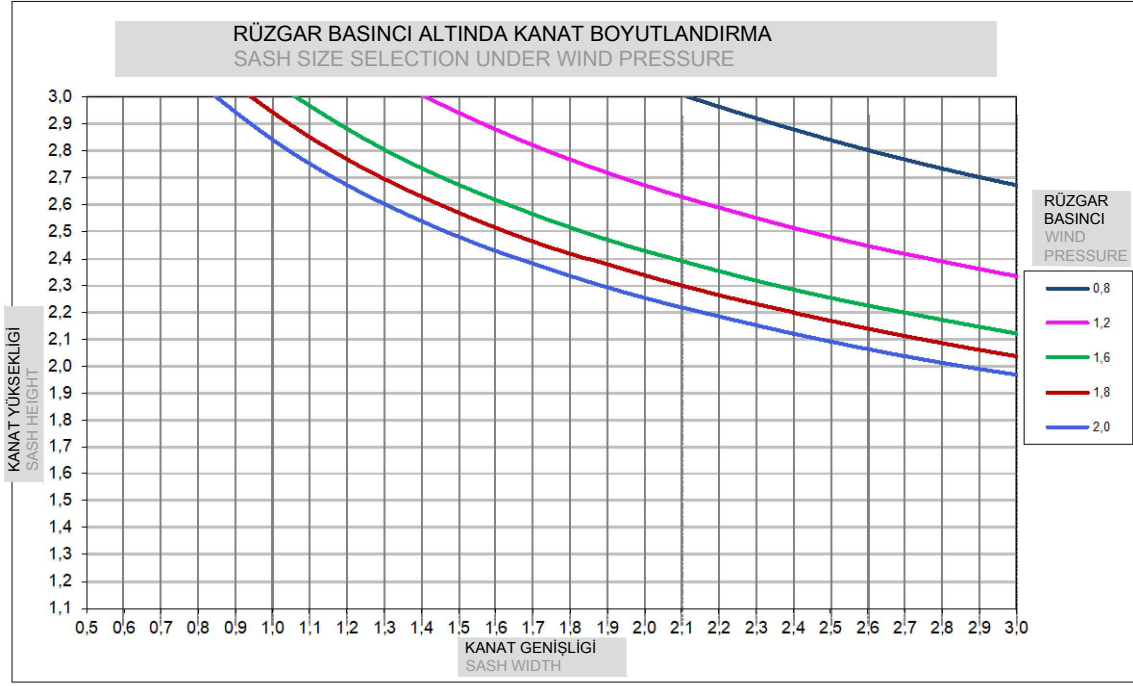
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**TOTAL Ix : 59.73 cm4**



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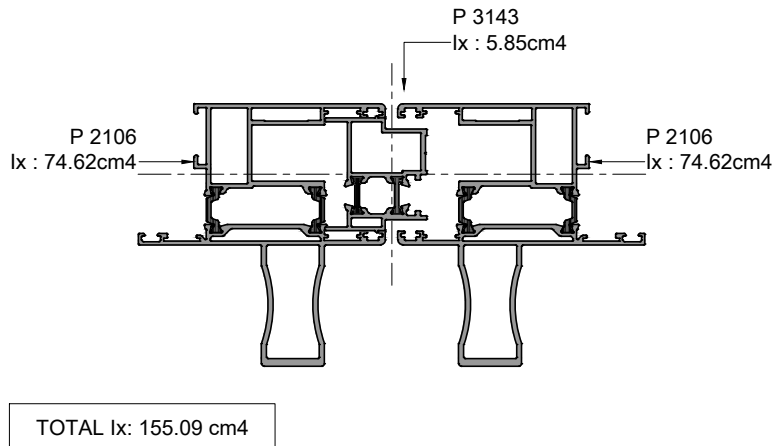
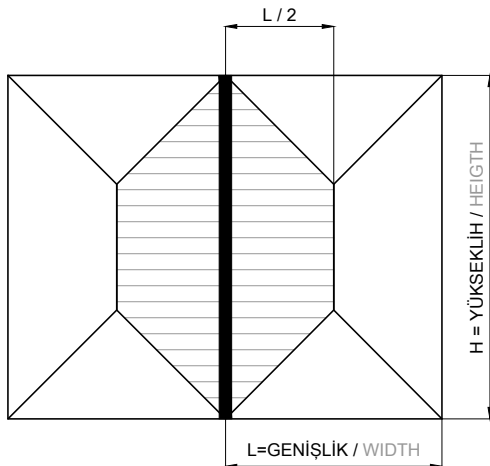
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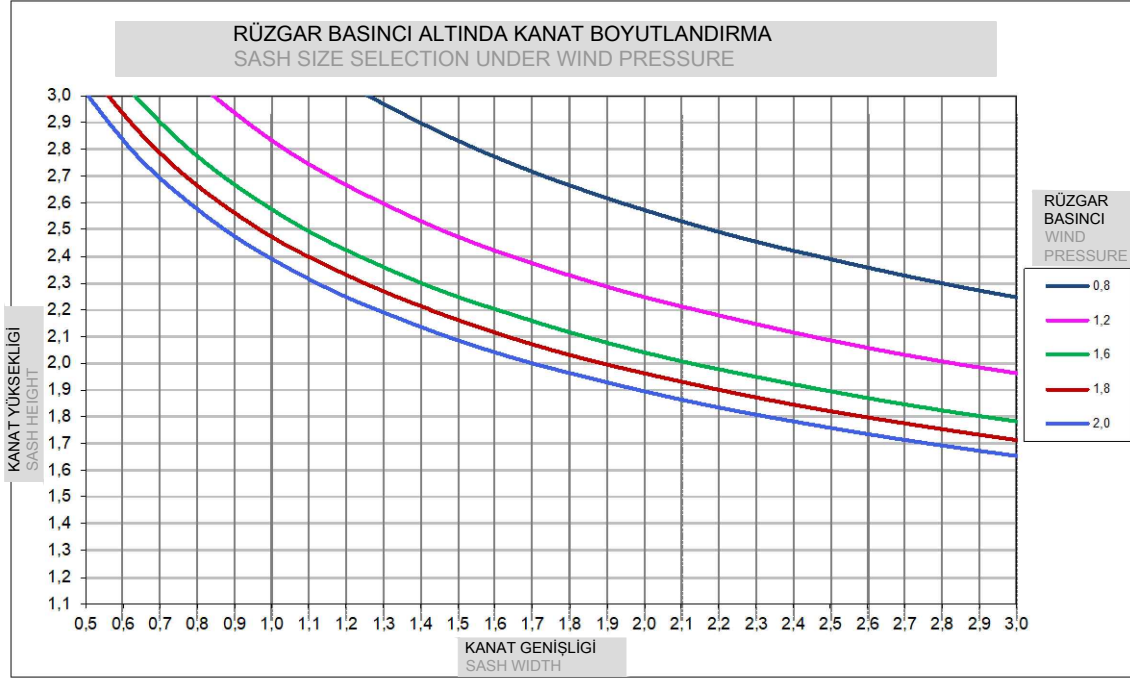
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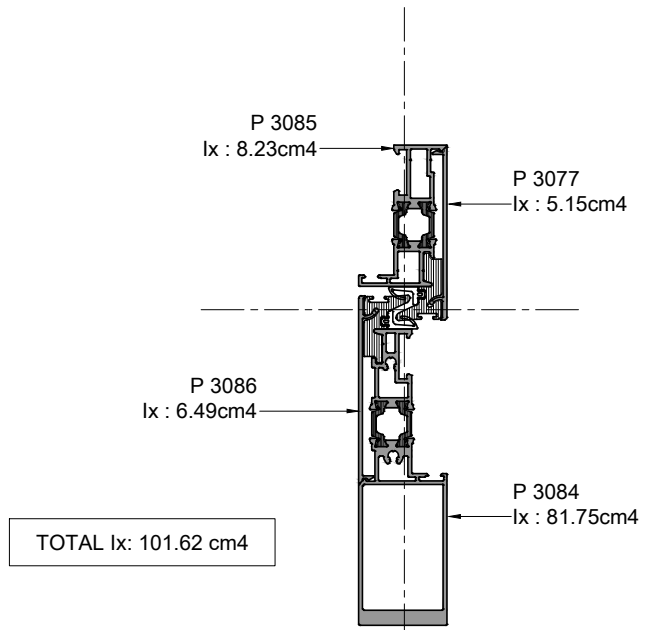
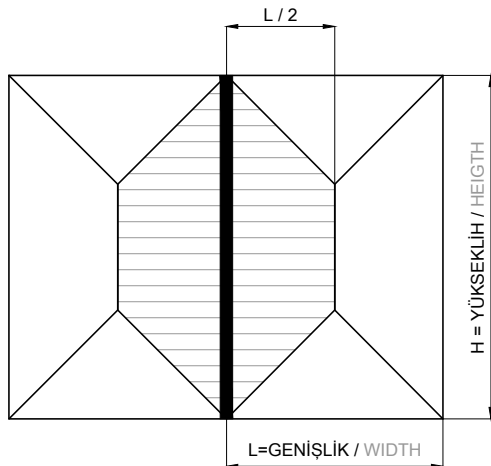
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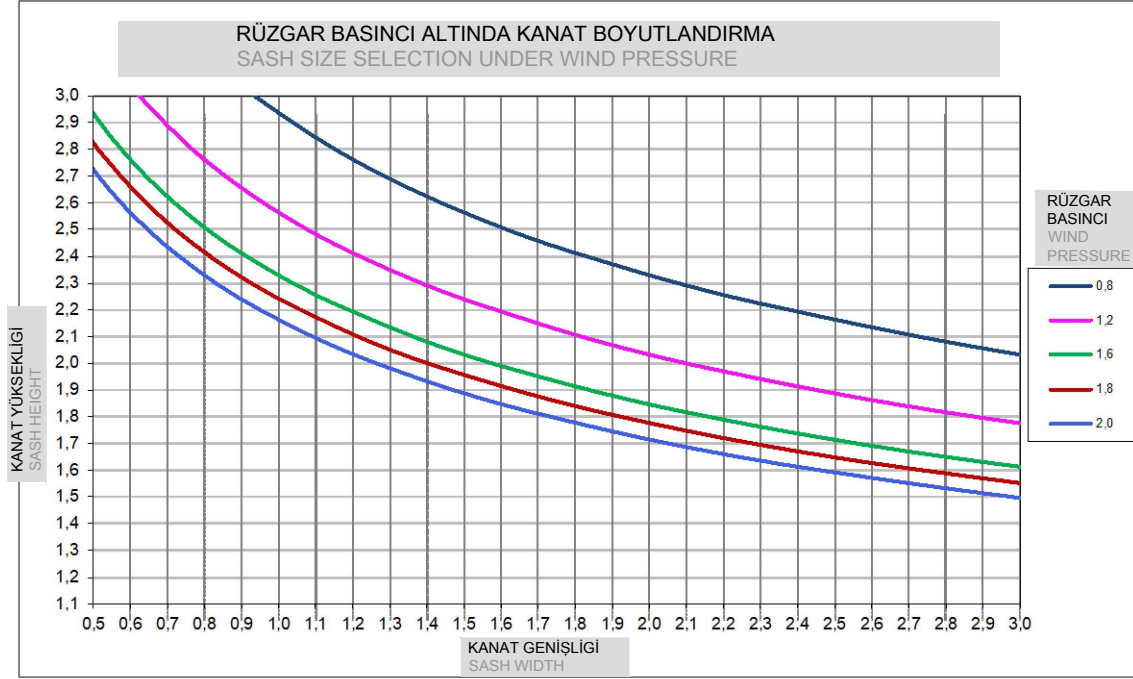
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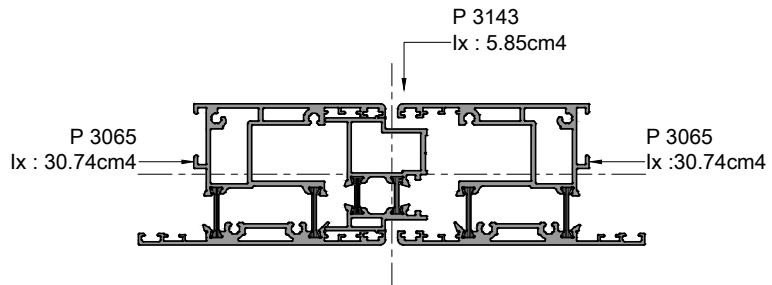
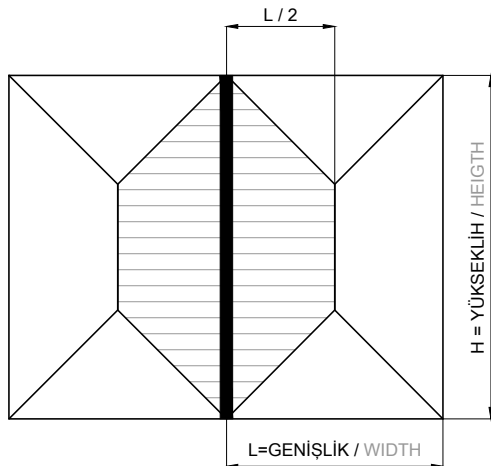
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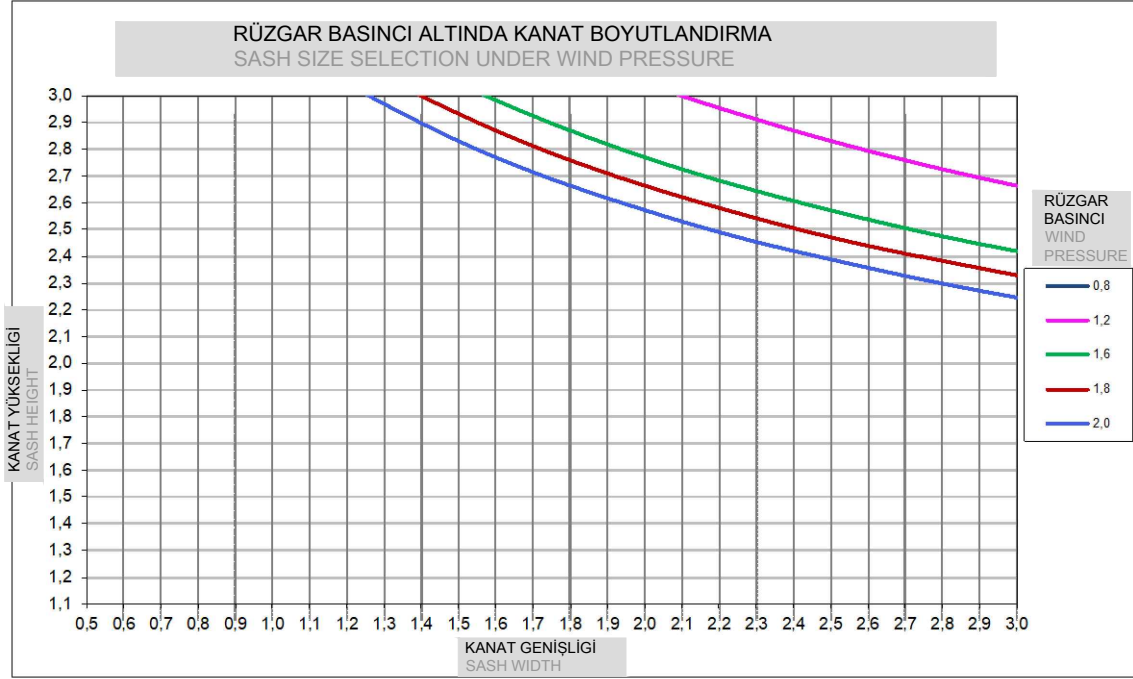
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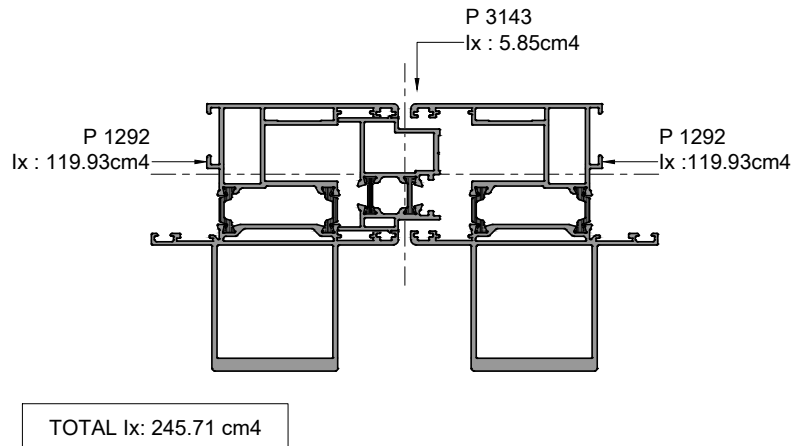
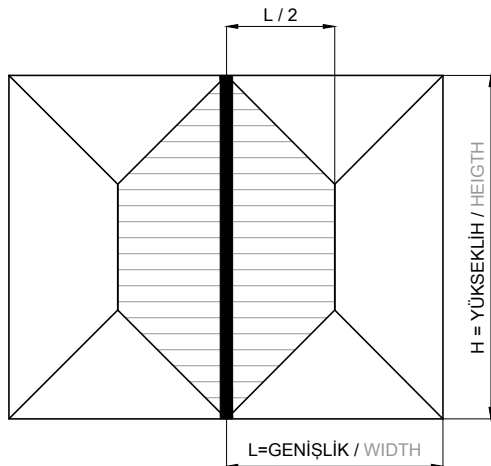
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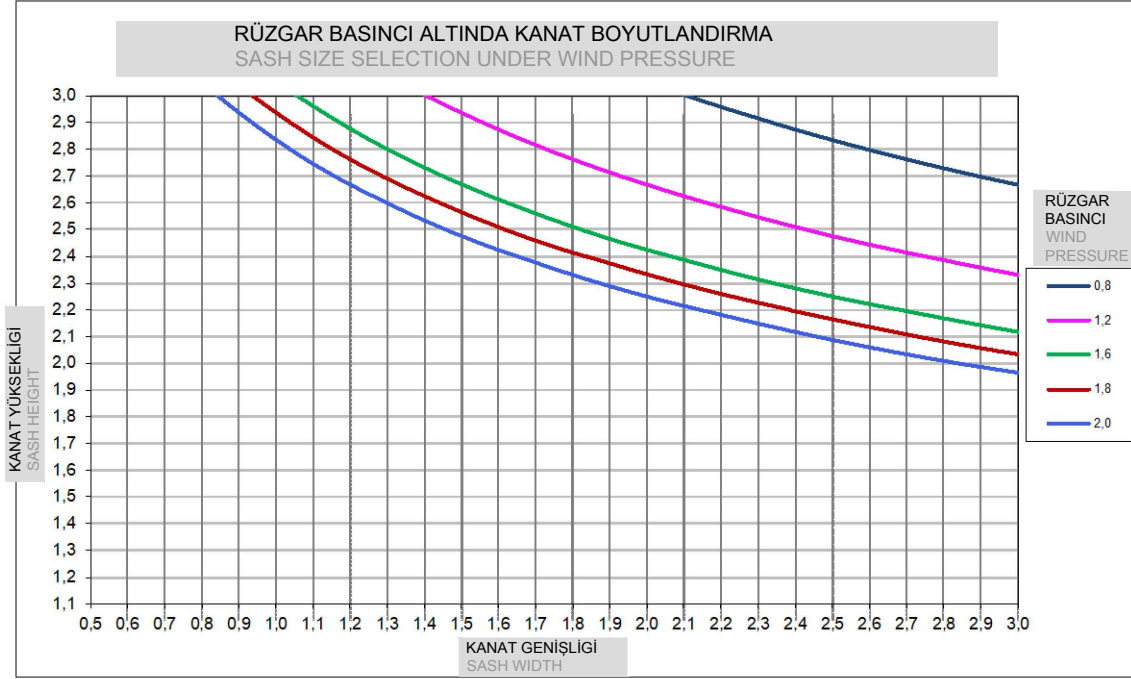
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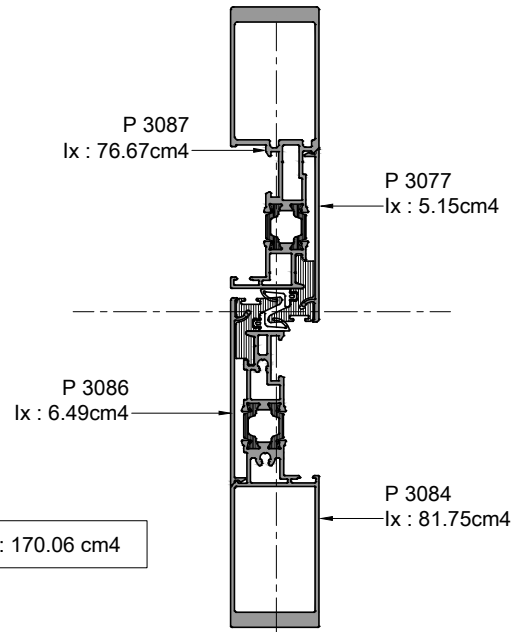
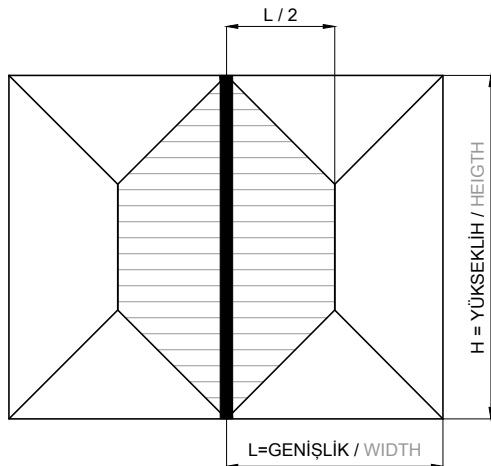
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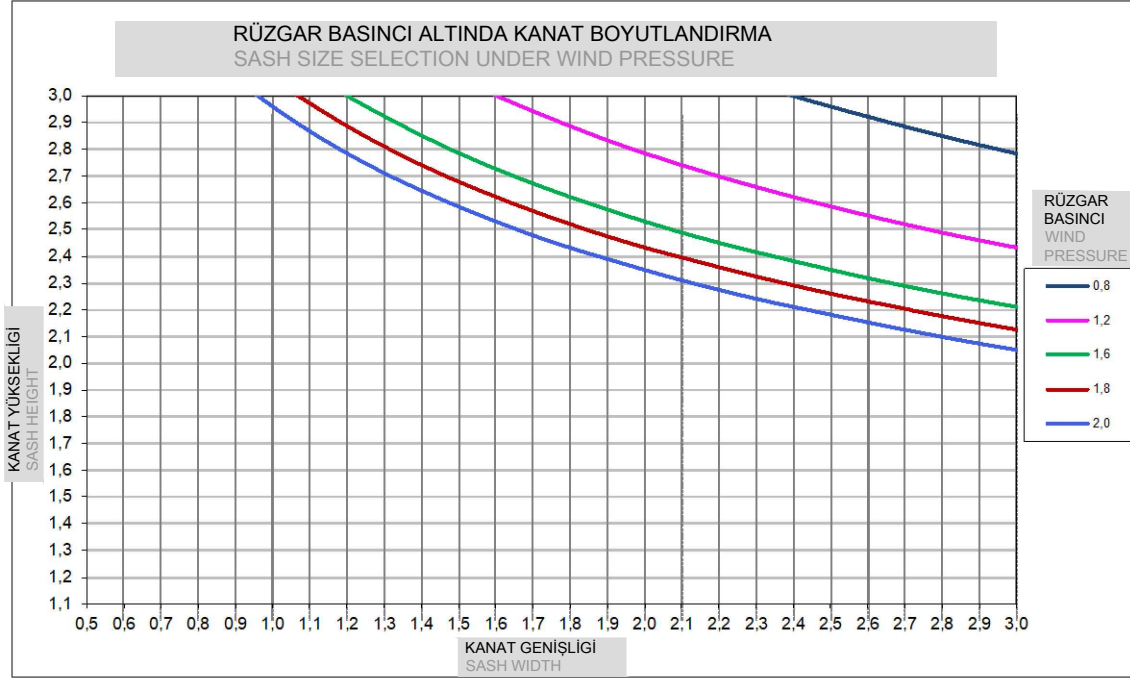
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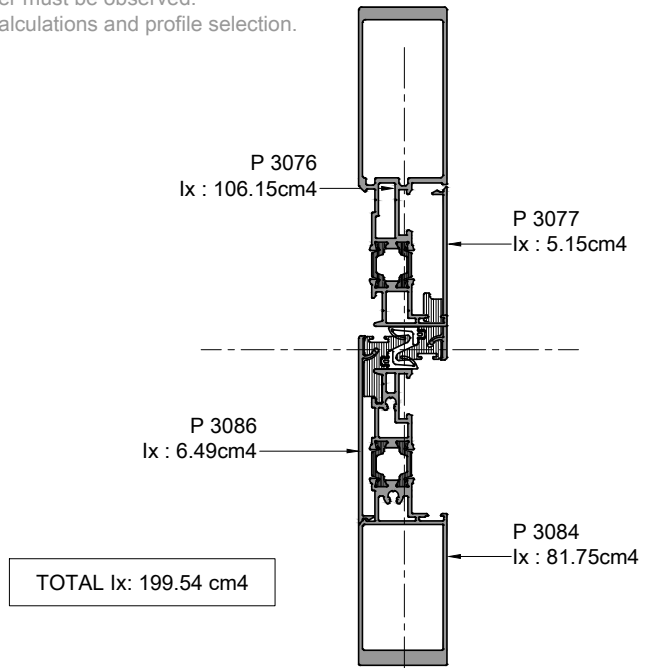
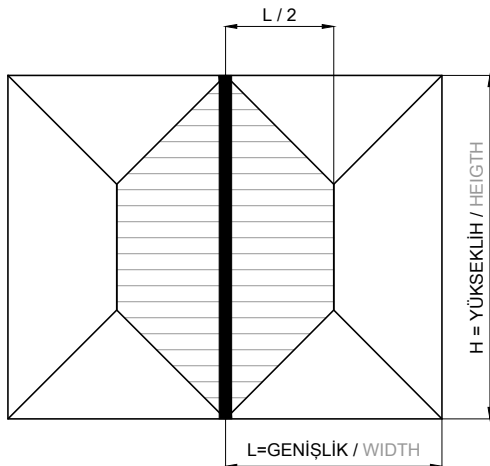
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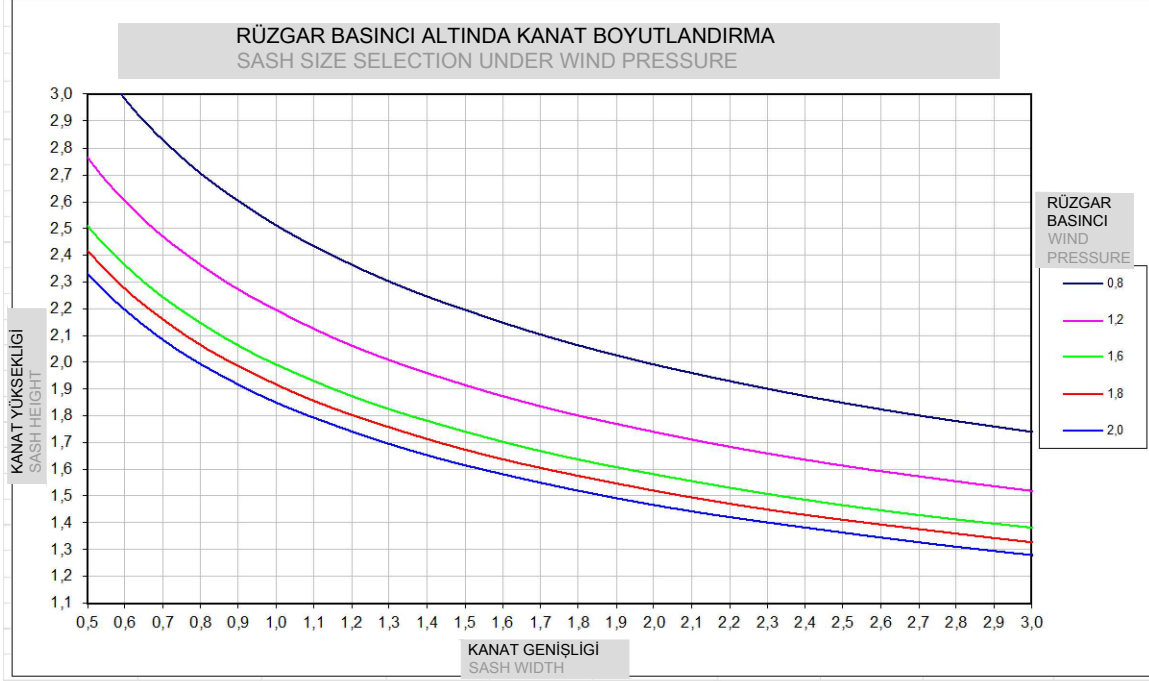
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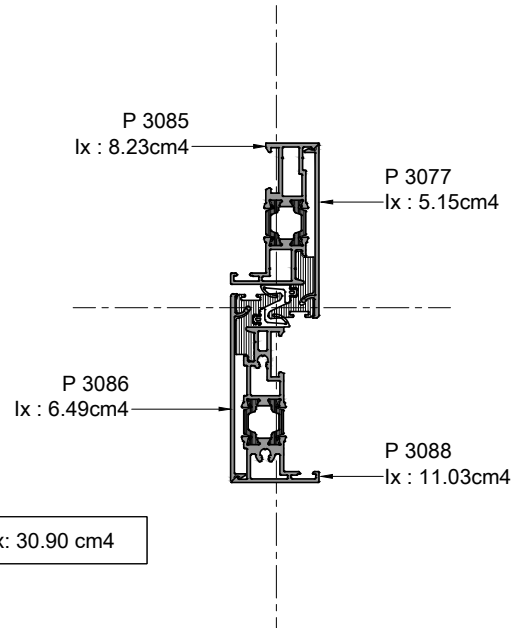
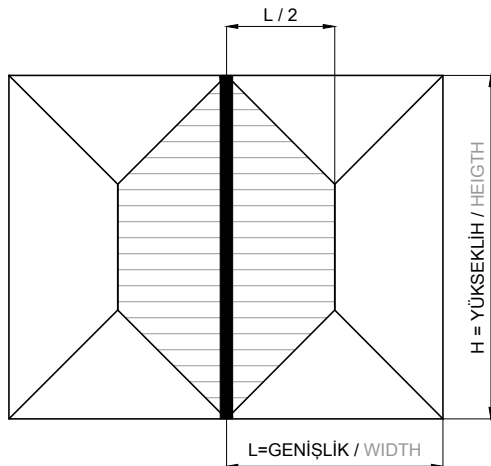
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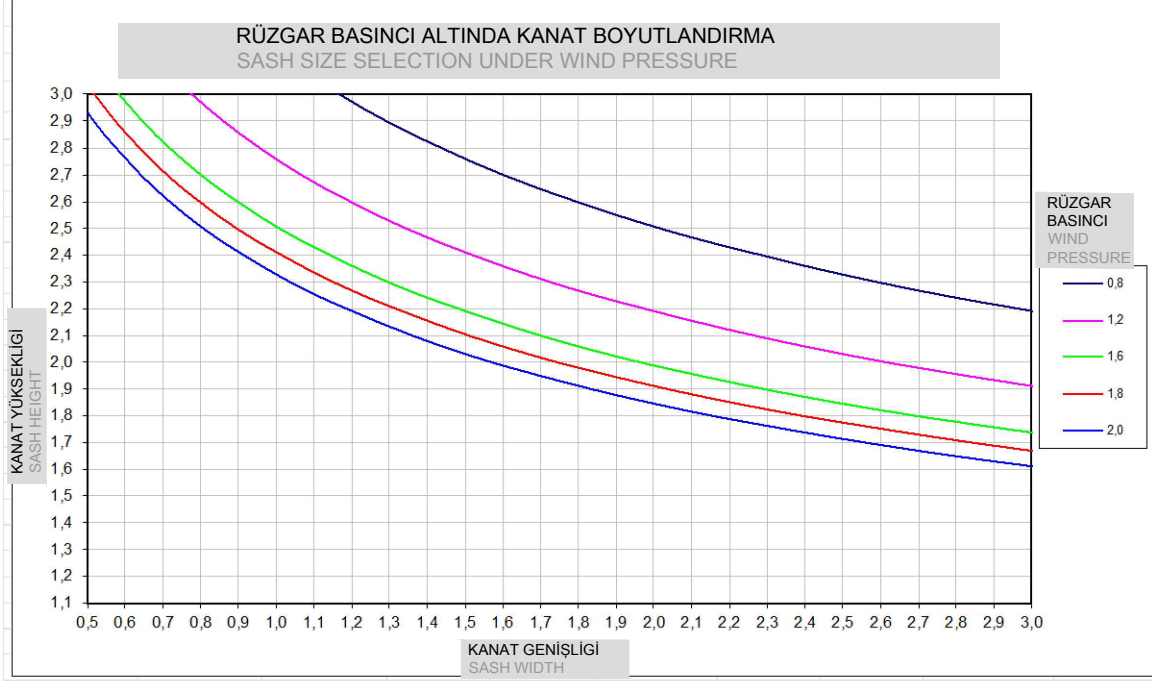
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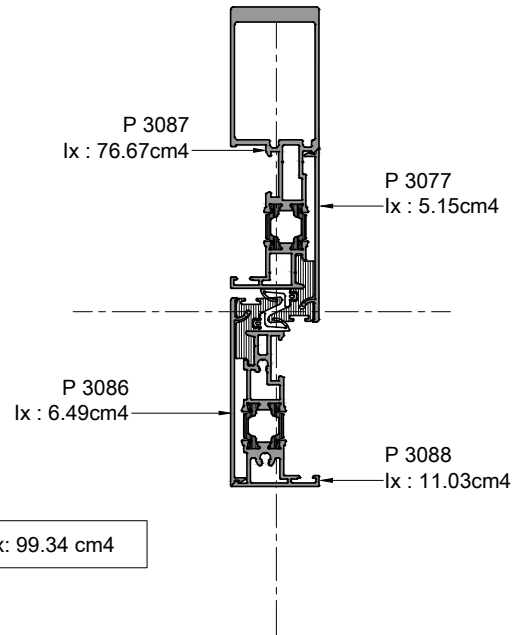
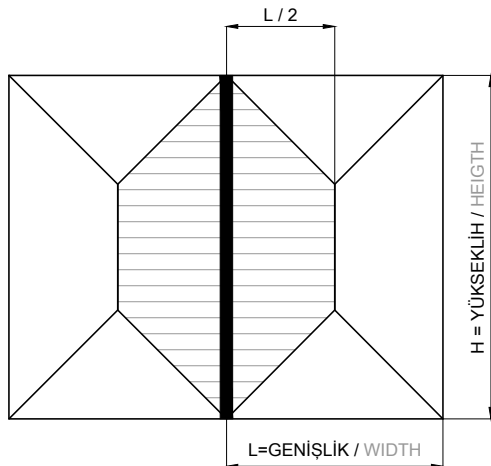
Deflection limit L/200 or max. 15mm in accordance with TRLV

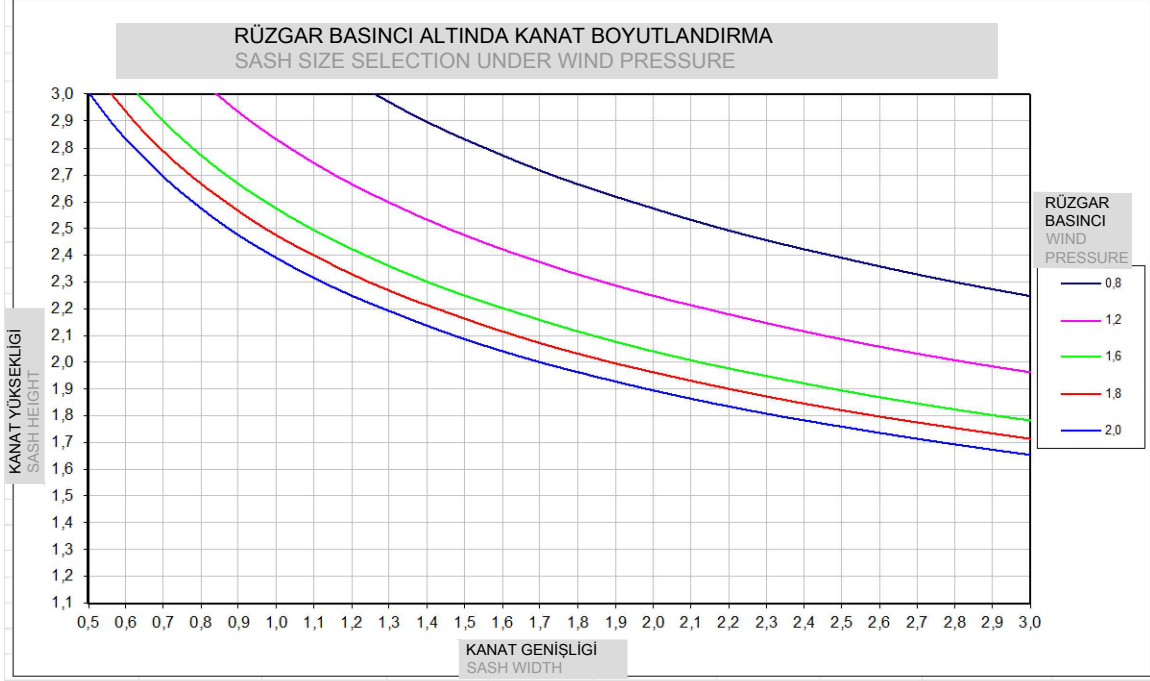
Differing deflection limits set by the double glazing manufacturer must be observed.

These statics diagram are intended for preliminary structural calculations and profile selection.

This is not a substitute for a final structural calculation.

Sash sizes below the line are structurally adequate.





**KANAT STATİK DİAGRAM**  
STATICAL DIAGRAM for SASH

**KANAT AĞIRLIĞI : 400kg**  
SASH WEIGHT : 400kg

SEHİM LİMİTİ L/200 yada 15mm dir.

FARKLI RENKLİ EGRİSEL ÇİZGİLER, FARKLI RÜZGAR BASINCLARI ALTINDA, UYGULANABİLİR MAKSİMUM KANAT BOYUTLARINI GÖSTERİR.

ÜSTTEKİ TABLOYA GÖRE SEÇİLEN KANAT BOYUTU, CAM TEDARİKÇİSİNE BİLDİRİLEREK, İZİN VERİLEN BOYUT ve SEHİMİN, SEÇİLEN

CAMA UYGUN OLUP OLMADIĞI TEYİD EDİLMELİ ve ONAY ALINMALIDIR.

**DİKKAT:**

Bu statik hesap şeması ön yapısal hesaplamalar ve profil seçimi için tasarlanmıştır.

Bu şema nihai yapısal hesaplama için bir alternatif değildir, Statik Rapor olarak kullanılamaz.

Statik Hesaplar Mutlaka Uygulamacı Tarafından Yapıtırılmalıdır.

DEFLECTION LIMIT L / 200 or 15mm.

THE LINE SHOW MAXIMUM SIZES FOR THE INDICATE PRESSURE.

VERIFY THAT THE DEFLECTION OF THE SECTION IS COMPATIBLE WITH THE EMPLOYED GLASS.

DIN EN 12210 for the standard building area

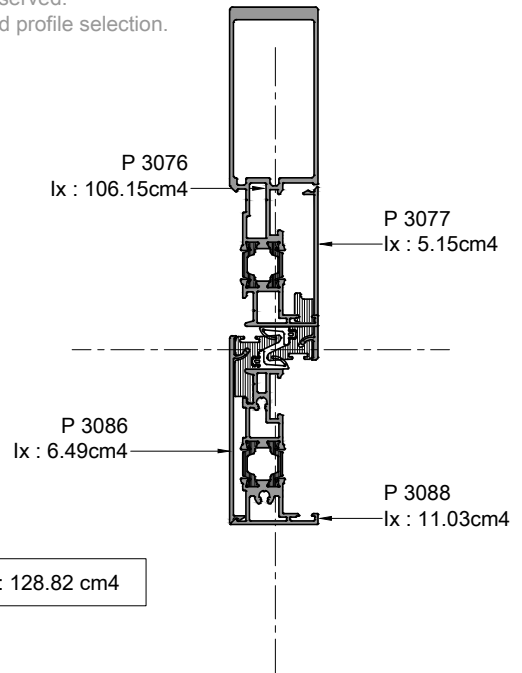
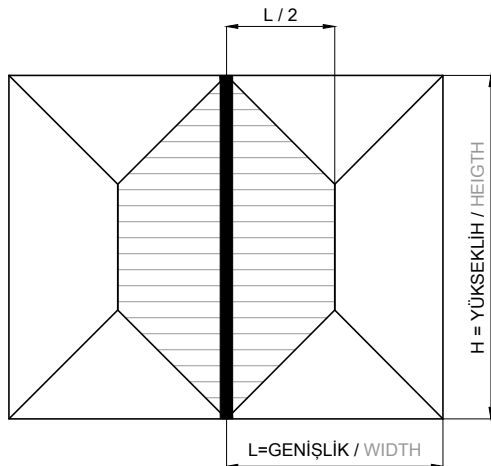
Deflection limit L/200 or max. 15mm in accordance with TRLV

Differing deflection limits set by the double glazing manufacturer must be observed.

These statics diagram are intended for preliminary structural calculations and profile selection.

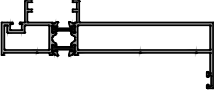
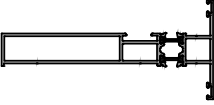
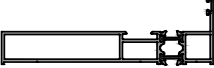
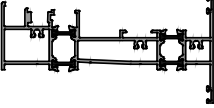
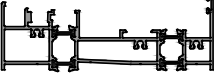
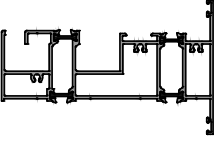
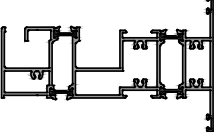
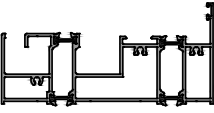
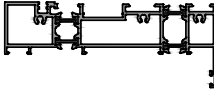
This is not a substitute for a final structural calculation.

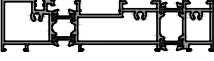
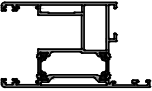
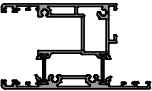
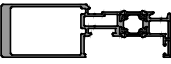
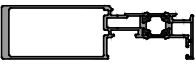
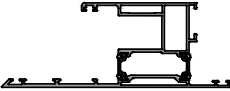
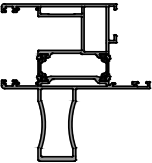
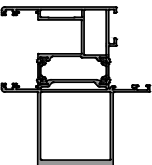
Sash sizes below the line are structurally adequate.

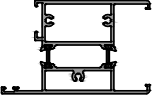
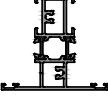
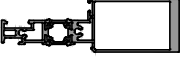
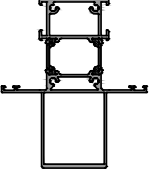
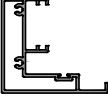
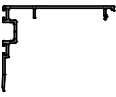


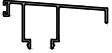
**UNIQUEslideMS**  
KALDIR ve SÜR KAPI SİSTEMİ  
LIFT&SLIDE DOOR SYSTEM

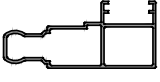
**ALUMİNYUM PROFİLLER**  
ALUMINIUM PROFILES

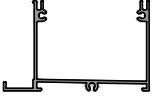
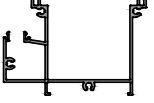
| PROFİL ŞEKLİ<br>PROFILE SECTION                                                     | PROFİL ADI<br>PROFILE NO | KALIP KODU<br>DIE NO    | PROFİL TANIMI<br>PROFILE DESCRIPTION     | AĞIRLIK<br>WEIGHT |
|-------------------------------------------------------------------------------------|--------------------------|-------------------------|------------------------------------------|-------------------|
|    | P 2101                   | 17529<br>+<br>17530     | YAN KASA PROFİLİ<br>side frame profile   | 2.265kg/mt        |
|    | P 2397                   | 17529<br>+<br>18876     | YAN KASA PROFİLİ<br>side frame profile   | 2.140kg/mt        |
|    | P 2102                   | 17527<br>+<br>17528     | YAN KASA PROFİLİ<br>side frame profile   | 2.250kg/mt        |
|    | P 2398                   | 17527<br>+<br>18875     | YAN KASA PROFİLİ<br>side frame profile   | 2.125kg/mt        |
|  | P 2103                   | 17534<br>17535<br>17536 | ALT KASA PROFİLİ<br>bottom frame profile | 3.155kg/mt        |
|  | P 2399                   | 17534<br>17535<br>18881 | ALT KASA PROFİLİ<br>bottom frame profile | 3.035kg/mt        |
|  | P 2104                   | 17531<br>17532<br>17533 | ÜST KASA PROFİLİ<br>top frame profile    | 3.645kg/mt        |
|  | P 2401                   | 17531<br>18878<br>18877 | ÜST KASA PROFİLİ<br>top frame profile    | 3.830kg/mt        |
|  | P 2400                   | 17531<br>17532<br>18879 | ÜST KASA PROFİLİ<br>top frame profile    | 3.520kg/mt        |
|  | P 3095                   | 20050<br>9500<br>9498   | ALT KASA PROFİLİ<br>bottom frame profile | 3.020kg/mt        |

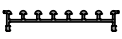
| PROFİL ŞEKLİ<br>PROFILE SECTION                                                     | PROFİL ADI<br>PROFILE NO | KALIP KODU<br>DIE NO  | PROFİL TANIMI<br>PROFILE DESCRIPTION                                                     | AĞIRLIK<br>WEIGHT |
|-------------------------------------------------------------------------------------|--------------------------|-----------------------|------------------------------------------------------------------------------------------|-------------------|
|    | P 3094                   | 20050<br>9500<br>9499 | SIFIR EŞİK KASA PROFİLİ<br>flat sill bottom frame profile                                | 2.910kg/mt        |
|    | P 1731                   | 16404<br>+<br>16405   | KANAT PROFİLİ<br>sash profile                                                            | 2.070kg/mt        |
|    | P 3065                   | 19835<br>+<br>19836   | KANAT PROFİLİ<br>sash profile<br>35mm kenet ile kullanılır<br>using with 35 mm interlock | 2.290kg/mt        |
|    | P 3087                   | 20808<br>+<br>20093   | 35 mm TAKVİYELİ KENET<br>PROFİLİ<br>35mm interlock with<br>reinforcement                 | 2.030kg/mt        |
|  | P 3076                   | 20095<br>+<br>20093   | 35 mm TAKVİYELİ KENET<br>PROFİLİ<br>35mm interlock with<br>reinforcement                 | 2.070kg/mt        |
|  | P 1751                   | 16404<br>+<br>17031   | KÖŞE KANAT PROFİLİ<br>corner sash profile                                                | 2.495kg/mt        |
|  | P 2106                   | 16404<br>+<br>17526   | TAKVİYELİ KANAT PROFİLİ<br>sash profile with reinforcement                               | 2.785kg/mt        |
|  | P 1292                   | 16404<br>+<br>18643   | TAKVİYELİ KANAT PROFİLİ<br>sash profile with reinforcement                               | 3.310kg/mt        |

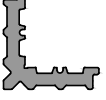
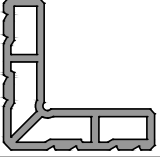
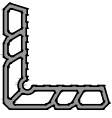
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|-------------------------------------------------------------------------------------|--------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|-------------------|
|    | P 2105                   | 17537<br>+<br>17538  | ORTA KAYIT PROFİLİ<br>mullion profile                                                                        | 2.440kg/mt        |
|    | P 2402                   | 18880<br>+<br>17536  | ORTA KAYIT PROFİLİ<br>mullion profile                                                                        | 1.605kg/mt        |
|    | P 3084                   | 9501<br>+<br>9543    | 35mm DIŞTAN TAKVİYELİ<br>ORTA KAYIT PROFİLİ<br>35mm exterior interlock mullion<br>profile with reinforcement | 2.060kg/mt        |
|    | P 3088                   | 9501<br>+<br>21024   | ORTA KAYIT PROFİLİ<br>mullion profile                                                                        | 1.100kg/mt        |
|  | P 1753                   | 17066<br>+<br>17065  | ORTA KAYIT PROFİLİ<br>mullion profile                                                                        | 2.580kg/mt        |
|  | P 2107                   | 17539                | ADAPTÖR PROFİLİ<br>adepter profile                                                                           | 1,590kg/mt        |
|  | P 3143                   | 20732<br>+<br>20731  | ÇİFT KANAT ADAPTÖR<br>PROFİLİ<br>double sash adapter profile                                                 | 1.015kg/mt        |
|  | P 3146                   | 20779                | KASA KAPATMA PROFİLİ<br>frame closing profile                                                                | 0.670kg/mt        |
|  | P 3147                   | 20780                | KANAT KAPATMA PROFİLİ<br>sash closing profile                                                                | 0.645kg/mt        |

| PROFİL ŞEKLİ<br>PROFILE SECTION                                                     | PROFİL ADI<br>PROFILE NO | KALIP KODU<br>DIE NO | PROFİL TANIMI<br>PROFILE DESCRIPTION     | AĞIRLIK<br>WEIGHT |
|-------------------------------------------------------------------------------------|--------------------------|----------------------|------------------------------------------|-------------------|
|    | P 3091                   | 9540                 | KAPATMA PROFİLİ<br>Closing Profile       | 0.175kg/mt        |
|    | P 3086                   | 9538                 | KAPATMA PROFİLİ<br>Closing Profile       | 0.340kg/mt        |
|    | P 3103                   | 20278                | KAPATMA PROFİLİ<br>Closing Profile       | 0.370kg/mt        |
|    | P 3077                   | 20096                | KAPATMA PROFİLİ<br>Closing Profile       | 0.315kg/mt        |
|  | P 2108                   | 17542                | KAPAK PROFİLİ<br>cap profile             | 0.590kg/mt        |
|  | P 3067                   | 9344                 | CAM ÇITA PROFİLİ<br>glazing bead profile | 0.235kg/mt        |
|  | P 1750                   | 12558                | CAM ÇITA PROFİLİ<br>glazing bead profile | 0.280kg/mt        |
|  | P 1745                   | 16410                | CAM ÇITA PROFİLİ<br>glazing bead profile | 0.270kg/mt        |
|  | P 1746                   | 16411                | CAM ÇITA PROFİLİ<br>glazing bead profile | 0.275kg/mt        |
|  | P 1747                   | 16412                | CAM ÇITA PROFİLİ<br>glazing bead profile | 0.280kg/mt        |

| PROFİL ŞEKLİ<br>PROFILE SECTION                                                     | PROFİL ADI<br>PROFILE NO | KALIP KODU<br>DIE NO | PROFİL TANIMI<br>PROFILE DESCRIPTION                   | AĞIRLIK<br>WEIGHT |
|-------------------------------------------------------------------------------------|--------------------------|----------------------|--------------------------------------------------------|-------------------|
|    | P 1748                   | 16413                | CAM ÇITA PROFİLİ<br>glazing bead profile               | 0.300kg/mt        |
|    | P 1749                   | 16414                | CAM ÇITA PROFİLİ<br>glazing bead profile               | 0.340kg/mt        |
|    | P 1752                   | 17032                | KİLİTLEME ADAPTÖR PROFİLİ<br>locking adapter profile   | 1.565kg/mt        |
|    | P 1740                   | 16400                | RAY PROFİLİ<br>rail profile                            | 0.180kg/mt        |
|  | P 2488                   | 19678                | RAY PROFİLİ<br>Rail Profile                            | 0.170kg/mt        |
|  | P 3072                   | 20056                | YÜKSEK RAY PROFİLİ<br>High rail profile                | 0.500kg/mt        |
|  | P 3079                   | -                    | 5mm CAM ÇITA PROFİLİ<br>5mm glazing bead profile       | 0.160kg/mt        |
|  | P 3080                   | 9544                 | 12mm CAM ÇITA PROFİLİ<br>12mm glazing bead profile     | 0.195kg/mt        |
|  | P 3078                   | 20097                | 15.5mm CAM ÇITA PROFİLİ<br>15.5mm glazing bead profile | 0.225kg/mt        |
|  | P 3081                   | -                    | 19mm CAM ÇITA PROFİLİ<br>19mm glazing bead profile     | 0.240kg/mt        |

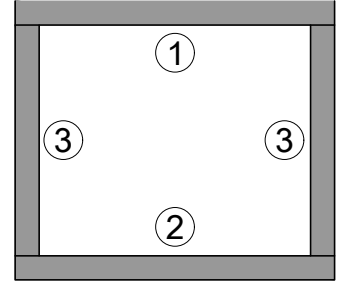
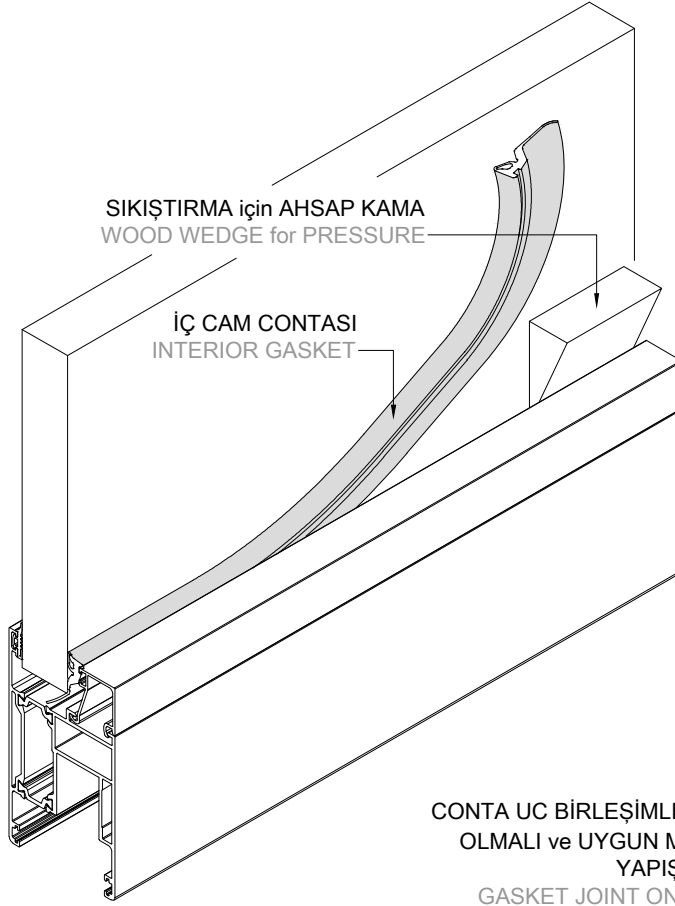
| PROFİL ŞEKLİ<br>PROFILE SECTION                                                     | PROFİL ADI<br>PROFILE NO | KALIP KODU<br>DIE NO | PROFİL TANIMI<br>PROFILE DESCRIPTION                                    | AĞIRLIK<br>WEIGHT |
|-------------------------------------------------------------------------------------|--------------------------|----------------------|-------------------------------------------------------------------------|-------------------|
|    | P 3082                   | -                    | 26mm CAM ÇITA PROFİLİ<br>26mm glazing bead profile                      | 0.245kg/mt        |
|    | P 3083                   | -                    | 33mm CAM ÇITA PROFİLİ<br>33mm glazing bead profile                      | 0.270kg/mt        |
|    | P 3092                   | 9541                 | CAM ÇITA PROFİLİ<br>glazing bead profile                                | 0.205kg/mt        |
|    | P 2467                   | 19409                | SU KANALI PROFİLİ<br>Water channel Profile                              | 1.295kg/mt        |
|  | P 2328                   | 18839                | SU KANALI PROFİLİ<br>Water channel Profile                              | 1.530kg/mt        |
|  | P 3093                   | *                    | SU KANALI EK PROFİLİ<br>water channel additional profile                | 0.210kg/mt        |
|  | P 1177                   | 12917                | 40mm PERVAZ PROFİLİ<br>40mm architrave profile                          | 0.300kg/mt        |
|  | P 1178                   | 13250                | 50mm PERVAZ PROFİLİ<br>50mm architrave profile                          | 0.375kg/mt        |
|  | P 1287                   | 11214                | 42mm ÇİZGİLİ PERVAZ<br>PROFİLİ<br>42mm architrave profile with<br>lines | 0.360kg/mt        |
|  | P 1222                   | 12795                | 68mm PERVAZ PROFİLİ<br>68mm architrave profile                          | 0.760kg/mt        |

| PROFİL ŞEKLİ<br>PROFILE SECTION                                                     | PROFİL ADI<br>PROFILE NO | KALIP KODU<br>DIE NO | PROFİL TANIMI<br>PROFILE DESCRIPTION                        | AĞIRLIK<br>WEIGHT |
|-------------------------------------------------------------------------------------|--------------------------|----------------------|-------------------------------------------------------------|-------------------|
|    | P 1321                   | 13178                | 20mm PERVAZ PROFİLİ<br>20mm architrave profile              | 0.160kg/mt        |
|    | P 1761                   | 16210                | 40mm UZUN PERVAZ<br>PROFİLİ<br>40mm long architrave profile | 0.890kg/mt        |
|    | P 2205                   | 19336                | 40mm PERVAZ PROFİLİ<br>40mm architrave profile              | 0.340kg/mt        |
|    | P 2112                   | 17164                | 50mm PERVAZ PROFİLİ<br>50mm architrave profile              | 0,775kg/mt        |
|  | P 3144                   | 20758                | 40mm PERVAZ PROFİLİ<br>40mm architrave profile              | 0.440kg/mt        |
|  | P 3145                   | 20759                | PERVAZ İLAVE PROFİLİ<br>Architrave Additional Profile       | 0.335kg/mt        |
|  | P 3157                   | 20958                | İspanyolet Kanal Profili<br>Channel For Espagnolette        | 0.360kg/mt        |
|  | P 2109                   | 17834                | KAPATMA PROFİLİ<br>closing profile                          | 0.155kg/mt        |
|  | P 3148                   | 10368                | KAPATMA PROFİLİ<br>closing profile                          | 0.070kg/mt        |
|  | P 2327                   | 18838                | ÜST IZGARA PROFİLİ<br>top grille profile                    | 0.635kg/mt        |

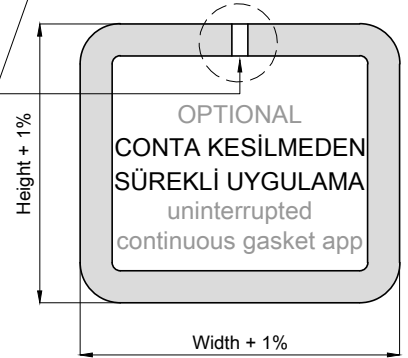
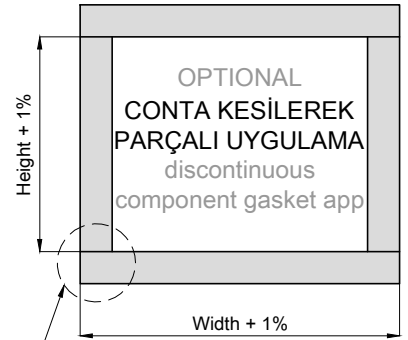
| PROFİL ŞEKLİ<br>PROFILE SECTION                                                   | PROFİL ADI<br>PROFILE NO | KALIP KODU<br>DIE NO | PROFİL TANIMI<br>PROFILE DESCRIPTION       | AĞIRLIK<br>WEIGHT |
|-----------------------------------------------------------------------------------|--------------------------|----------------------|--------------------------------------------|-------------------|
|  | P 1117                   | 10781                | KÖŞE TAKOZ PROFİLİ<br>corner cleat profile | 3.035kg/mt        |
|  | P 1070                   | 339                  | KÖŞE TAKOZ PROFİLİ<br>corner cleat profile | 6.220kg/mt        |
|  | P 3113                   | 20357                | KÖŞE TAKOZ PROFİLİ<br>corner cleat profile | 2.625kg/mt        |

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KALDIR ve SÜR KAPI SİSTEMİ  
LIFT&SLIDE DOOR SYSTEM

**CAM MONTAJ TALİMATI**  
GLAZING ASSEMBLY



CAM ÇITASI MONTAJ SIRALAMASI  
GLAZING BEAD ASSEMBLY SEQUENC



**1 CAM TAKOZU**

Cam takozları yerlesimi altta bulunan sematik çizimde gösterilmistir.  
takozların kenara mesafeleri kanat ölçüsünün 5/1 i yada 10/1 i kadar olmalıdır.  
GLASS CLEATS

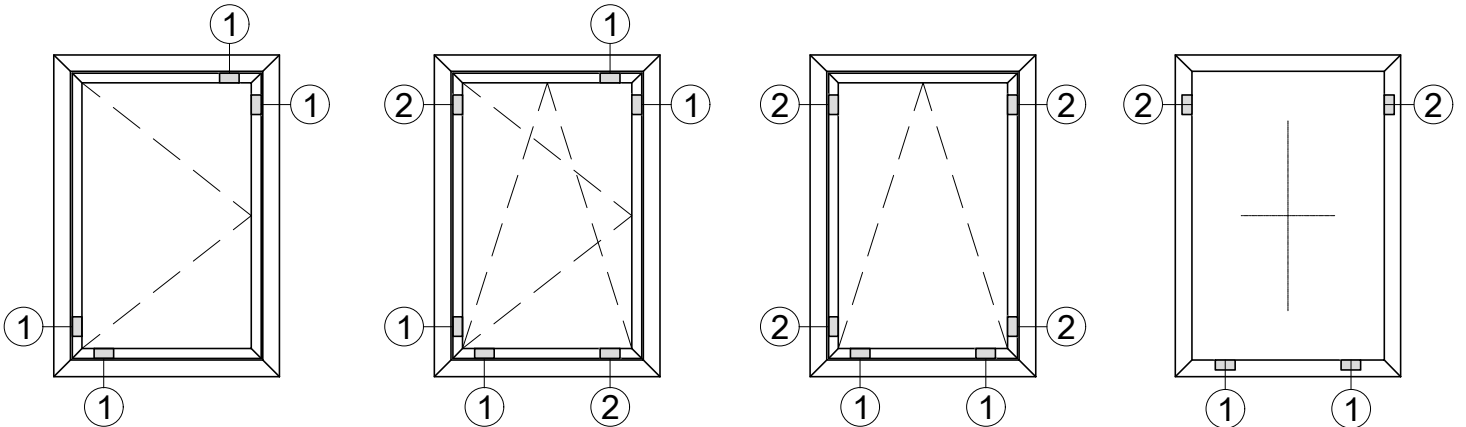
The assembly of glass reinforcement pieces has  
been showed at the top schemetically. The gap distance to the corner should be,  
the 5/1 or 10/1 of the sash size.

**2 MESAFE AYARLAMA TAKOZU**

Mesafe ayar takozları camın alüminyum çerçeve içinde doğru pozisyonunda stabil olarak durmasını sağlar.  
cam ile profil arasına takozları zorlamadan yerleştiriniz.

DISTANCE ADJUSTMENT PIECE

Distance adjustment pieces stabilize the glass  
in the frame at the true position. Put the distance adjustment piece between  
glass and profile without using force.

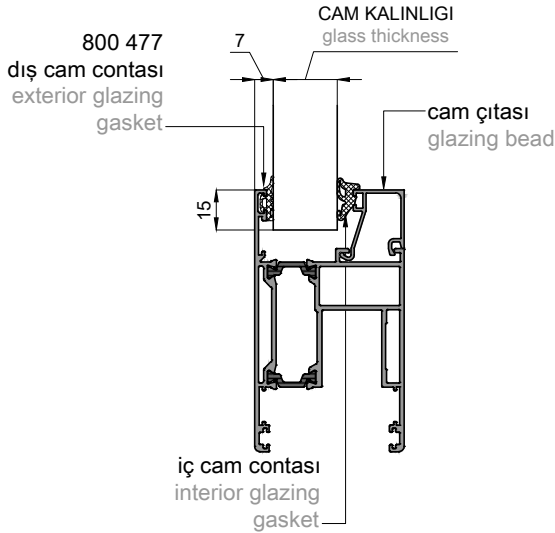


AKSESUAR ve DONANIM MONTAJINDAN ÖNCE,  
CAM ve TAKOZLAMA İŞLEMİ YAPILMALIDIR.

THE PANE MUST BE SHIMMED IN THE SASH SO THAT THE SASH  
OPERATES WITHOUT ADJUSTMENT OF THE HARDWARE.

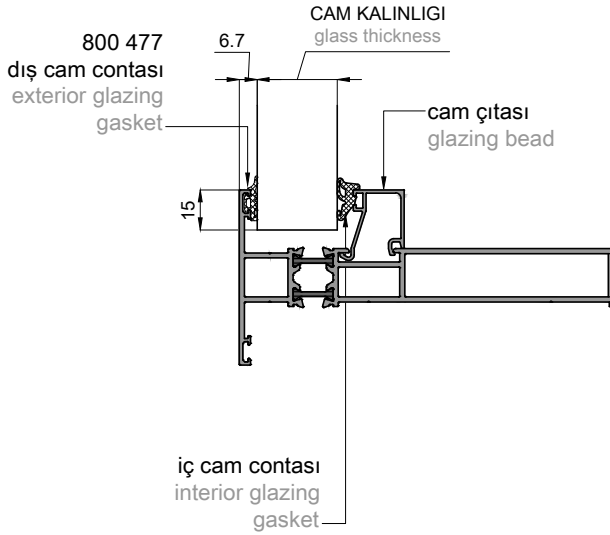
**1 TAŞIYICI TAKOZ**  
GLASS CLEAT

**2 AYAR TAKOZU**  
ADJUSTMENT PIECE



Yanda tablodaki veriler teoriktir.  
Ltfen cam ve conta toleranslarını dikkate alınız.  
selection tables promise a first planning.  
Please keep the glass and gasket tolerances in mind.

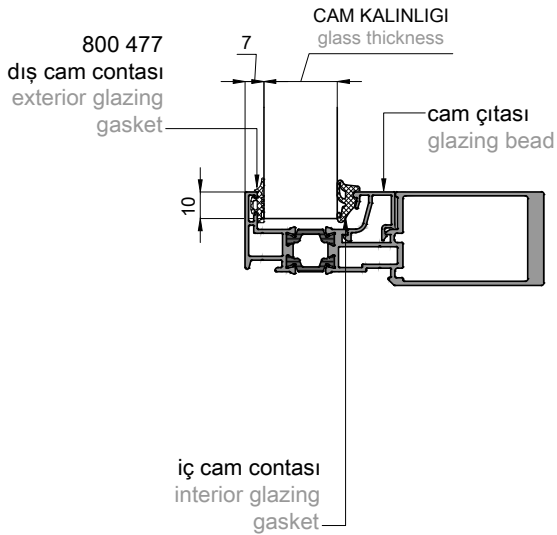
| CAM KALINLIĞI<br>glass thickness | ITA glazing bead       |             | CAM CONTASI glazing gasket       |                                      |
|----------------------------------|-------------------------|-------------|----------------------------------|--------------------------------------|
|                                  | profil<br>section       | kod<br>code | perdeli conta<br>with fin gasket | standart conta<br>without fin gasket |
| 10mm                             | P 1749 (33mm)<br>33     |             | 800 233 (6mm)                    | 800 271 (6mm)                        |
| 12mm                             |                         |             | 800 297 (4mm)                    | 800 228 (4mm)                        |
| 14mm                             | P 1748 (26mm)<br>26     |             | 800 296 (10mm)                   | 800 278 (10mm)                       |
| 16mm                             |                         |             | 800 252 (8mm)                    | 800 277 (8mm)                        |
| 18mm                             |                         |             | 800 233 (6mm)                    | 800 271 (6mm)                        |
| 20mm                             | P 1747 (19mm)<br>19     |             | 800 296 (10mm)                   | 800 278 (10mm)                       |
| 22mm                             |                         |             | 800 252 (8mm)                    | 800 277 (8mm)                        |
| 24mm                             |                         |             | 800 233 (6mm)                    | 800 271 (6mm)                        |
| 26mm                             | P 1746 (15.5mm)<br>15.5 |             | 800 252 (8mm)                    | 800 277 (8mm)                        |
| 28mm                             |                         |             | 800 233 (6mm)                    | 800 271 (6mm)                        |
| 30mm                             | P 1745 (12mm)<br>12     |             | 800 252 (8mm)                    | 800 277 (8mm)                        |
| 32mm                             |                         |             | 800 233 (6mm)                    | 800 271 (6mm)                        |
| 34mm                             | P 1750 (5mm)<br>5       |             | 800 296 (10mm)                   | 800 278 (10mm)                       |
| 36mm                             |                         |             | 800 252 (8mm)                    | 800 277 (8mm)                        |
| 38mm                             |                         |             | 800 233 (6mm)                    | 800 271 (6mm)                        |
| 40mm                             |                         |             | 800 297 (4mm)                    | 800 228 (4mm)                        |
| 42mm                             | P 3067 (2.5mm)<br>2.5   |             |                                  | 800 594 (3.5mm)                      |



Yanda tablodaki veriler teoriktir.  
Lütfen cam ve conta toleranslarını dikkate alınız.  
selection tables promise a first planning.  
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| CAM<br>KALINLIĞI<br>glass thickness | ITA glazing bead       |             | CAM CONTASI glazing gasket       |                                      |
|-------------------------------------|-------------------------|-------------|----------------------------------|--------------------------------------|
|                                     | profil<br>section       | kod<br>code | perdeli conta<br>with fin gasket | standart conta<br>without fin gasket |
| 16mm                                | P 1749 (33mm)<br>33     |             | 800 233<br>(6mm)                 | 800 271<br>(6mm)                     |
| 18mm                                |                         |             | 800 297<br>(4mm)                 | 800 228<br>(4mm)                     |
| 20mm                                | P 1748 (26mm)<br>26     |             | 800 296<br>(10mm)                | 800 278<br>(10mm)                    |
| 22mm                                |                         |             | 800 252<br>(8mm)                 | 800 277<br>(8mm)                     |
| 24mm                                |                         |             | 800 233<br>(6mm)                 | 800 271<br>(6mm)                     |
| 26mm                                | P 1747 (19mm)<br>19     |             | 800 296<br>(10mm)                | 800 278<br>(10mm)                    |
| 28mm                                |                         |             | 800 252<br>(8mm)                 | 800 277<br>(8mm)                     |
| 30mm                                |                         |             | 800 233<br>(6mm)                 | 800 271<br>(6mm)                     |
| 32mm                                | P 1746 (15.5mm)<br>15.5 |             | 800 252<br>(8mm)                 | 800 277<br>(8mm)                     |
| 34mm                                |                         |             | 800 233<br>(6mm)                 | 800 271<br>(6mm)                     |
| 36mm                                | P 1745 (12mm)<br>12     |             | 800 252<br>(8mm)                 | 800 277<br>(8mm)                     |
| 38mm                                |                         |             | 800 233<br>(6mm)                 | 800 271<br>(6mm)                     |
| 40mm                                | P 1750 (5mm)<br>5       |             | 800 296<br>(10mm)                | 800 278<br>(10mm)                    |
| 42mm                                |                         |             | 800 252<br>(8mm)                 | 800 277<br>(8mm)                     |
| 44mm                                |                         |             | 800 233<br>(6mm)                 | 800 271<br>(6mm)                     |
| 46mm                                |                         |             | 800 297<br>(4mm)                 | 800 228<br>(4mm)                     |

| CAM KALINLIĞI<br>glass thickness | ÇITA glazing bead       |                                                                                       | CAM CONTASI glazing gasket                                                                              |
|----------------------------------|-------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
|                                  | profil<br>section       | kod<br>code                                                                           |                                                                                                         |
| 10mm                             | P 3083 (33mm)<br>33     |    |  800 271<br>(6mm)    |
| 12mm                             |                         |                                                                                       |  800 228<br>(4mm)    |
| 14mm                             | P 3082 (26mm)<br>26     |    |  800 278<br>(10mm)   |
| 16mm                             |                         |                                                                                       |  800 277<br>(8mm)    |
| 18mm                             |                         |                                                                                       |  800 271<br>(6mm)    |
| 20mm                             | P 3081 (19mm)<br>19     |    |  800 278<br>(10mm)   |
| 22mm                             |                         |                                                                                       |  800 277<br>(8mm)    |
| 24mm                             |                         |                                                                                       |  800 271<br>(6mm)   |
| 26mm                             | P 3078 (15.5mm)<br>15.5 |  |  800 277<br>(8mm)  |
| 28mm                             |                         |                                                                                       |  800 271<br>(6mm)  |
| 30mm                             | P 3080 (12mm)<br>12     |  |  800 277<br>(8mm)  |
| 32mm                             |                         |                                                                                       |  800 271<br>(6mm)  |
| 34mm                             | P 3079 (5mm)<br>5       |  |  800 278<br>(10mm) |
| 36mm                             |                         |                                                                                       |  800 277<br>(8mm)  |
| 38mm                             |                         |                                                                                       |  800 271<br>(6mm)  |
| 40mm                             |                         |                                                                                       |  800 228<br>(4mm)  |



Yanda tablodaki veriler teoriktir.  
Lütfen cam ve conta toleranslarını dikkate alınız.  
selection tables promise a first planning.  
Please keep the glass and gasket tolerances in mind.

**UNIQUEslideMS**  
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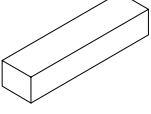
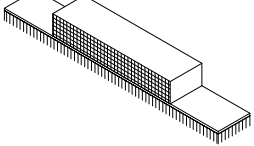
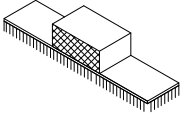
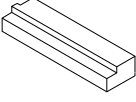
CONTALAR  
GASKETS

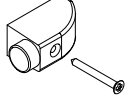
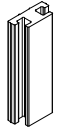
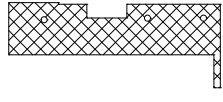
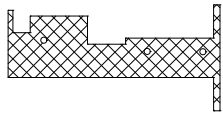
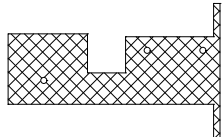
| CONTA ŞEKLİ<br>GASKET SECTION                                                       | CONTA KODU<br>GASKET NO | MALZEME<br>MATERIAL | CONTA TANIMI<br>GASKET DESCRIPTION                             | PAKET<br>PACKAGE       |
|-------------------------------------------------------------------------------------|-------------------------|---------------------|----------------------------------------------------------------|------------------------|
|    | 800 228                 | EPDM                | 4mm İÇ CAM CONTASI<br>interior glazing gasket 4mm              | 200mt/pk<br>0,075kg/mt |
|    | 800 271                 | EPDM                | 6mm İÇ CAM CONTASI<br>interior glazing gasket 6mm              | 192mt/pk<br>0,078kg/mt |
|    | 800 277                 | EPDM                | 8mm İÇ CAM CONTASI<br>interior glazing gasket 8mm              | 150mt/pk<br>0,100kg/mt |
|    | 800 278                 | EPDM                | 10mm İÇ CAM CONTASI<br>interior glazing gasket 10mm            | 120mt/pk<br>0,125kg/mt |
|  | 800 233                 | EPDM                | 6mm PERDELİ<br>İÇ CAM CONTASI<br>6mm interior glazing gasket   | 125mt/pk<br>0,120kg/mt |
|  | 800 252                 | EPDM                | 8mm PERDELİ<br>İÇ CAM CONTASI<br>8mm interior glazing gasket   | 100mt/pk<br>0,150kg/mt |
|  | 800 296                 | EPDM                | 10mm PERDELİ<br>İÇ CAM CONTASI<br>10mm interior glazing gasket | 90mt/pk<br>0,165kg/mt  |
|  | 800 297                 | EPDM                | 4mm PERDELİ<br>İÇ CAM CONTASI<br>4mm interior glazing gasket   | 160mt/pk<br>0,092kg/mt |
|  | 800 307                 | EPDM                | ADAPTÖR KANAL<br>KAPATMA CONTASI<br>closing gasket for adapter | 162mt/pk<br>0,080kg/mt |
|  | 800 259                 | FİRÇA               | PERDELİ FİRÇA FİTİL<br>brush gasket with fin                   | 275mt/pk<br>2x275mt    |

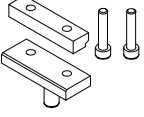
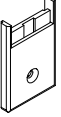
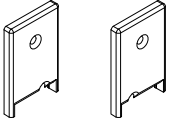
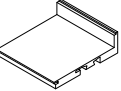
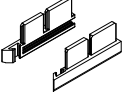
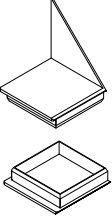
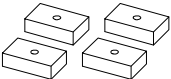
| CONTA ŞEKLİ<br>GASKET SECTION                                                       | CONTA KODU<br>GASKET NO | MALZEME<br>MATERIAL | CONTA TANIMI<br>GASKET DESCRIPTION                              | PAKET<br>PACKAGE       |
|-------------------------------------------------------------------------------------|-------------------------|---------------------|-----------------------------------------------------------------|------------------------|
|    | 800 459                 | EPDM                | KASA KANAL KAPATMA<br>CONTASI<br>closing gasket for frame       | 140mt/pk<br>0,108kg/mt |
|    | 800 470                 | EPDM                | KANAT ÜST CONTASI<br>sash top gasket                            | 323mt/pk<br>0,031kg/mt |
|    | 800 472                 | EPDM                | KASA KANAL KAPATMA<br>CONTASI<br>closing gasket for frame       | 183mt/pk<br>0,082kg/mt |
|    | 800 475                 | EPDM                | KASA DÜŞEY BİNİ CONTASI<br>vertical overlap gasket<br>for frame | 333mt/pk<br>0,045kg/mt |
|  | 800 477                 | EPDM                | DIŞ CAM CONTASI<br>ekterior glazing gasket                      | 300mt/pk<br>0,050kg/mt |
|  | 800 476                 | EPDM                | ÇİFT KANAT BİNİ CONTASI<br>overlap gasket for<br>double sash    | 236mt/pk<br>0,055kg/mt |
|  | 800 471                 | EPDM                | KANAT ALT ve YAN CONTASI<br>sash bottom and side gasket         | 405/pk<br>0,037kg/mt   |
|  | 800 480                 | EPDM                | KAPAK CONTASI<br>frame cap gasket                               | 435mt/pk<br>0,023kg/mt |
|  | 800 386                 | EPDM                | KANAT BİNİ CONTASI<br>overlap gasket for sash                   | 500mt/pk<br>0,027kg/mt |
|  | 801 302                 | EPDM                | KENET SIZDIRMAZLIK<br>CONTASI<br>interlock gasket               | 200mt/pk<br>0,050kg/mt |

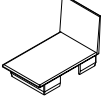
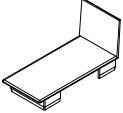
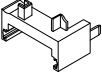
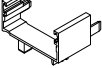
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LIFT&SLIDE DOOR SYSTEM

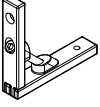
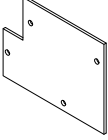
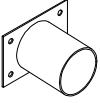
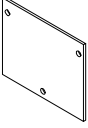
AKSESUARLAR  
ACCESSORIES

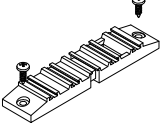
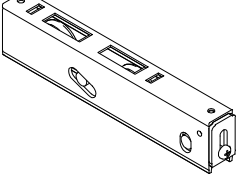
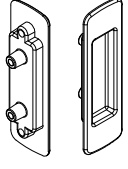
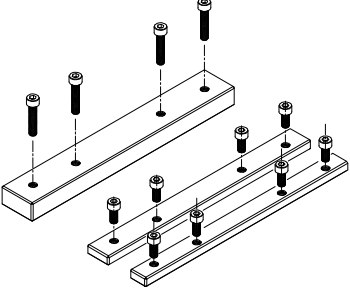
| AKSESUAR ŞEKLİ<br>ACCESSORIES SHAPE                                                 | AKSESUAR<br>ACCESS. NO | AKSESUAR TANIMI<br>ACCESSORIES DESCRIPTION                                                                                                  | MİKTAR<br>QUANTITY |
|-------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
|    | 700 356                | KANAT İÇ BİNİ İÇİN ONBAŞI<br>aluminum corner angle for sash                                                                                 | 500<br>adet/pieces |
|    | 700 303                | PVC KÖŞE ONBAŞI<br>pvc corner angle for architrave                                                                                          | 500<br>adet/pieces |
|    | 700 479                | STEEL KÖŞE ONBAŞI<br>steel corner angle for architrave                                                                                      | 100<br>adet/pieces |
|    | 700 329                | STEEL KÖŞE ONBAŞI<br>steel corner angle for architrave                                                                                      | 100<br>adet/pieces |
|  | 700 735                | 101 mm KENET İÇİN<br>KASA ALT SIZDIRMAZLIK SÜNGERİ<br>bottom tightness plug for<br>frame 101 mm interlock                                   | 20<br>adet/pieces  |
|  | 700 738                | 101 mm KENET İÇİN<br>KASA ÜST SIZDIRMAZLIK PARÇASI<br>top tightness plug for frame<br>101 mm interlock                                      | 20<br>adet/pieces  |
|  | 702 360                | 35 mm KENET İÇİN<br>KASA ALT SIZDIRMAZLIK SÜNGERİ<br>bottom tightness plug of the frame for<br>35mm interlock                               | 20<br>adet/pieces  |
|  | 702 361                | 35 mm KENET İÇİN<br>KASA ÜST SIZDIRMAZLIK PARÇASI<br>top tightness plug of the frame for 35mm<br>interlock                                  | 20<br>adet/pieces  |
|  | 702 369                | 101 mm KENET İÇİN SIFIR EŞİK KASA<br>ALT SIZDIRMAZLIK SÜNGERİ<br>bottom tightness plug of the Flat Sill<br>Bottom Frame for 101mm interlock | 20<br>adet/pieces  |
|  | 702 355                | 35 mm KENET İÇİN SIFIR EŞİK KASA<br>ALT SIZDIRMAZLIK SÜNGERİ<br>bottom tightness plug of the Flat Sill<br>Bottom Frame for 35mm interlock   | 20<br>adet/pieces  |

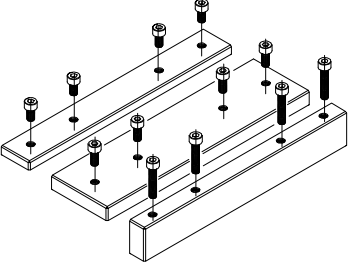
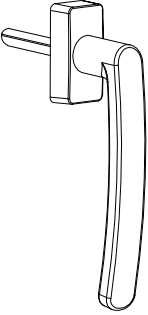
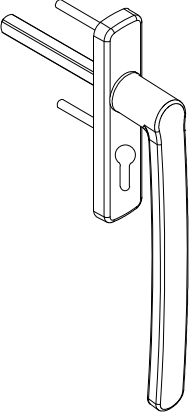
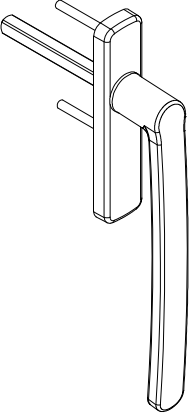
| AKSESUAR ŞEKLİ<br>ACCESSORIES SHAPE                                                 | AKSESUAR<br>ACCESS. NO | AKSESUAR TANIMI<br>ACCESSORIES DESCRIPTION                                                           | MİKTAR<br>QUANTITY |
|-------------------------------------------------------------------------------------|------------------------|------------------------------------------------------------------------------------------------------|--------------------|
|    | 700 451                | SU TAHLİYE KAPAGI<br>Water drain cap<br>(tüm kasa profilleri ile kullanılır)                         | 50<br>adet/pieces  |
|    | 700 672                | VALFLİ SU TAHLİYE KAPAGI<br>water drain cap with valve                                               | 50<br>adet/pieces  |
|    | 702 231                | KANAT SALLANTI ENGELLEME<br>TAKOZU<br>anti swing block for sash                                      | 100<br>adet/pieces |
|    | 700 741                | KANAT STOPERİ<br>sash bumper plug                                                                    | 10<br>adet/pieces  |
|  | 322 112                | KANAT DURDURUCU<br>BUMPER for SASH                                                                   | 50<br>adet/pieces  |
|  | 700 473                | KANAT DURDURUCU<br>bumper for sash                                                                   | 50<br>adet/pieces  |
|  | 702 402                | KİTLEME PİMİ DESTEK PARÇASI<br>locking pin support piece                                             | 50<br>adet/pieces  |
|  | 702 354                | SIFIR EŞİK KASA PROFİLİ<br>için YALITIM BANTI<br>adhesive tape for flat sill bottom frame<br>profile | 50<br>adet/pieces  |
|  | 700 612                | ALT KASA için YALITIM BANTI<br>adhesive tape for bottom frame                                        | 50<br>adet/pieces  |
|  | 700 613                | ÜST KASA için YALITIM BANTI<br>adhesive tape for top frame                                           | 50<br>adet/pieces  |

| AKSESUAR ŞEKLİ<br>ACCESSORIES SHAPE                                                 | AKSESUAR<br>ACCESS. NO | AKSESUAR TANIMI<br>ACCESSORIES DESCRIPTION                                          | MİKTAR<br>QUANTITY |
|-------------------------------------------------------------------------------------|------------------------|-------------------------------------------------------------------------------------|--------------------|
|    | 701 173                | SIFIR EŞİK İÇİN ALT KİTLEME<br>lock bottom for flat sill                            | 50<br>adet/pieces  |
|    | 700 742                | ÜST KENET KAPAK SETİ<br>interlock top cover plug                                    | 10<br>adet/pieces  |
|    | 700 743                | ALT KENET KAPAK SETİ<br>interlock bottom cover plug                                 | 10<br>çift/pair    |
|    | 700 614                | ORTA KAYIT T BİRLEŞİM<br>EPDM KÖPÜK<br>epdm foam for T joint for mullion            | 50<br>adet/pieces  |
|  | 702 353                | ORTA KAYIT T BİRLEŞİM<br>EPDM KÖPÜK<br>epdm foam for T joint for mullion            | 50<br>adet/pieces  |
|  | 700 758                | PVC KAPAK<br>pvc cap plug                                                           | 50<br>çift/pair    |
|  | 700 864                | TAKVİYELİ KANAT PROFİLİ<br>ALT ve ÜST KAPAGI<br>pvc cap plug for reinforcement sash | 10<br>çift/pair    |
|  | 700 799                | TAKVİYELİ KANAT PROFİLİ<br>ALT ve ÜST KAPAGI<br>pvc cap plug for reinforcement sash | 10<br>çift/pair    |
|  | 702 343                | 300 KG LIK ARABA DESTEK TAKOZU<br>adhesive tape for bottom frame                    | 10<br>çift/pair    |

| AKSESUAR ŞEKLİ<br>ACCESSORIES SHAPE                                                 | AKSESUAR<br>ACCESS. NO | AKSESUAR TANIMI<br>ACCESSORIES DESCRIPTION                                                                                      | MİKTAR<br>QUANTITY |
|-------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------------------------------------------------|--------------------|
|    | 702 386                | P 3087-P 3075 kanat için kapak<br>Sash for P 3087-P 3075 cover                                                                  | 20<br>adet/pieces  |
|    | 702 387                | P 3076 kanat için kapak<br>Sash for P 3076 cover                                                                                | 20<br>adet/pieces  |
|    | 702 359                | KENET İLAVE SIZDIRMAZLIK<br>PARÇASI SOL<br>Additional tightness plug for interlock left                                         | 20<br>adet/pieces  |
|    | 702 357                | KENET İLAVE SIZDIRMAZLIK<br>PARÇASI SAĞ<br>Additional tightness plug for<br>interlock right                                     | 20<br>adet/pieces  |
|  | 702 381                | KASA PROFİL İÇİN<br>KENET İLAVE SIZDIRMAZLIK PARÇASI<br>Additional tightness plug for interlock<br>for frame profile            | 20<br>adet/pieces  |
|  | 702 358                | SIFIR EŞİK KASA PROFİL İÇİN<br>KENET İLAVE SIZDIRMAZLIK PARÇASI<br>Additional tightness plug for interlock<br>for frame profile | 20<br>adet/pieces  |
|  | 702 382                | KENET İLAVE ÜST SIZDIRMAZLIK<br>PARÇASI SAĞ<br>Additional tightness plug for<br>bottom interlock right                          | 20<br>adet/pieces  |
|  | 702 383                | KENET İLAVE ÜST SIZDIRMAZLIK<br>PARÇASI SOL<br>Additional tightness plug for<br>bottom interlock left                           | 20<br>adet/pieces  |
|  | 700 838                | HAVUZLU KOL<br>(KALDIR-SÜR SÜRME İÇİN)<br>pool handle<br>(for lift-slide sliding)                                               | 10<br>adet/pieces  |

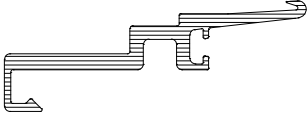
| AKSESUAR ŞEKLİ<br>ACCESSORIES SHAPE                                                 | AKSESUAR<br>ACCESS. NO | AKSESUAR TANIMI<br>ACCESSORIES DESCRIPTION                                                     | MİKTAR<br>QUANTITY |
|-------------------------------------------------------------------------------------|------------------------|------------------------------------------------------------------------------------------------|--------------------|
|    | 700 684                | CIVATALI PVC KÖŞE TAKOZU<br>bolted pvc corner wedge                                            | 100<br>adet/pieces |
|    | 700 988                | SU KANALI PROFİLİ UC KAPAKLARI<br>P 2328 için(For P 2328)<br>end dam for water channel profile | 20<br>adet/pieces  |
|    | 700 989                | SU BORUSU BAĞLANTISI<br>water pipe connection                                                  | 20<br>adet/pieces  |
|   | 701 052                | SU KANALI PROFİLİ UC KAPAKLARI<br>P 2467 için(For P 2467)<br>end dam for water channel profile | 20<br>adet/pieces  |
|  | 702 356                | 4,2x60 YSB İNOX VİDA<br>DIN 7982 A2<br>stainless steel pan head screw                          | 200<br>adet/pieces |
|  | 702 352                | 4,2x32 YSB İNOX VİDA<br>DIN 7982 A2<br>stainless steel pan head screw                          | 200<br>adet/pieces |
|  | 702 344                | 4,2x16 YSB İNOX VİDA<br>DIN 7982 A2<br>stainless steel pan head screw                          | 200<br>adet/pieces |
|  | 702 345                | 4,8x22 YHB İNOX VİDA<br>DIN 7982 A2<br>stainless steel countersunk screw                       | 200<br>adet/pieces |
|  | 702 347                | 4,2x13 YSB İNOX VİDA<br>DIN 7982 A2<br>stainless steel pan head screw                          | 200<br>adet/pieces |
|  | 700 509                | KİLİT KARŞILIGI<br>keeper                                                                      | 25<br>adet/pieces  |

| AKSESUAR ŞEKLİ<br>ACCESSORIES SHAPE                                                 | AKSESUAR<br>ACCESS. NO | AKSESUAR TANIMI<br>ACCESSORIES DESCRIPTION                                                                                        | MİKTAR<br>QUANTITY |
|-------------------------------------------------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------|
|    | 700 474                | 101 mm KENET İÇİN(basit sürme için)<br>KASA ALT SIZDIRMAZLIK SÜNGERİ<br>bottom tightness plug of the frame for<br>101mm interlock | 25<br>adet/pieces  |
|    | 700 584                | AYARLI RULMAN<br>adjustable roller                                                                                                | 20<br>adet/pieces  |
|   | 700 836                | HAVUZLU KOL<br>(BASİT SÜRME İÇİN)<br>pool handle<br>(for simple riding)                                                           | 1<br>adet/pieces   |
|  | 700 838                | HAVUZLU KOL<br>(KALDIR-SÜR SÜRME İÇİN)<br>pool handle<br>(for lift-slide sliding)                                                 | 10<br>adet/pieces  |
|   | 700 855                | ALT YATAY KASA PROFİL EK<br>YERİ LAMASI<br>bottom horizontal frame profile<br>joint plate                                         | 10<br>tk/set       |

| AKSESUAR ŞEKLİ<br>ACCESSORIES SHAPE                                                 | AKSESUAR<br>ACCESS. NO | AKSESUAR TANIMI<br>ACCESSORIES DESCRIPTION                                             | MİKTAR<br>QUANTITY |
|-------------------------------------------------------------------------------------|------------------------|----------------------------------------------------------------------------------------|--------------------|
|     | 700 854                | ÜST YATAY KASA PROFİL EK<br>YERİ LAMASI<br>top horizontal frame profile joint<br>plate | 10<br>tk/set       |
|   | 700 835                | PARALEL SÜRME İÇİN<br>180mm DÜZ KOL<br>for sliding<br>180mm handle                     | 1<br>adet/pieces   |
|  | 700 837                | 250mm DÜZ KOL<br>250mm handle                                                          | 1<br>adet/pieces   |
|  | 700 834                | 250mm DÜZ KOL<br>250mm handle                                                          | 1<br>adet/pieces   |

**UNIQUEslideMS**  
KALDIR ve SÜR KAPI SİSTEMİ  
LIFT&SLIDE DOOR SYSTEM

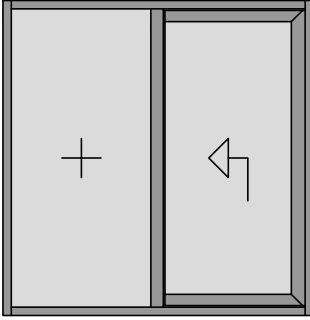
**PLASTİK PROFİLLER**  
PVC PROFILES

| PROFİL ŞEKLİ<br>PROFILE SECTION                                                                   | PROFİL KODU<br>PROFILE NO | MALZEME<br>MATERIAL | PROFİL TANIMI<br>PROFILE DESCRIPTION                   | PAKET<br>PACKAGE |
|---------------------------------------------------------------------------------------------------|---------------------------|---------------------|--------------------------------------------------------|------------------|
| <br>0,170kg/mt   | 600 419                   | PVC                 | DAR PVC KENET PROFİLİ<br>pvc interlock for slim sash   | 6mt<br>25ad/pk   |
| <br>0,310kg/mt    | 600 459                   | POLYAMİD            | GENİŞ KENET PROFİLİ<br>interlock for wide sash         | 6mt<br>25ad/pk   |
| <br>0,110kg/mt    | 600 448                   | PVC                 | KASA<br>KANAL KAPATMA PROFİLİ<br>frame closing profile | 6mt<br>25ad/pk   |
| <br>0,305kg/mt | 600 520                   | PVC                 | DAR PVC KENET PROFİLİ<br>pvc interlock for slim sash   | 6mt<br>25ad/pk   |

**UNIQUEslideMS**  
KALDIR ve SÜR KAPI SİSTEMİ  
LIFT&SLIDE DOOR SYSTEM

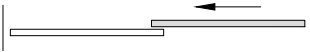
UYGULANABİLİR AÇILIM TİPLERİ  
APPLICABLE OPENING TIPOLOGIES

tek raylı kasa,tek kanat kayar,tek sabit camlı  
single track,single sash slide,single fix glass

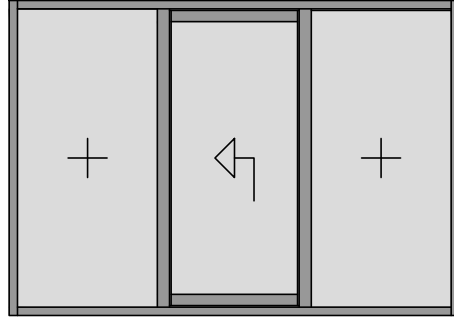


1

dış görünüş-external view

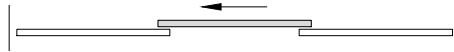


tek raylı kasa,tek kanat kayar,iki sabit camlı  
single track,single sash slide,double fix glass

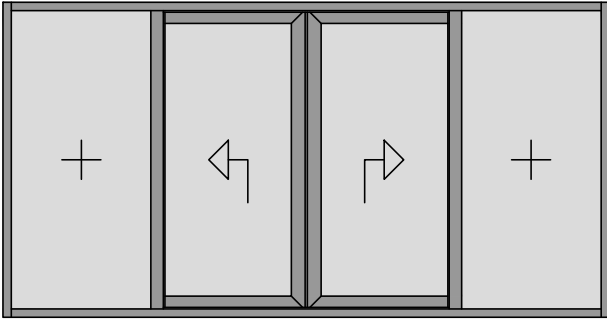


2

dış görünüş-external view



tek raylı kasa,çift kanat kayar,çift sabit camlı  
single track,two sashes slide,two fix glasses

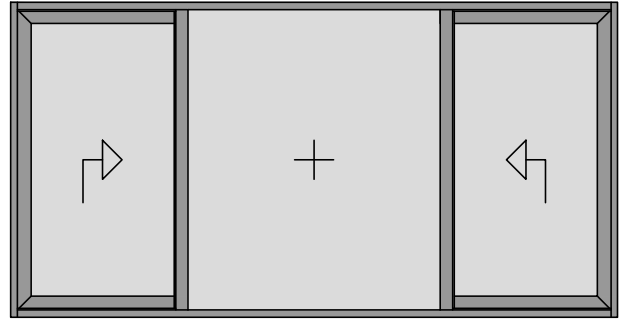


3

dış görünüş-external view



tek raylı kasa,çift kanat kayar,ortada tek sabit camlı  
single track,two sashes slide,single fix glass in the middle

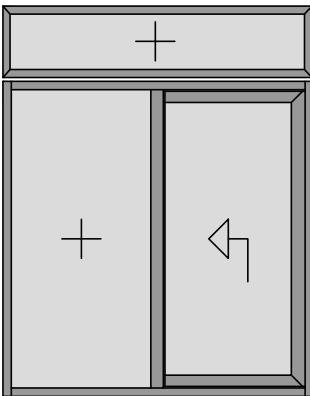


4

dış görünüş-external view

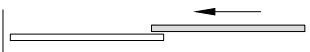


tek raylı kasa,tek kanat kayar,tek sabit camlı üst sabit  
single track,single sash slide,single fix glass top fix

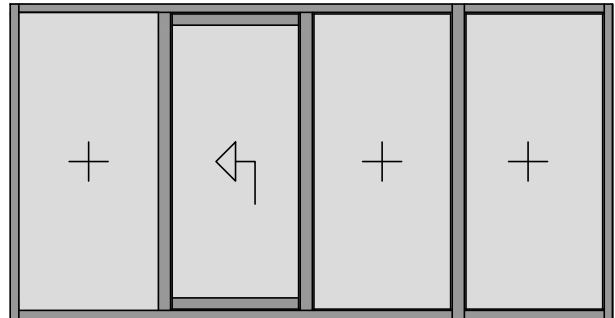


5

dış görünüş-external view



tek raylı kasa,tek kanat kayar,üç sabit camlı  
single track,single sash slide,tribe fix glass



6

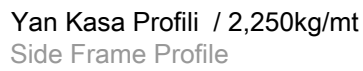
dış görünüş-external view



**UNIQUEslideMS**  
KALDIR ve SÜR KAPI SİSTEMİ  
LIFT&SLIDE DOOR SYSTEM

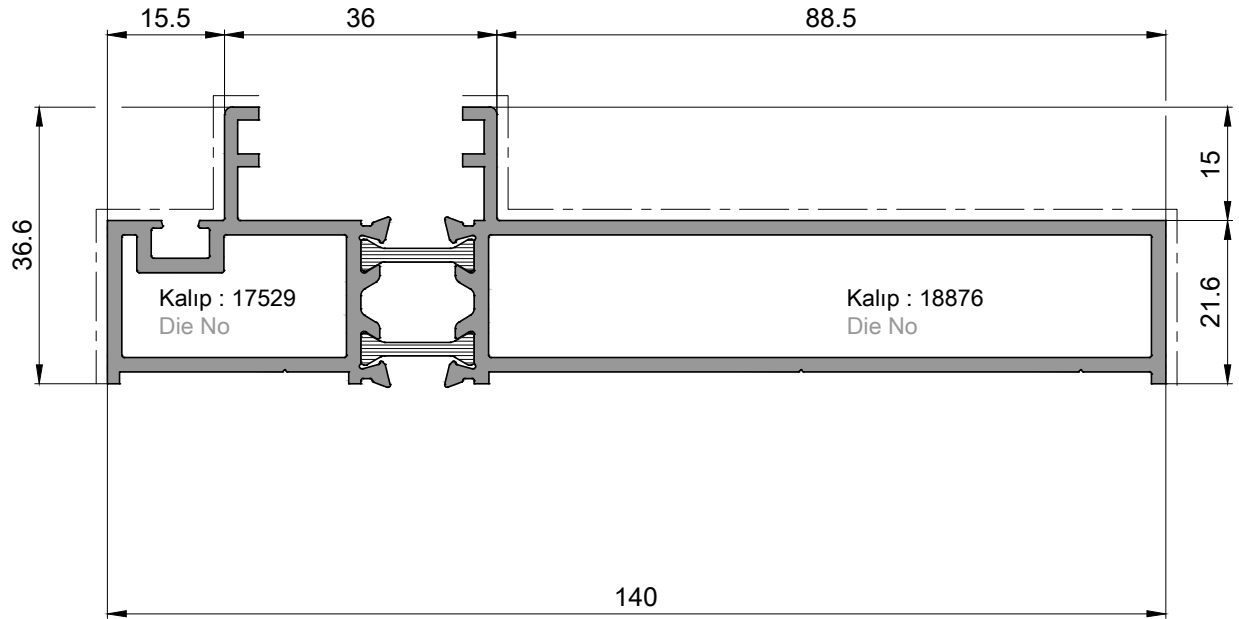
**TAM ÖLÇEKLİ ALUMİNYUM PROFİLLER**  
FULL SCALE ALUMINIUM PROFILES

Yan Kasa Profili / 2,265kg/mt  
Side Frame Profile



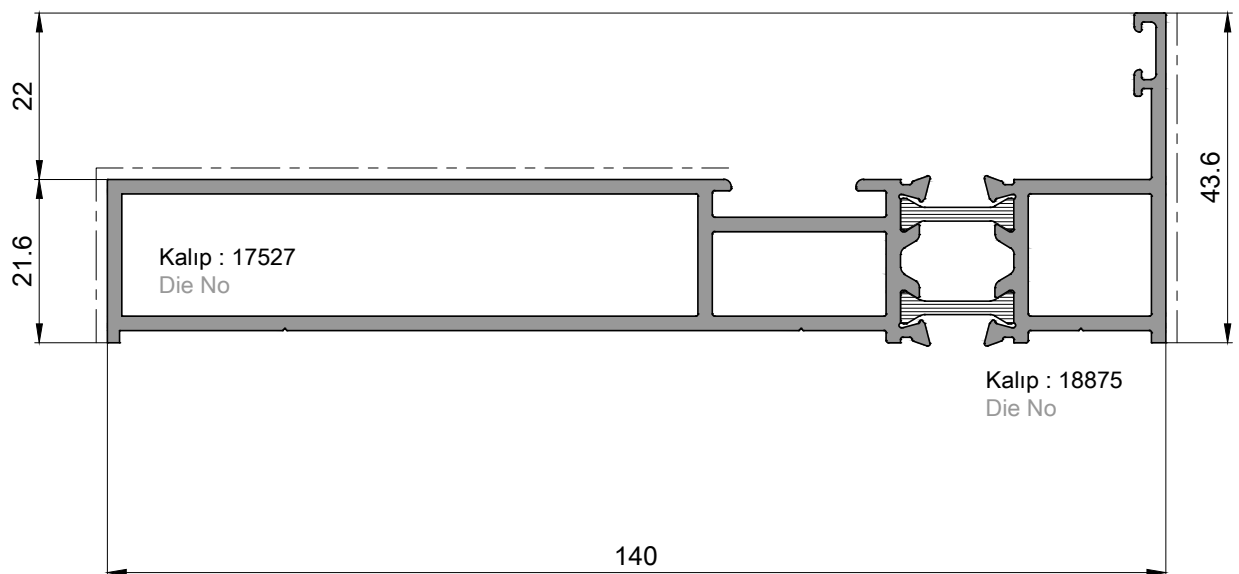
### P 2397

Yan Kasa Profili / 2,140kg/mt  
Side Frame Profile



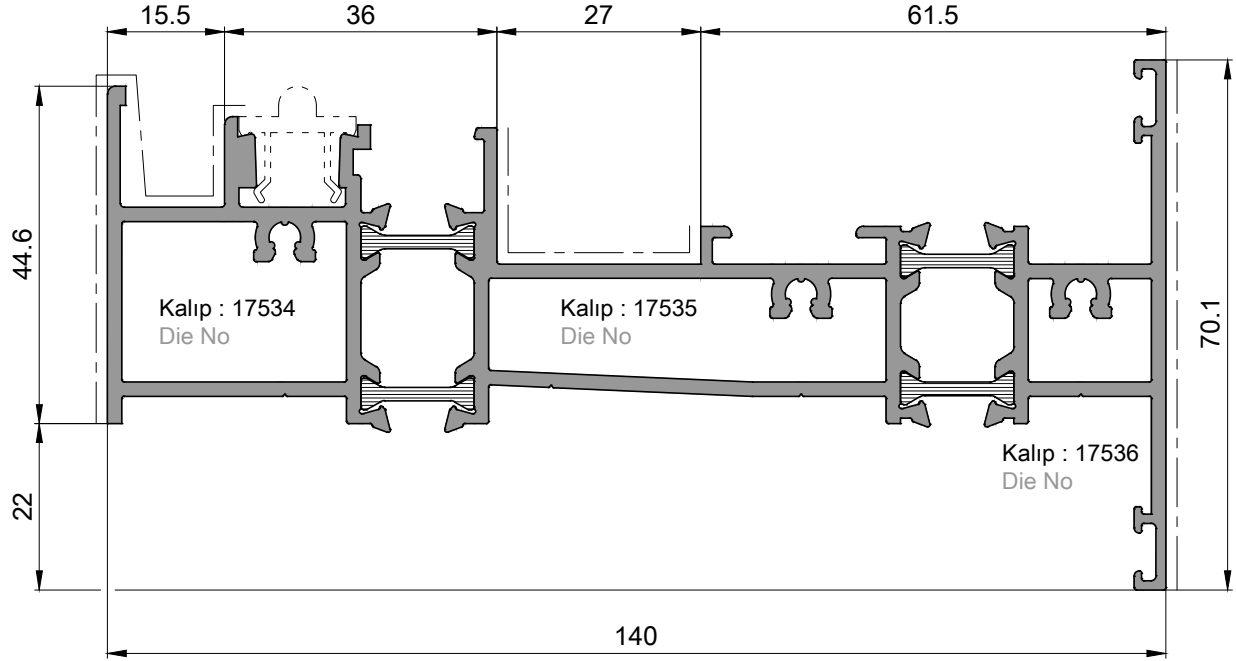
### P 2398

Yan Kasa Profili / 2,125kg/mt  
Side Frame Profile



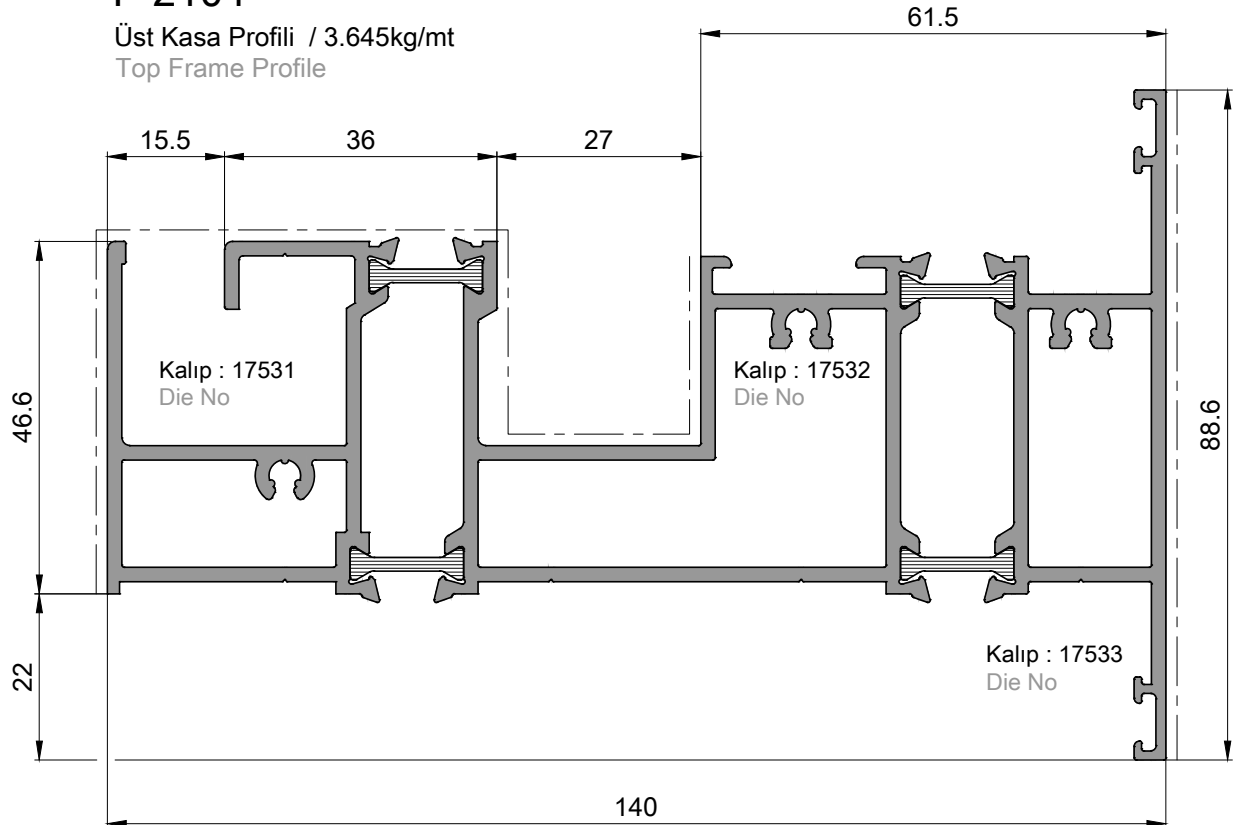
### P 2103

Alt Kasa Profili / 3.155kg/mt  
Bottom Frame Profile



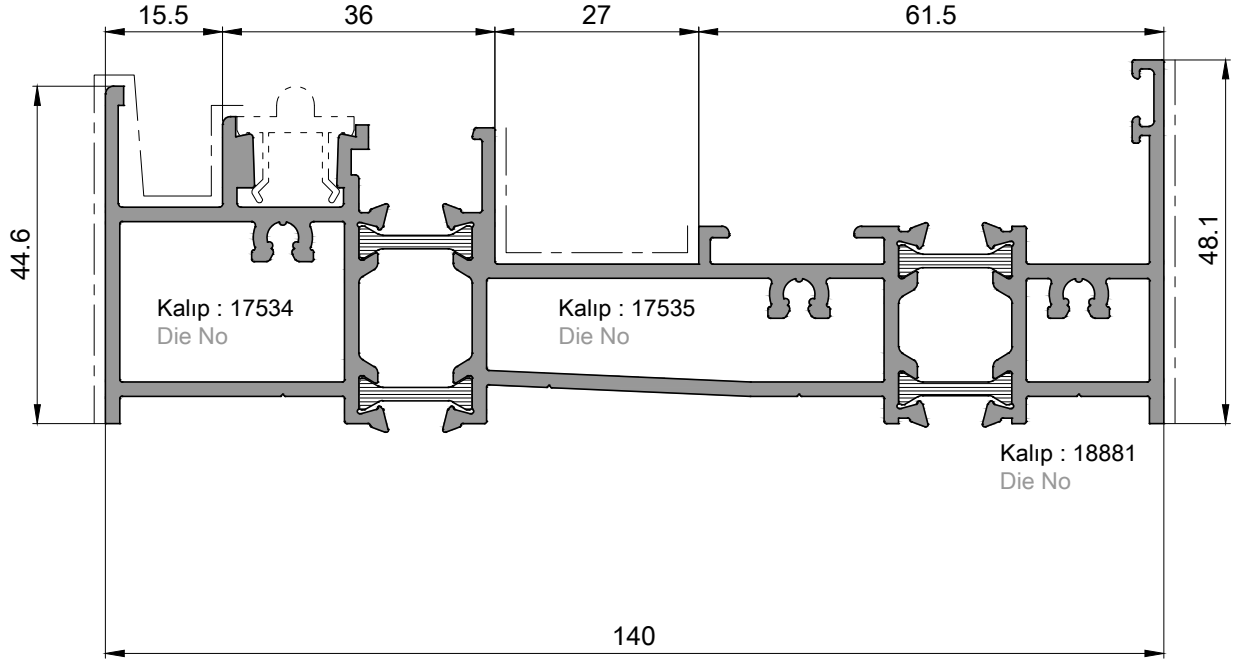
### P 2104

Üst Kasa Profili / 3.645kg/mt  
Top Frame Profile



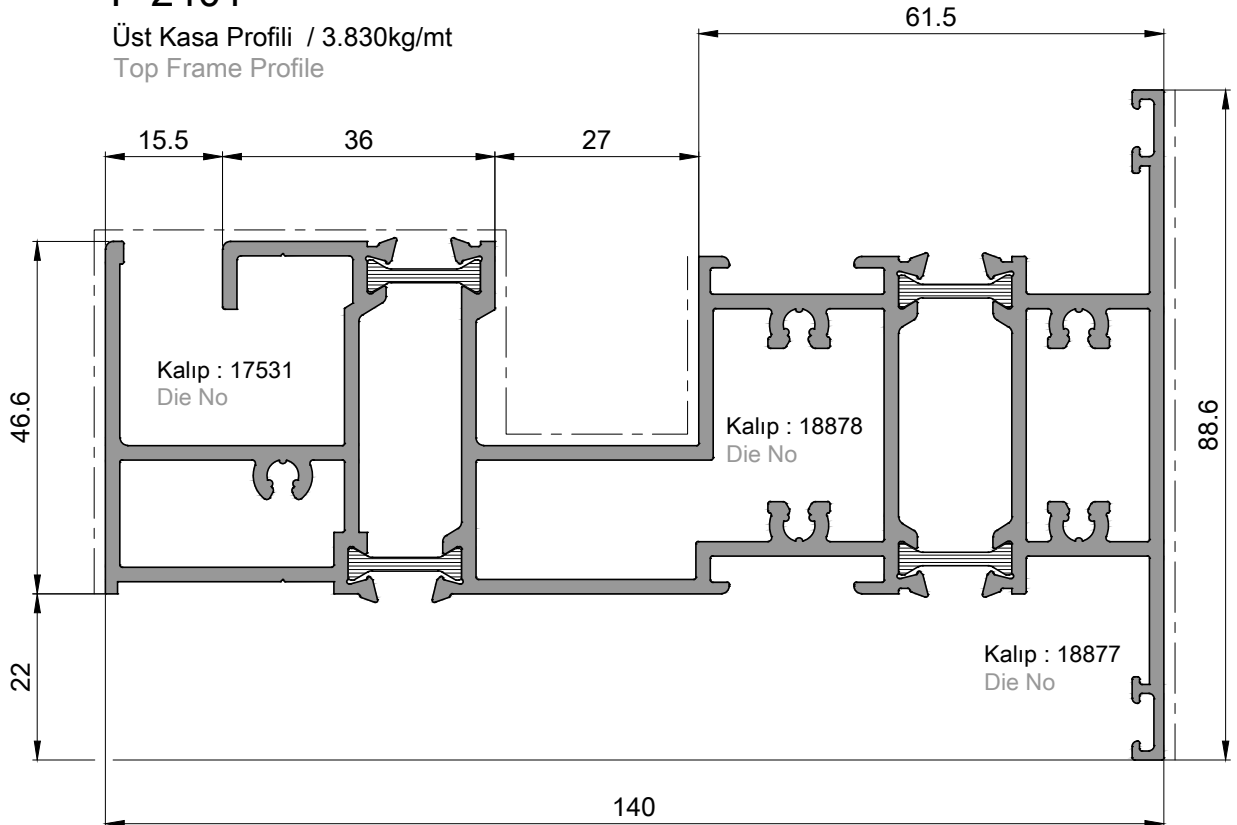
## P 2399

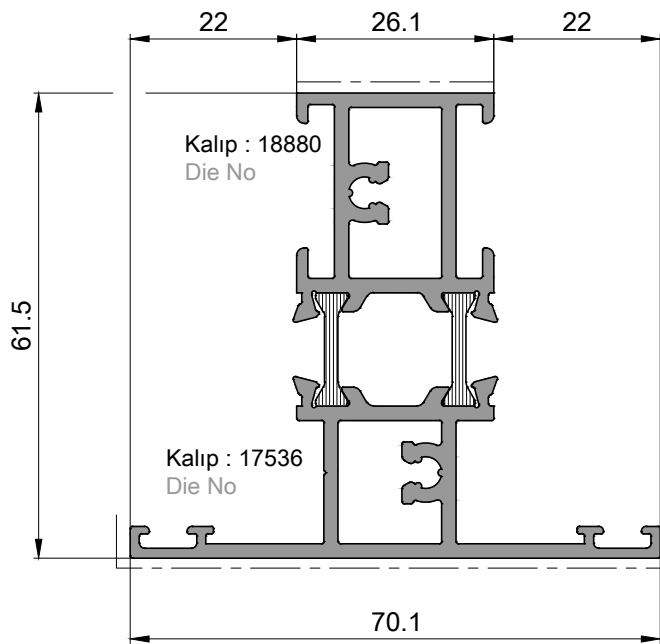
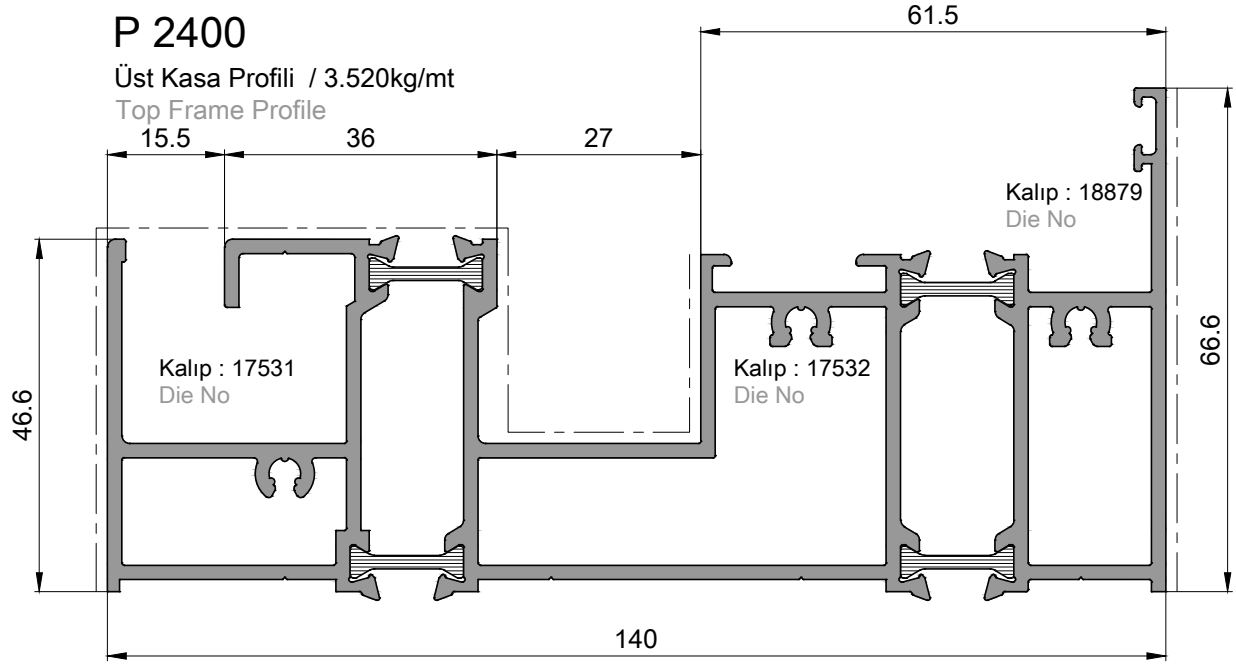
Alt Kasa Profili / 3.035kg/mt  
Bottom Frame Profile



## P 2401

Üst Kasa Profili / 3.830kg/mt  
Top Frame Profile



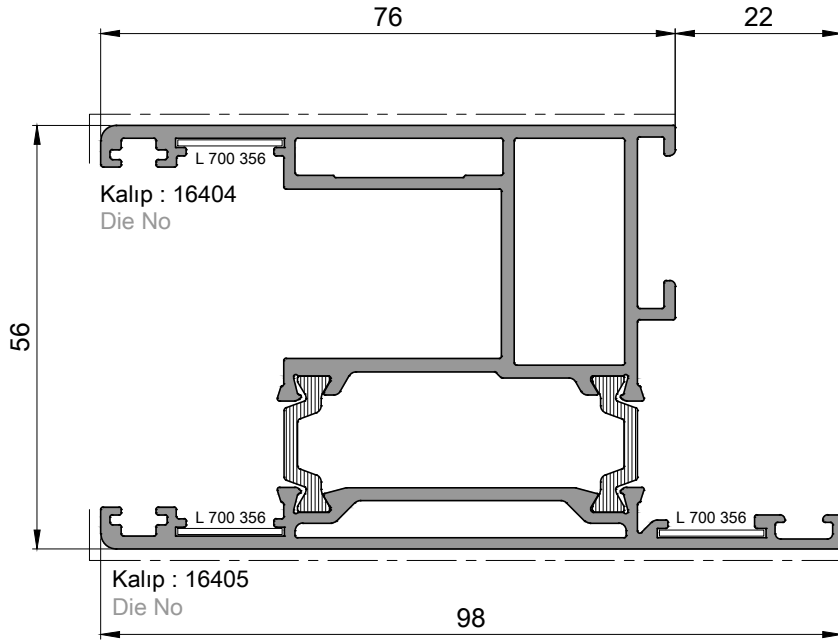


**P 2402**

Ortakayıt Profili / 1,605kg/mt  
Mullion Profile

$I_x$  18.18 cm<sup>4</sup>

$I_y$  8.69 cm<sup>4</sup>

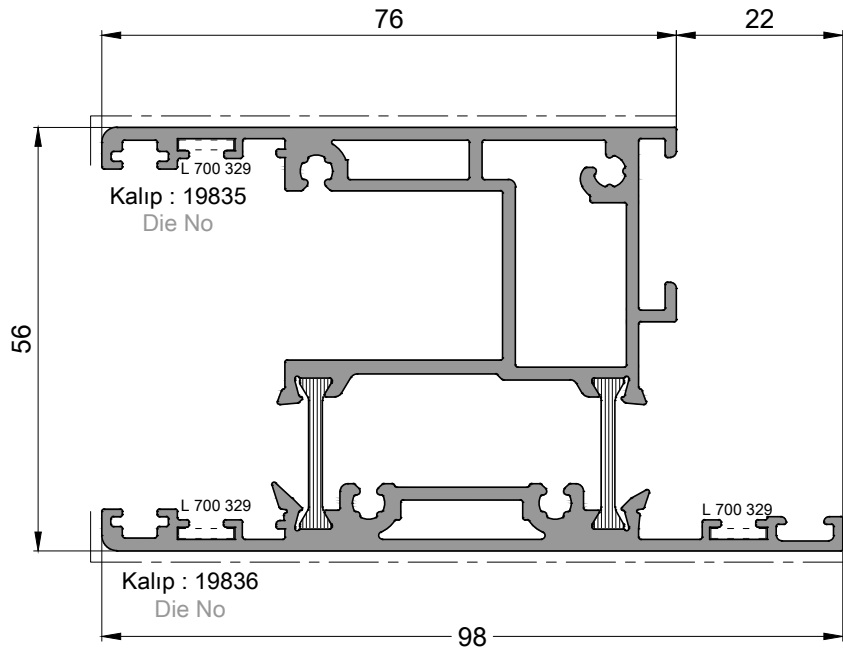


### P 1731

Kanat Profili / 2.070kg/mt  
Sash Profile

$I_x$   26.94 cm<sup>4</sup>

$I_y$   30.96 cm<sup>4</sup>

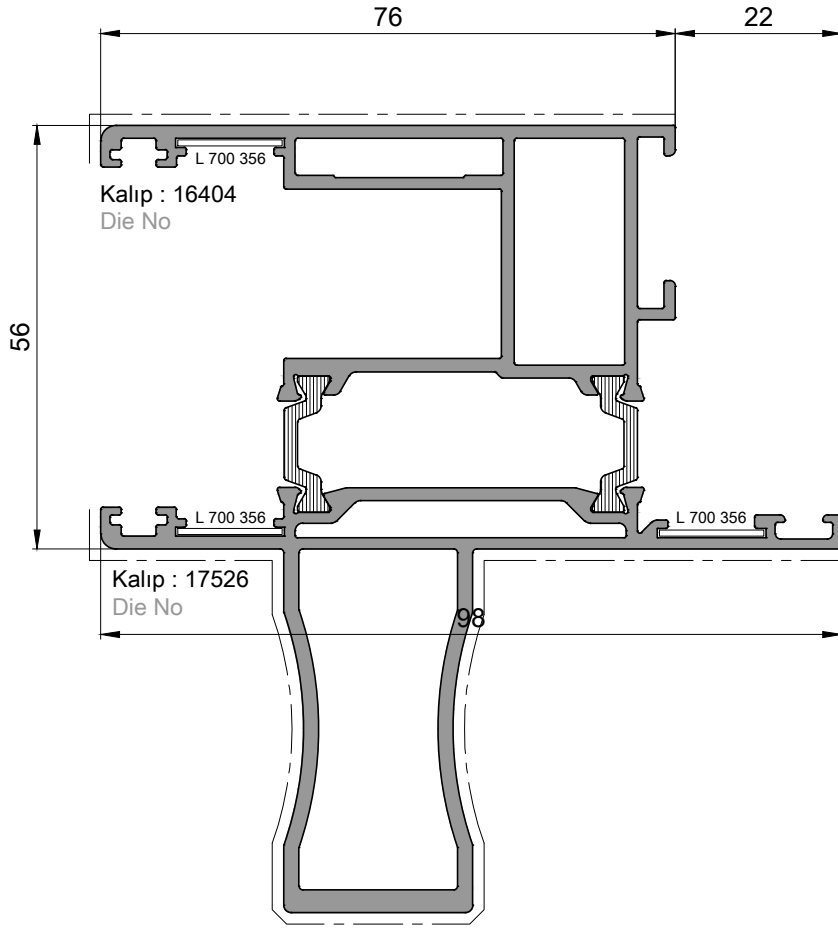


### P 3065

Kanat Profili / 2.290kg/mt  
Sash Profile

$I_x$   30.74 cm<sup>4</sup>

$I_y$   40.76 cm<sup>4</sup>



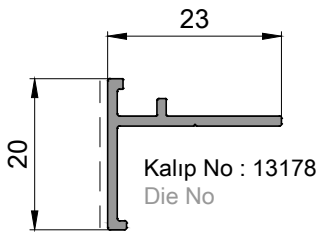
**P 2106**

Kanat Profili / 2.785kg/mt  
Sash Profile

$I_x$  74.62 cm<sup>4</sup>  $I_y$  42.78 cm<sup>4</sup>

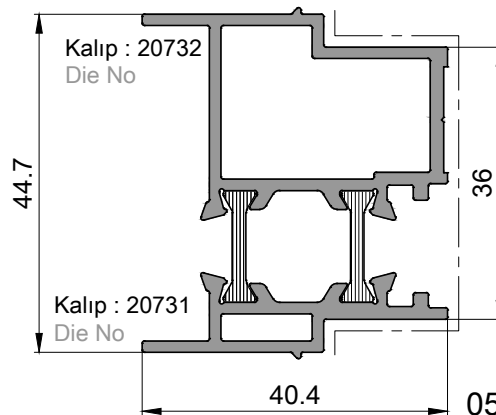
**P 1321**

Pervaz Profil / 0,160kg/mt  
Architrave Profile

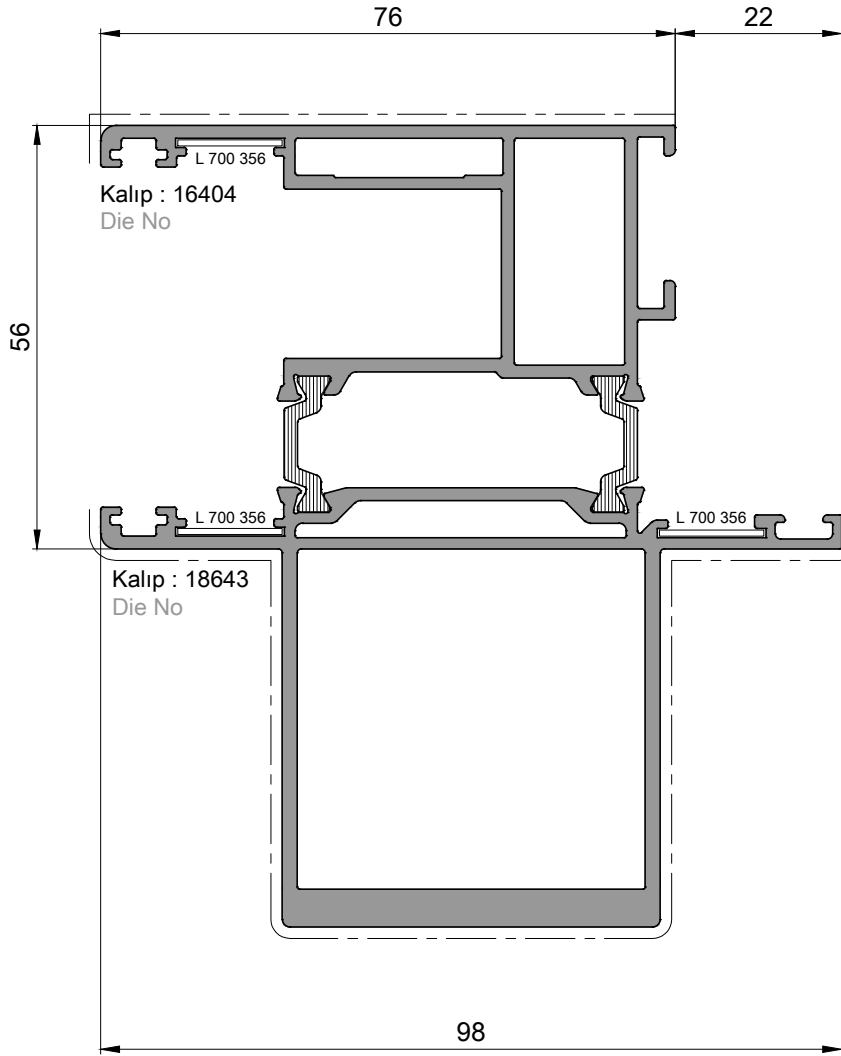


**P 3143**

Adaptör Profili / 1.015kg/mt  
Adepter Profile



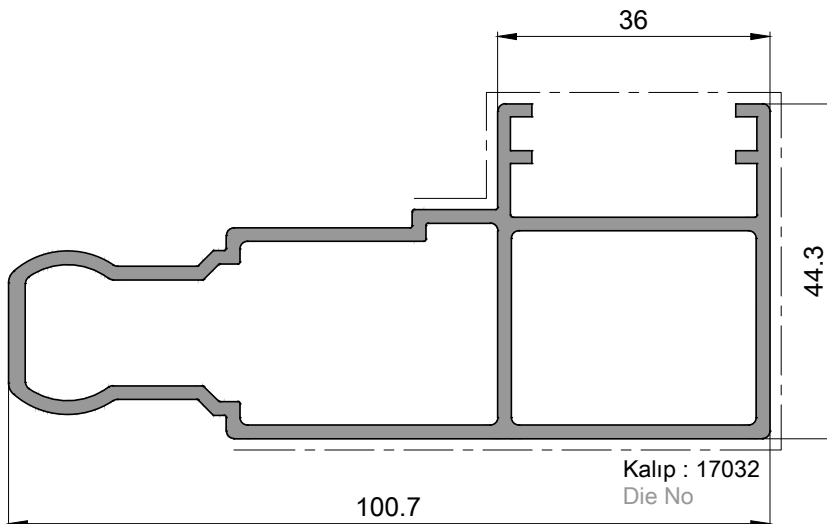
$I_x$  05.70 cm<sup>4</sup>  $I_y$  4.27 cm<sup>4</sup>



## P 1292

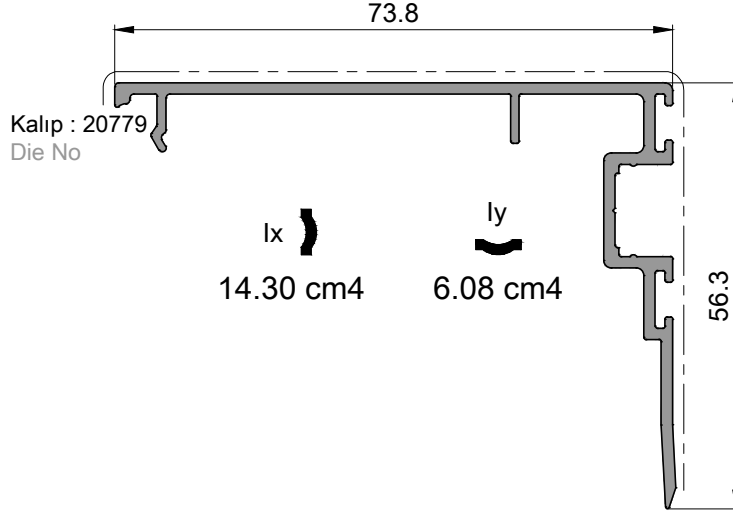
Kanat Profili / 3.310kg/mt  
Sash Profile

$I_x$   119.93 cm<sup>4</sup>  
 $I_y$   43.56 cm<sup>4</sup>



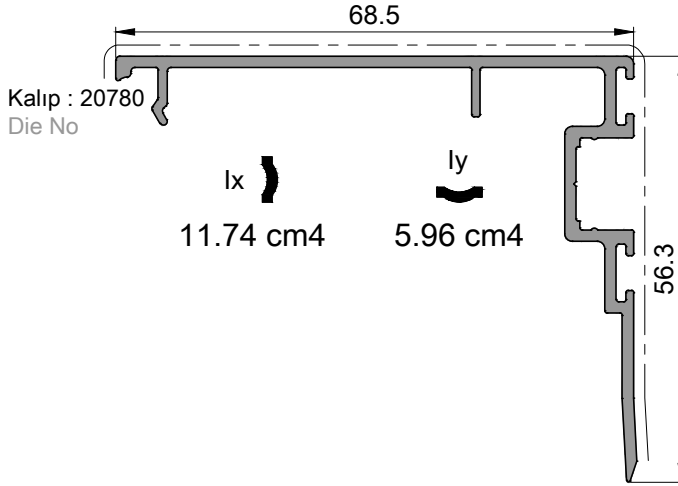
## P 1752

Kilitleme Adaptör Profili / 1,565kg/mt  
Locking Adapter Profile



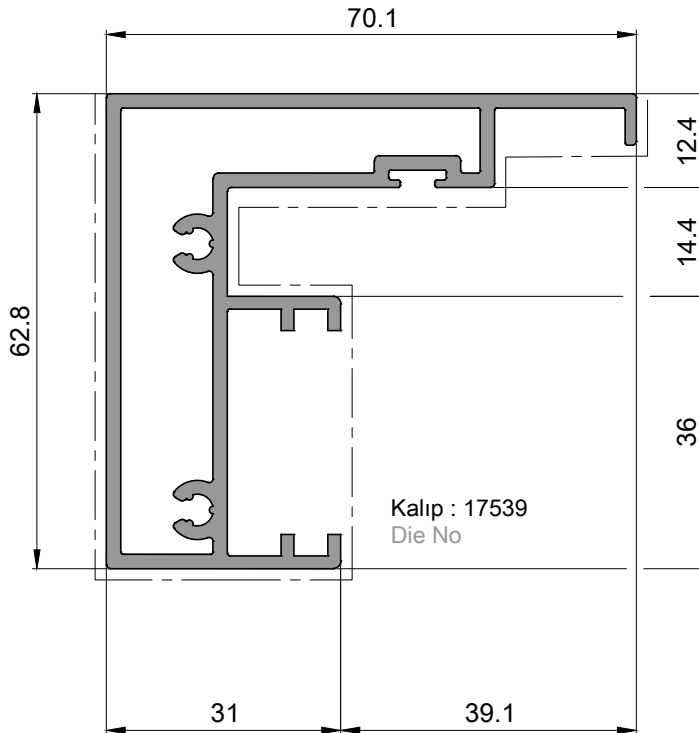
**P 3146**

Kapatma Profili / 0.670kg/mt  
Closing Profile



**P 3147**

Kapatma Profili / 0.645kg/mt  
Closing Profile

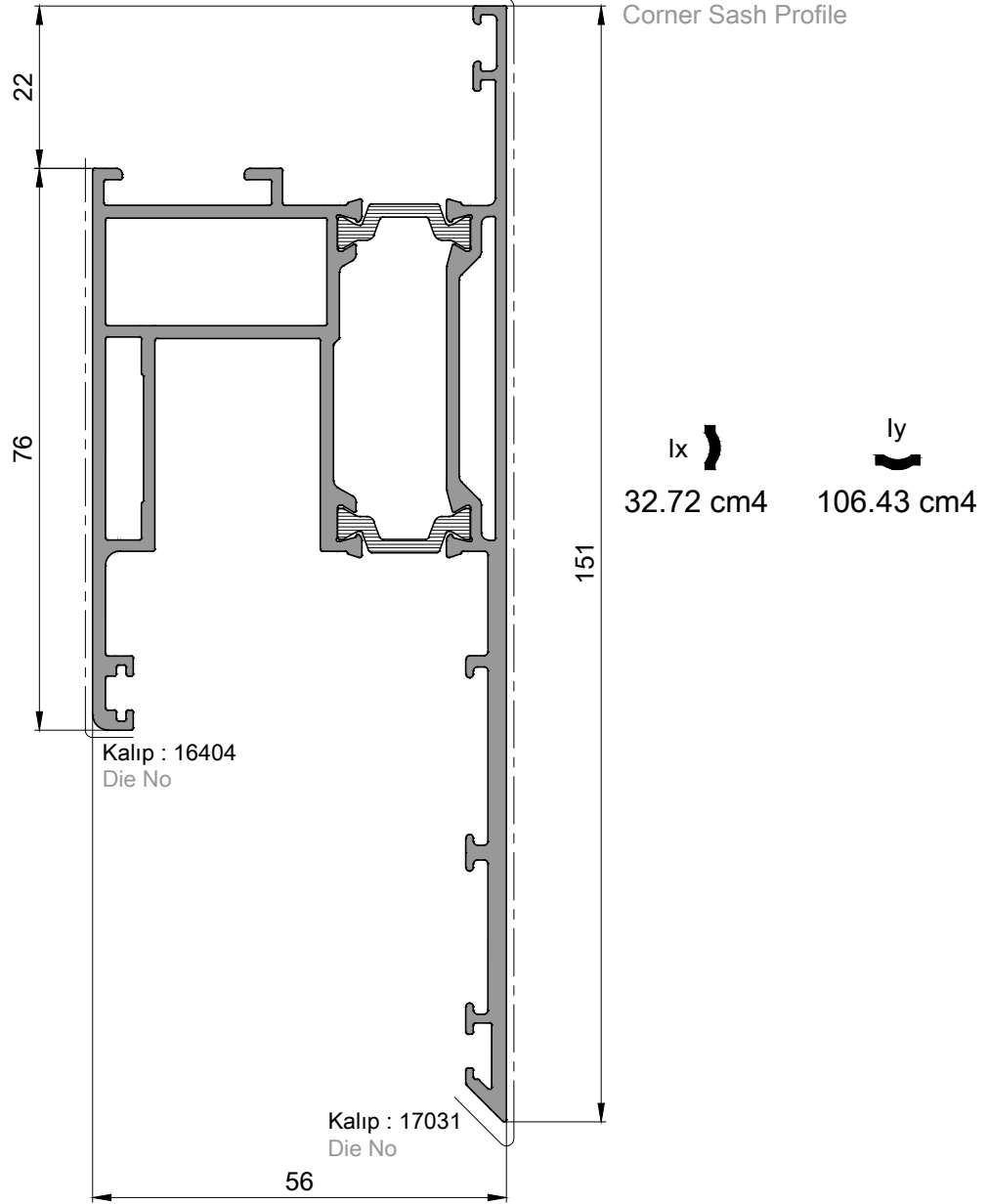


**P 2107**

Adaptör Profili / 1.590kg/mt  
Adepter Profile

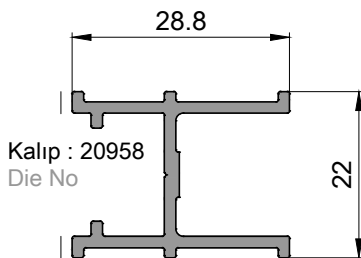
## P 1751

KÖŞE KANAT PROFİLİ / 2.495kg/mt  
Corner Sash Profile



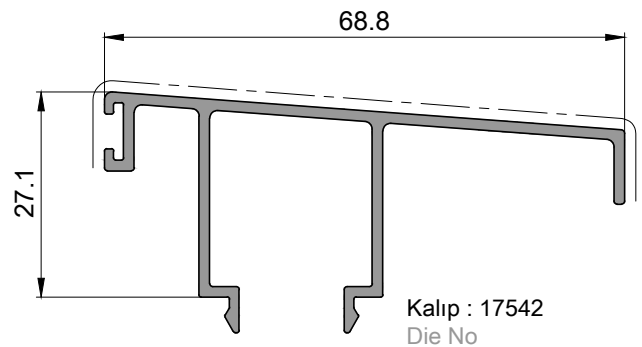
## P 3157

İspanyolet Kanal Profili / 0.360kg/mt  
Channel For Espagnolette



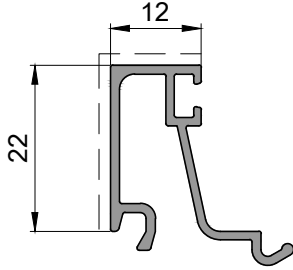
## P 2108

Kapak Profili / 0.590kg/mt  
Cap Profile



**P 1745**

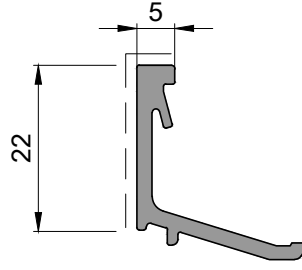
Çıta Profili / 0.270kg/mt  
Glazing Bead Profile



Kalip : 16410  
Die No

**P 1750**

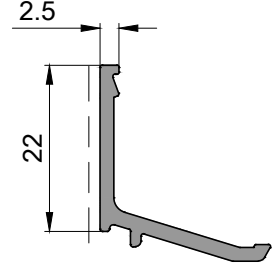
Çıta Profili / 0.280kg/mt  
Glazing Bead Profile



Kalip : 12558  
Die No

**P 3067**

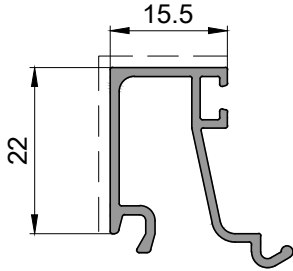
Çıta Profili / 0.235kg/mt  
Glazing Bead Profile



Kalip : 9344  
Die No

**P 1746**

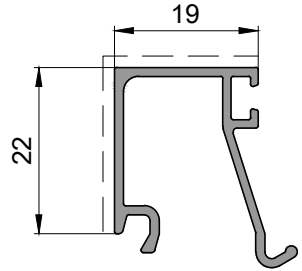
Çıta Profili / 0.275kg/mt  
Glazing Bead Profile



Kalip : 16411  
Die No

**P 1747**

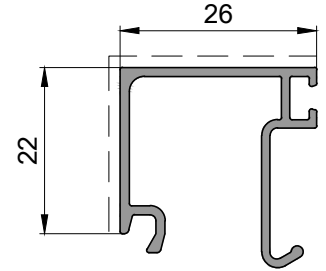
Çıta Profili / 0.280kg/mt  
Glazing Bead Profile



Kalip : 16412  
Die No

**P 1748**

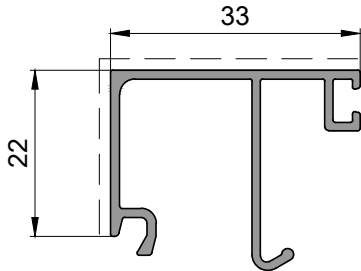
Çıta Profili / 0.300kg/mt  
Glazing Bead Profile



Kalip : 16413  
Die No

**P 1749**

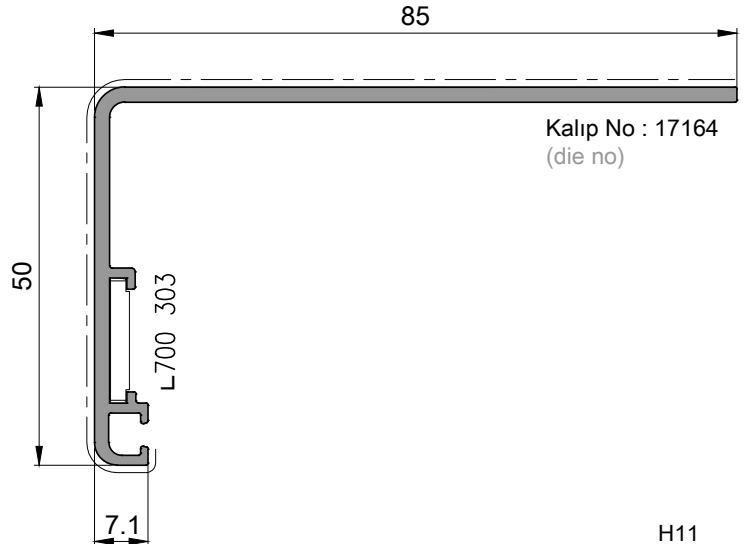
Çıta Profili / 0.340kg/mt  
Glazing Bead Profile



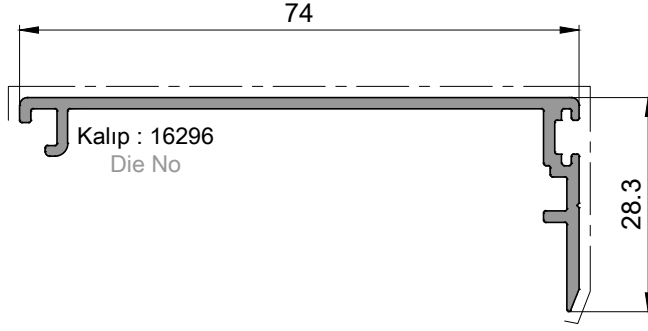
Kalip : 16414  
Die No

**P 2112**

Pervaz profili / 0,775kg/mt  
Architrave Profile



Kalip No : 17164  
(die no)



### P 1738

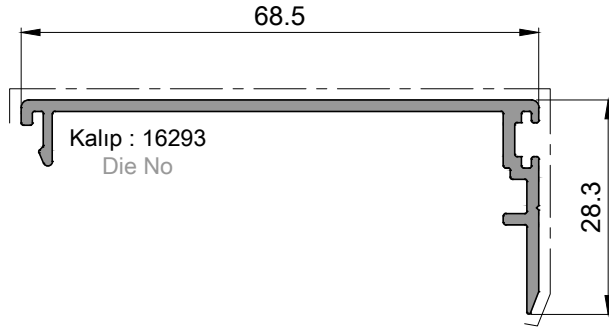
Orta Kayıt Kapatma Profili / 0.485kg/mt  
Mullion Closing Profile



12.09 cm<sup>4</sup>



0.61 cm<sup>4</sup>



### P 1735

Kanat Kapatma Profili / 0.455kg/mt  
Sash Closing Profile



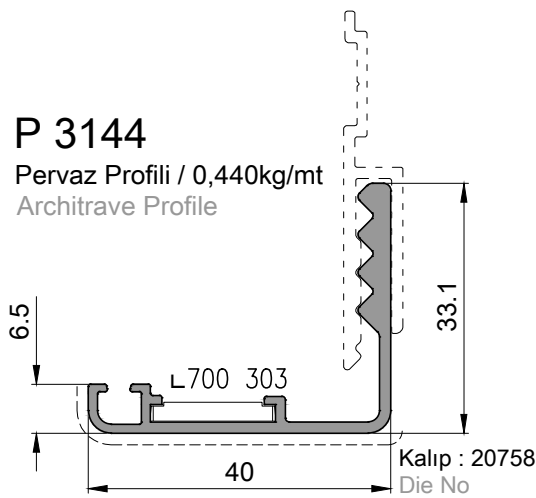
9.94 cm<sup>4</sup>



0.60 cm<sup>4</sup>

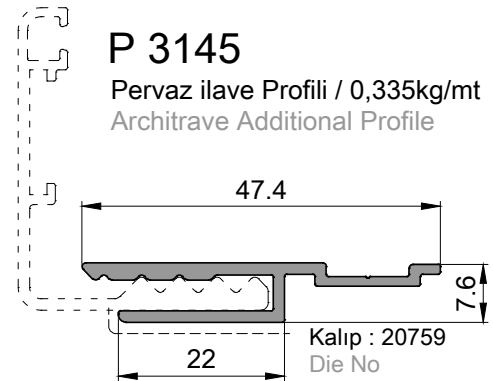
### P 3144

Pervaz Profili / 0,440kg/mt  
Architrave Profile



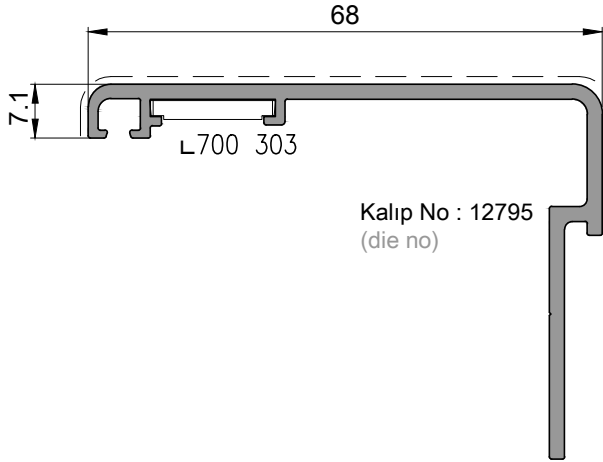
### P 3145

Pervaz ilave Profili / 0,335kg/mt  
Architrave Additional Profile



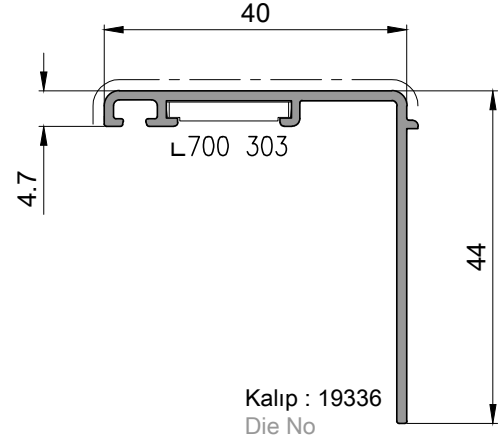
### P 1222

Pervaz Profili / 0,760kg/mt  
Architrave Profile



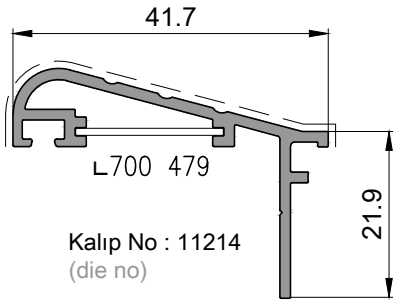
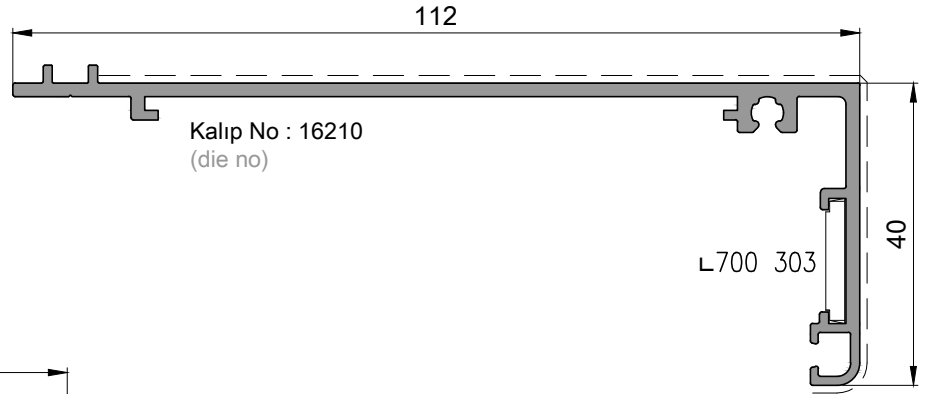
### P 2205

Pervaz Profil / 0,340kg/mt  
Architrave Profile



### P 1761

Pervaz Profili / 0,890kg/mt  
Long Architrave Profile

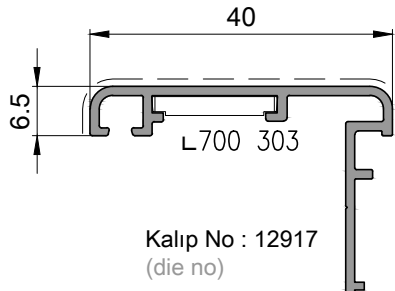


### P 1287

Pervaz Profili / 0,360kg/mt  
Architrave Profile

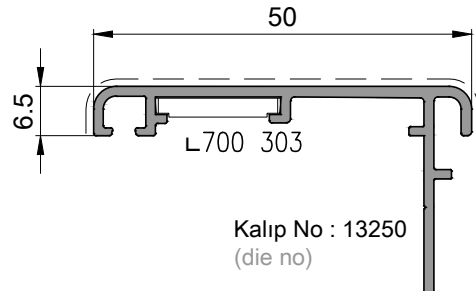
### P 1177

Pervaz Profili / 0,305kg/mt  
Architrave Profile



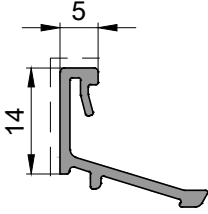
### P 1178

Pervaz Profili / 0,375kg/mt  
Architrave Profile



**P 3079**

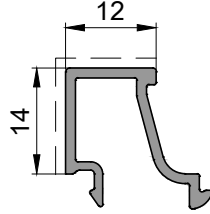
Çıta Profili / 0.160kg/mt  
Glazing Bead Profile



Kalıp : \*  
Die No

**P 3080**

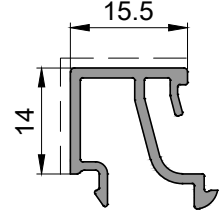
Çıta Profili / 0.195kg/mt  
Glazing Bead Profile



Kalıp : 9544  
Die No

**P 3078**

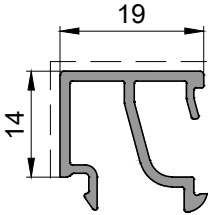
Çıta Profili / 0.225kg/mt  
Glazing Bead Profile



Kalıp : 20097  
Die No

**P 3081**

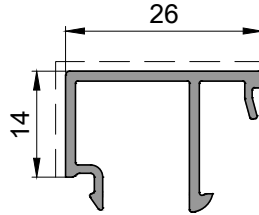
Çıta Profili / 0.240kg/mt  
Glazing Bead Profile



Kalıp : \*  
Die No

**P 3082**

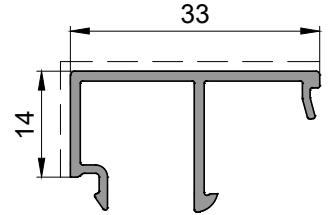
Çıta Profili / 0.245kg/mt  
Glazing Bead Profile



Kalıp : \*  
Die No

**P 3083**

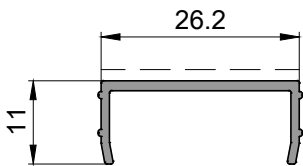
Çıta Profili / 0.270kg/mt  
Glazing Bead Profile



Kalıp : \*  
Die No

**P 2109**

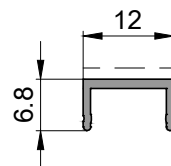
Kapatma Profili / 0.155kg/mt  
Closing Profile



Kalıp : 17834  
Die No

**P 3148**

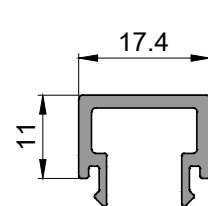
Kapatma Profili / 0.070kg/mt  
Closing Profile



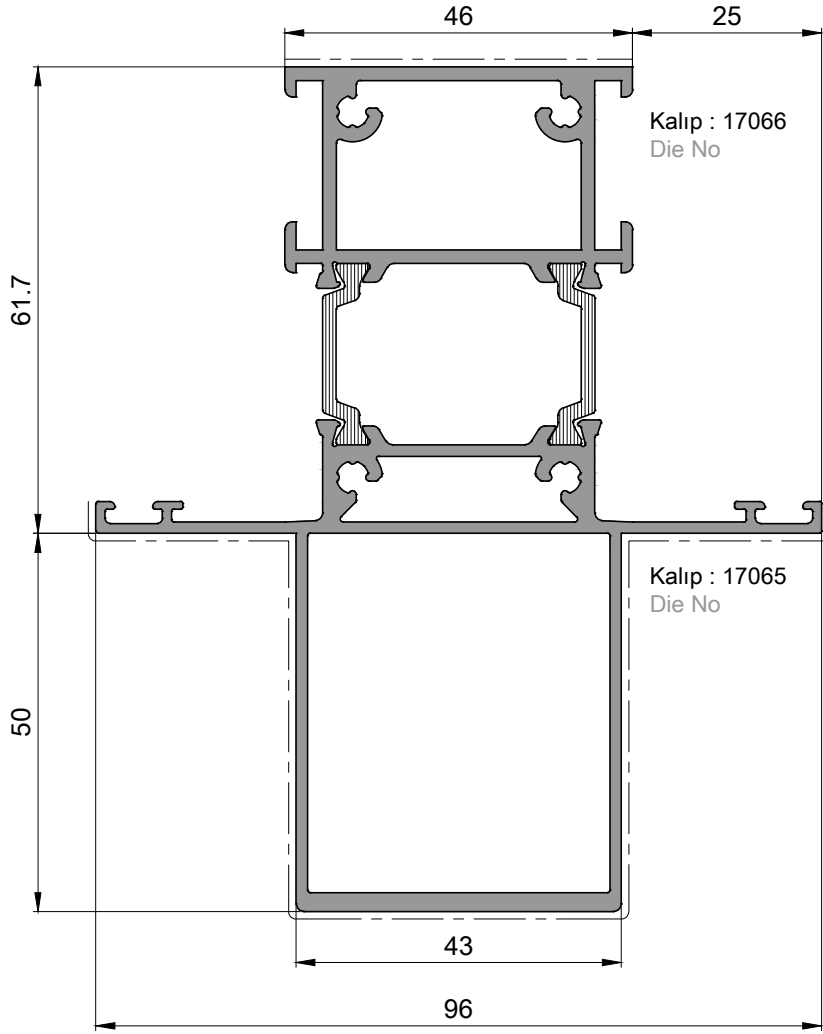
Kalıp : 10368  
Die No

**P 3093**

Su kanalı ek profili / 0,210kg/mt  
Water channel additional profile



Kalıp : \*\*  
Die No

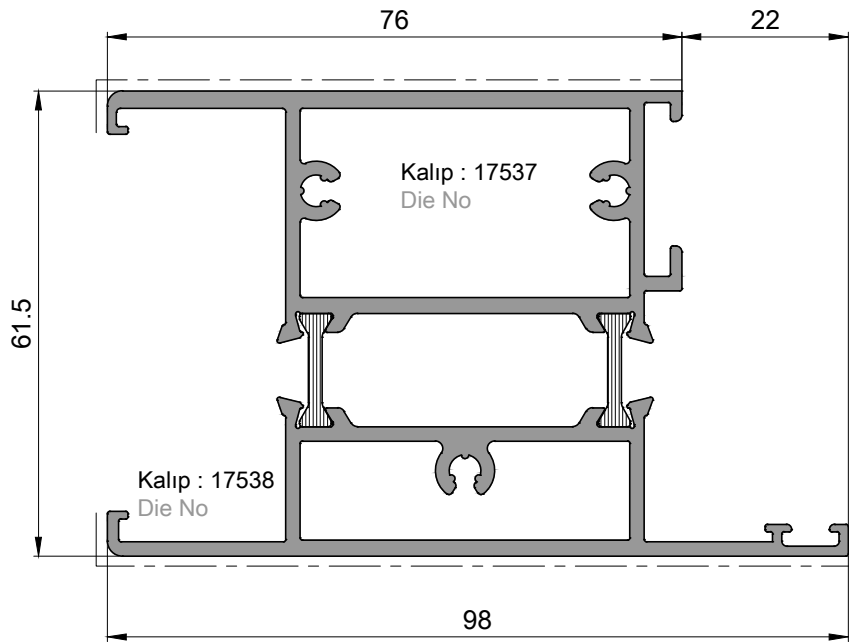


### P 1753

Takviyeli Orta Kayıt / 2.580kg/mt  
Mullion Profile With Reinforcement

$$I_x \quad I_y$$

82.37 cm<sup>4</sup> 32.49 cm<sup>4</sup>



### P 2105

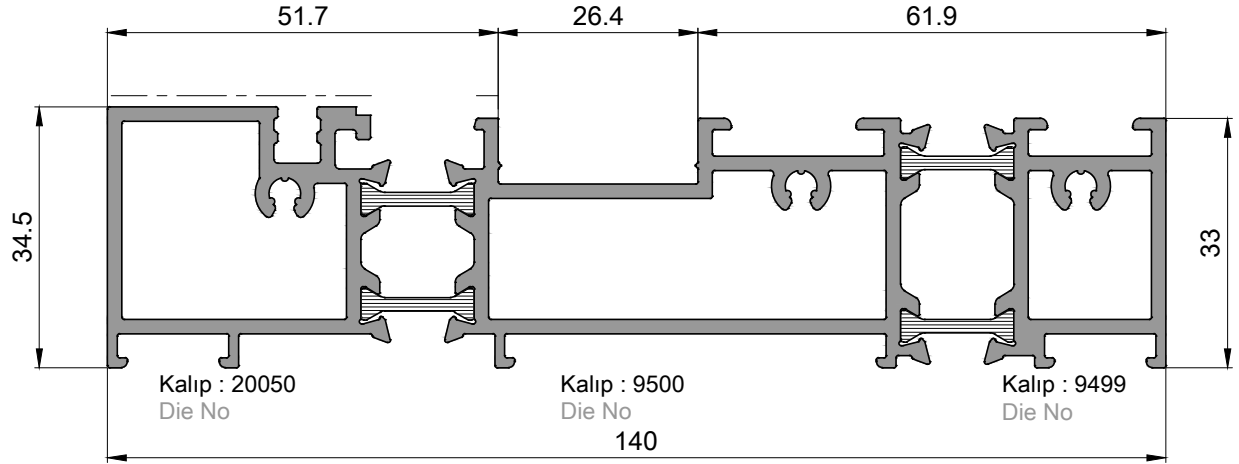
Orta Kayıt Profili / 2.440kg/mt  
Mullion Profile

$$I_x \quad I_y$$

34.94 cm<sup>4</sup> 35.44 cm<sup>4</sup>

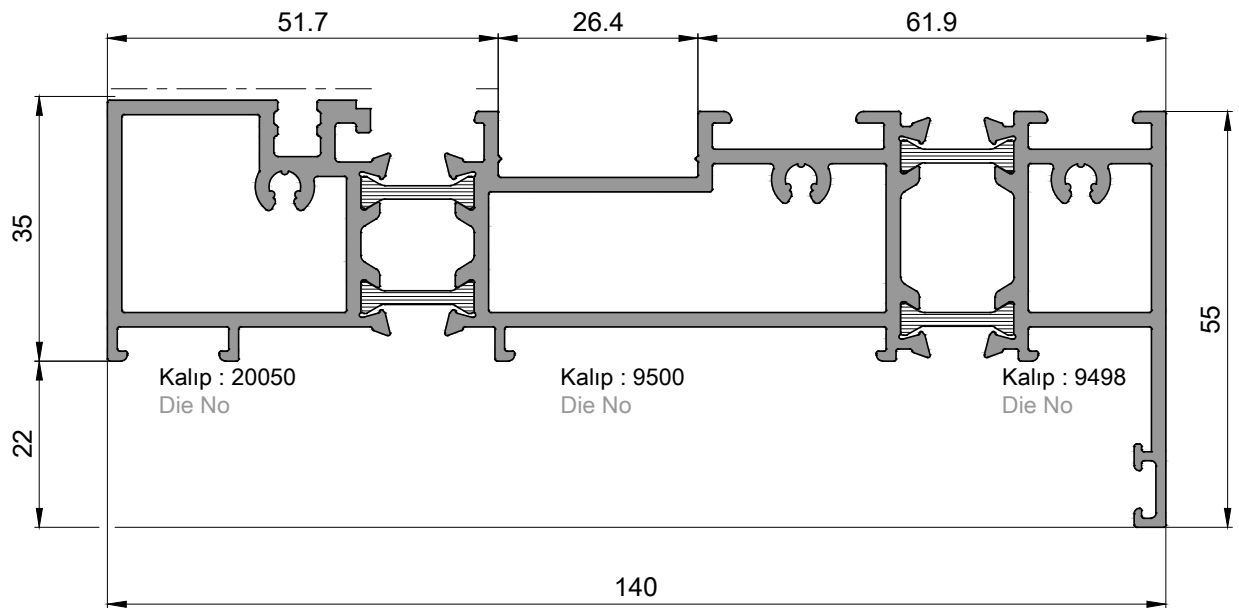
### P 3094

Sıfır Eşik Kasa Profili / 2.910kg/mt  
Flat Sill Bottom Frame Profile



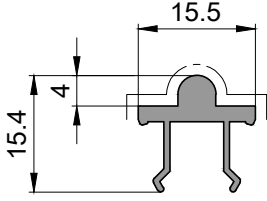
### P 3095

Sıfır Eşik Kasa Profili / 3.020kg/mt  
Flat Sill Bottom Frame Profile



## P 1740

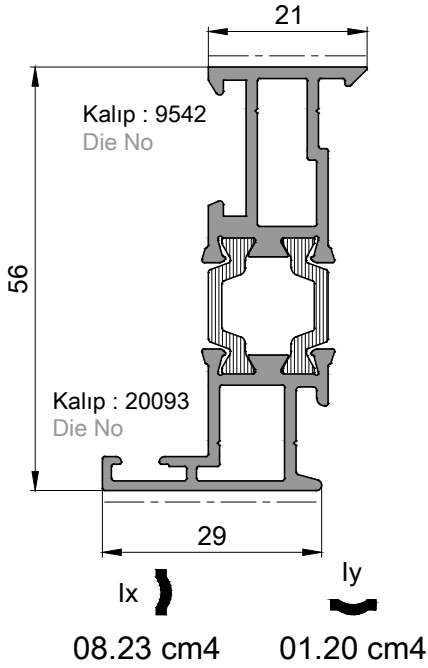
Ray Profili / 0.180kg/mt  
Rail Profile



Kalip : 16400  
Die No

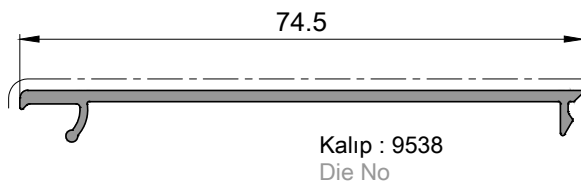
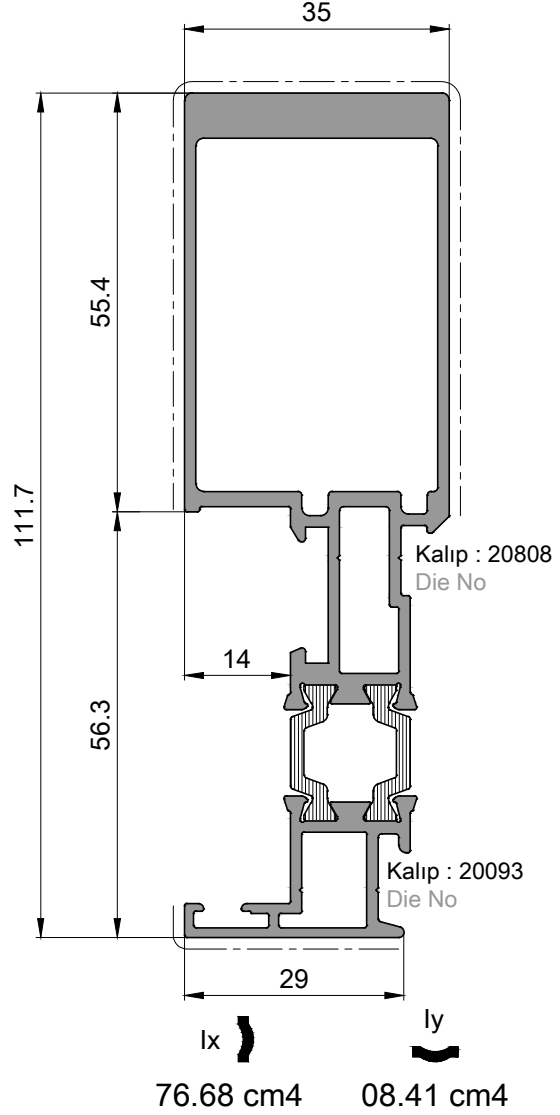
## P 3085

İnce Kanat Profili / 0.940kg/mt  
Slim sash profile



## P 3087

İnce Takviyeli Kanat Profili / 2.030kg/mt  
Slim Reinforcement Sash Profile

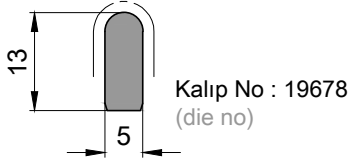


## P 3086

Kapatma Profili / 0.340kg/mt  
Closing Profile

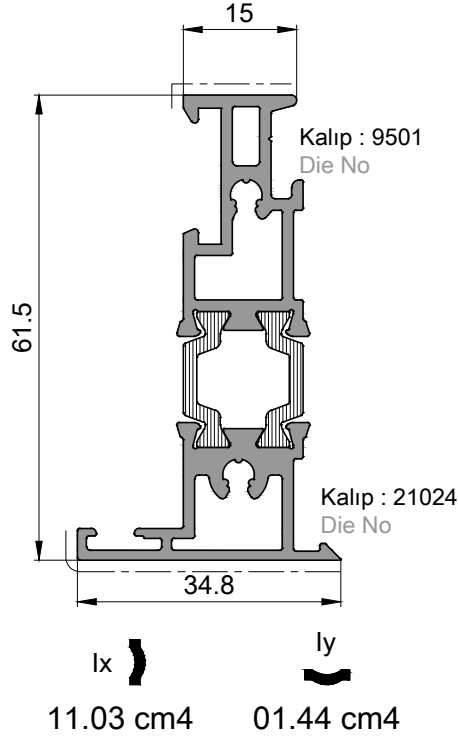
### P 2488

Ray Profili / 0,170kg/mt  
Rail Profile



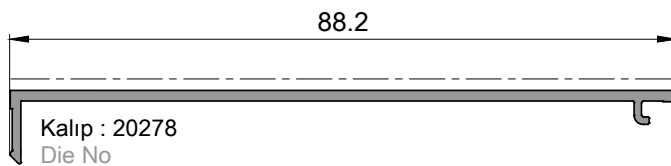
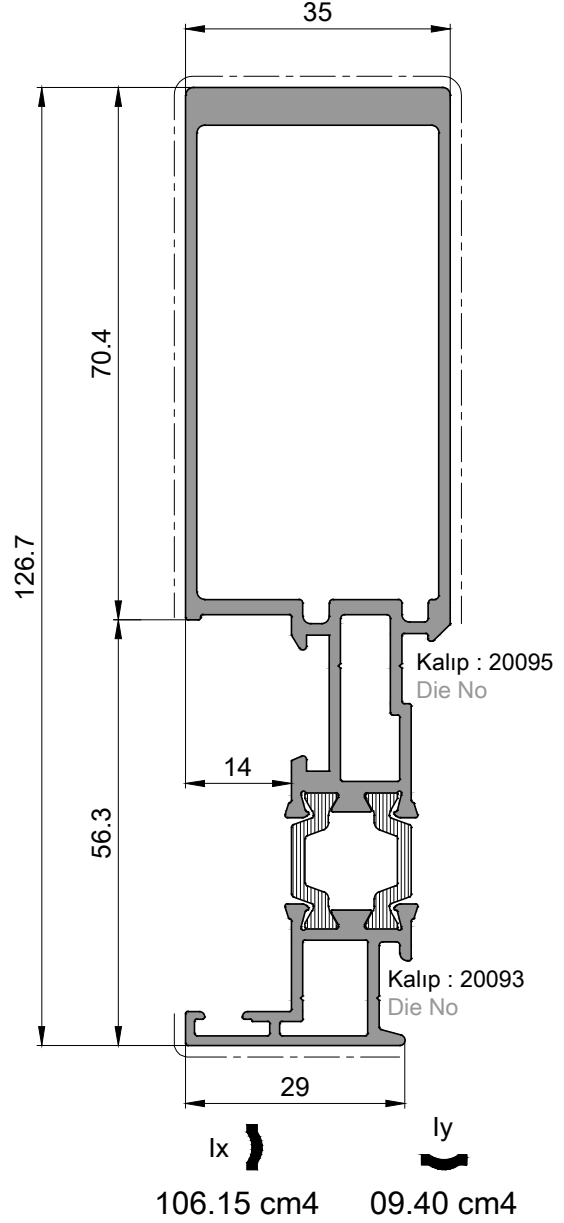
### P 3088

Orta Kayıt Profili / 1.100kg/mt  
Mullion profile



### P 3076

İnce Takviyeli Kanat Profili / 2.070kg/mt  
Slim Reinforcement Sash Profile

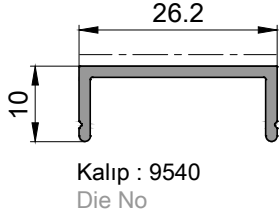


### P 3103

Kapatma Profili / 0.370kg/mt  
Closing Profile

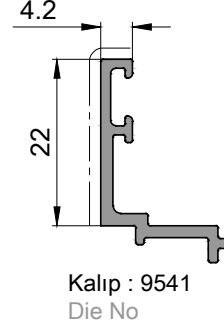
### P 3091

Kapatma Profili / 0.175kg/mt  
Closing Profile



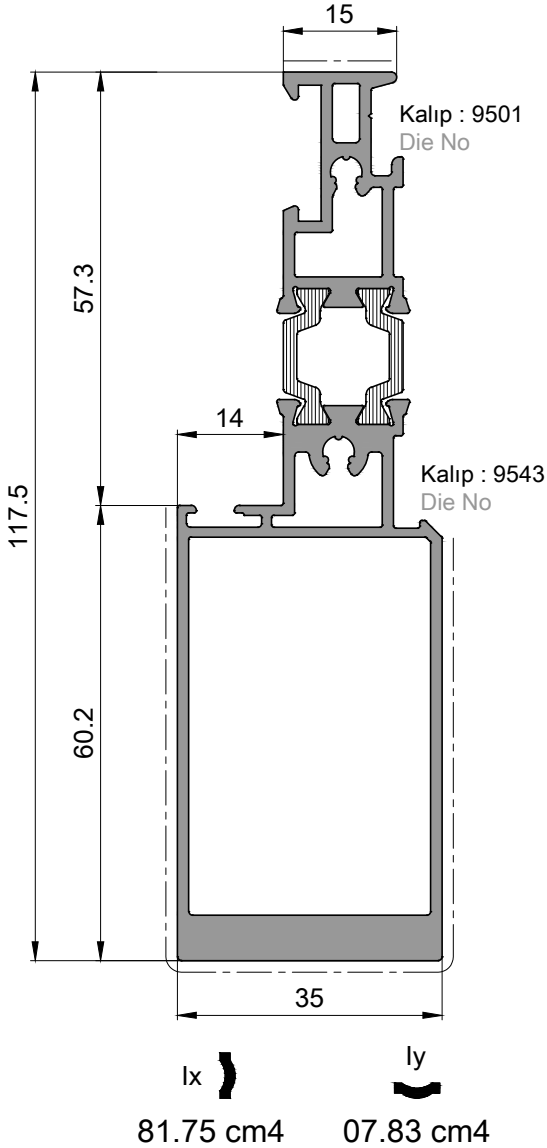
### P 3092

Çıta Profili / 0.205kg/mt  
Glazing Bead Profile



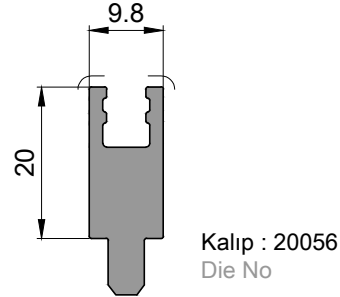
### P 3084

Dıştan Takviyeli Orta Kayıt Profili / 2.060kg/mt  
Exterior interlock mullion profile with reinforcement



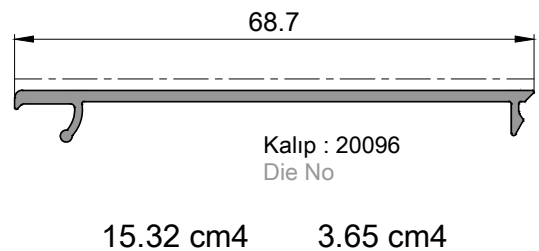
### P 3072

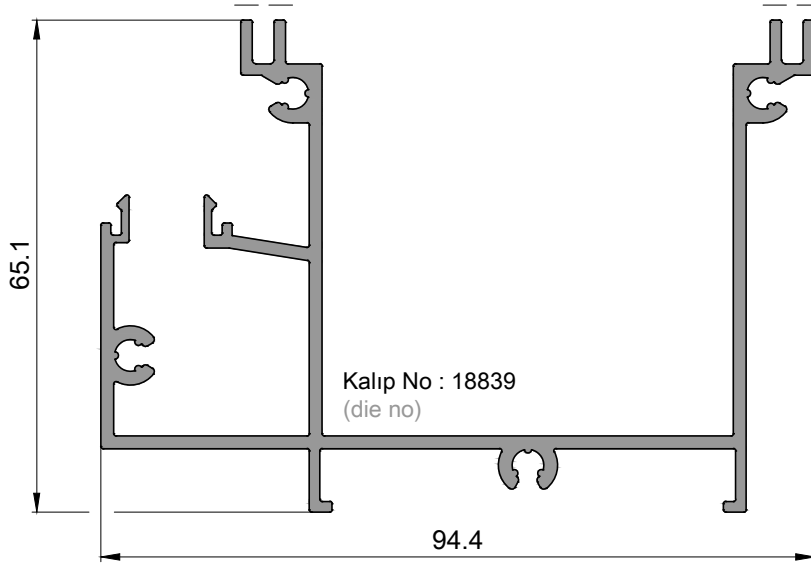
Ray Yükseltme Profili / 0.500kg/mt  
Elevation Rail Profile



### P 3077

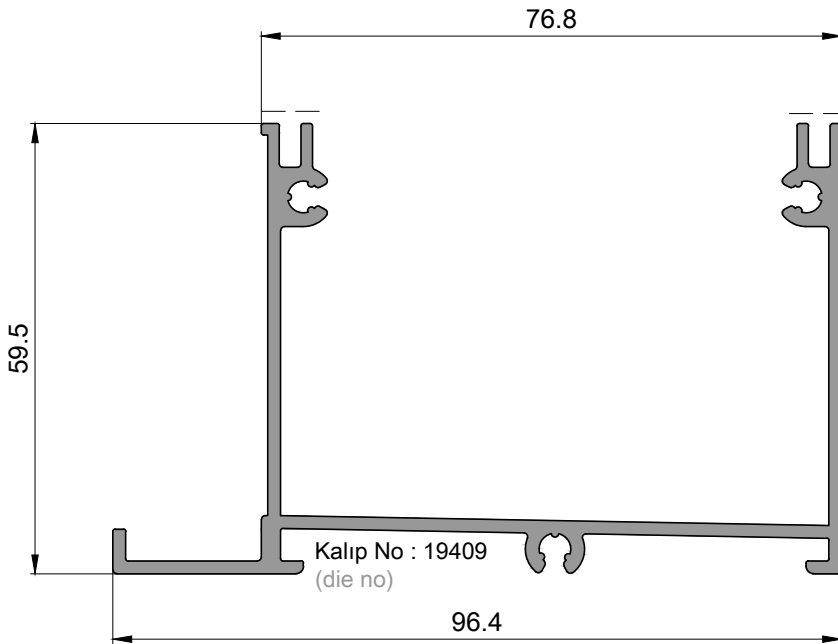
Kapatma Profili / 0.315kg/mt  
Closing Profile





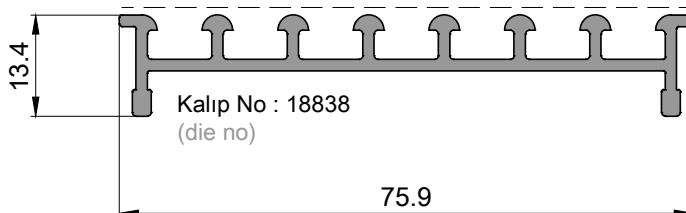
**P 2328**

Su Kanalı Profili / 1,530kg/mt  
Water channel Profile



**P 2467**

Su Kanalı Profili / 1,295kg/mt  
Water channel Profile

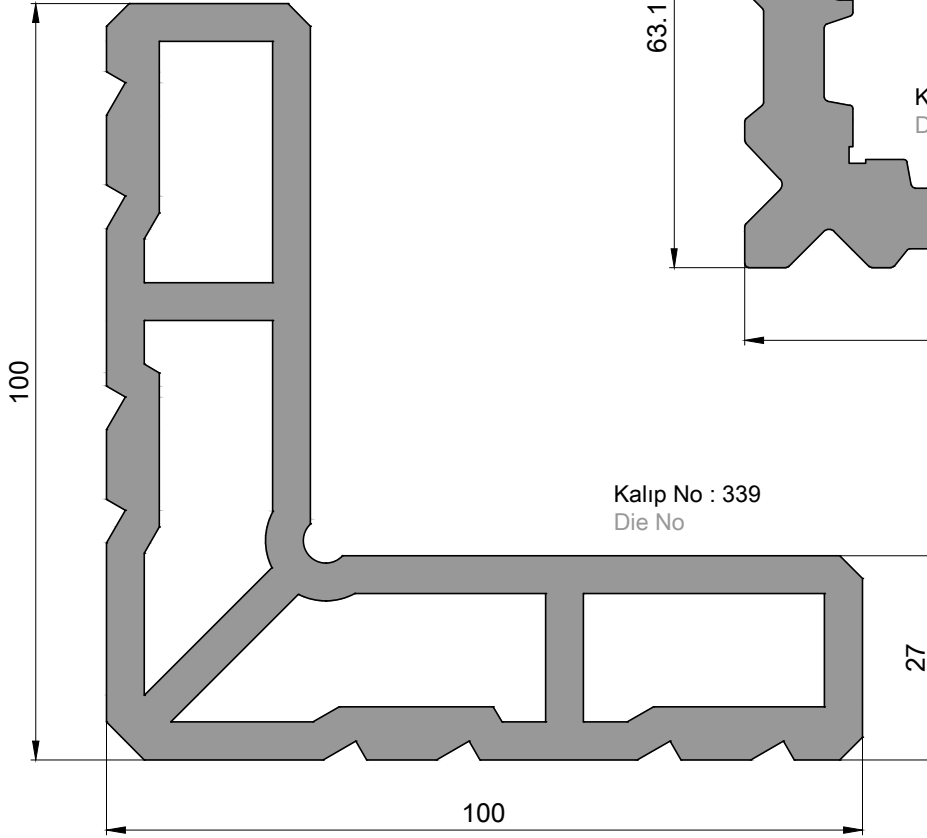


**P 2327**

Üst Izgara Profili / 0,635kg/mt  
Top grille profile

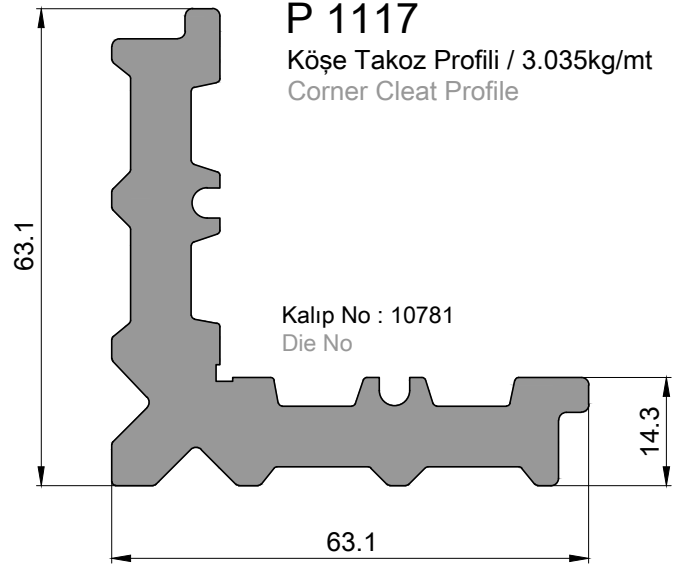
### P 1070

Köşe Takoz Profili / 6.220kg/mt  
Corner Cleat Profile



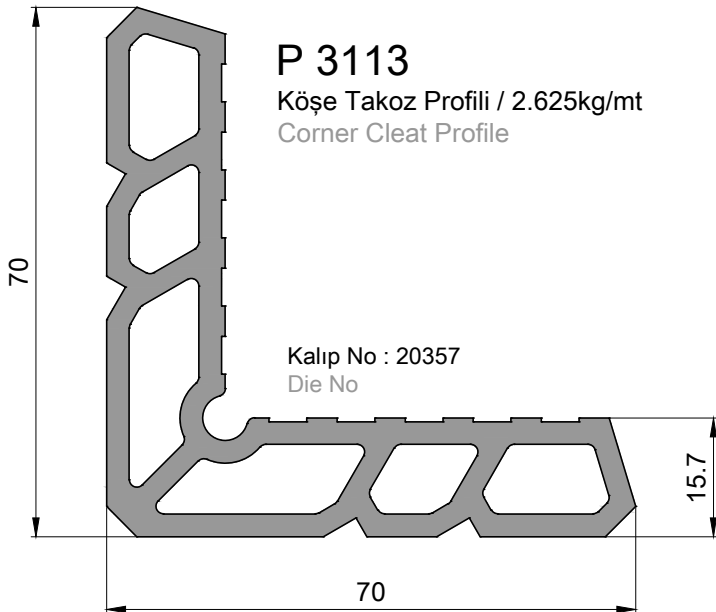
### P 1117

Köşe Takoz Profili / 3.035kg/mt  
Corner Cleat Profile



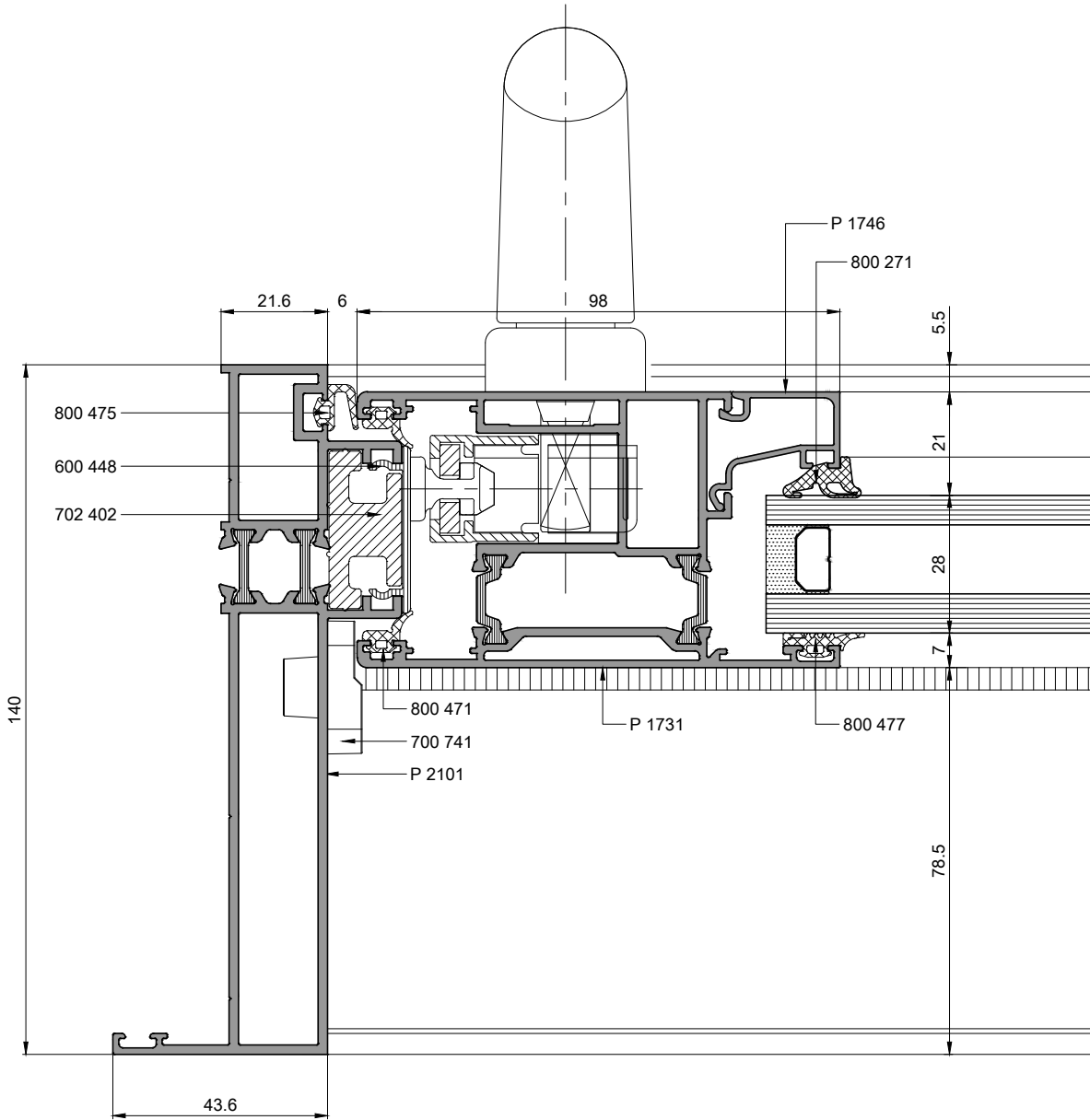
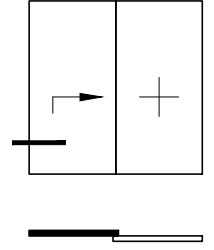
### P 3113

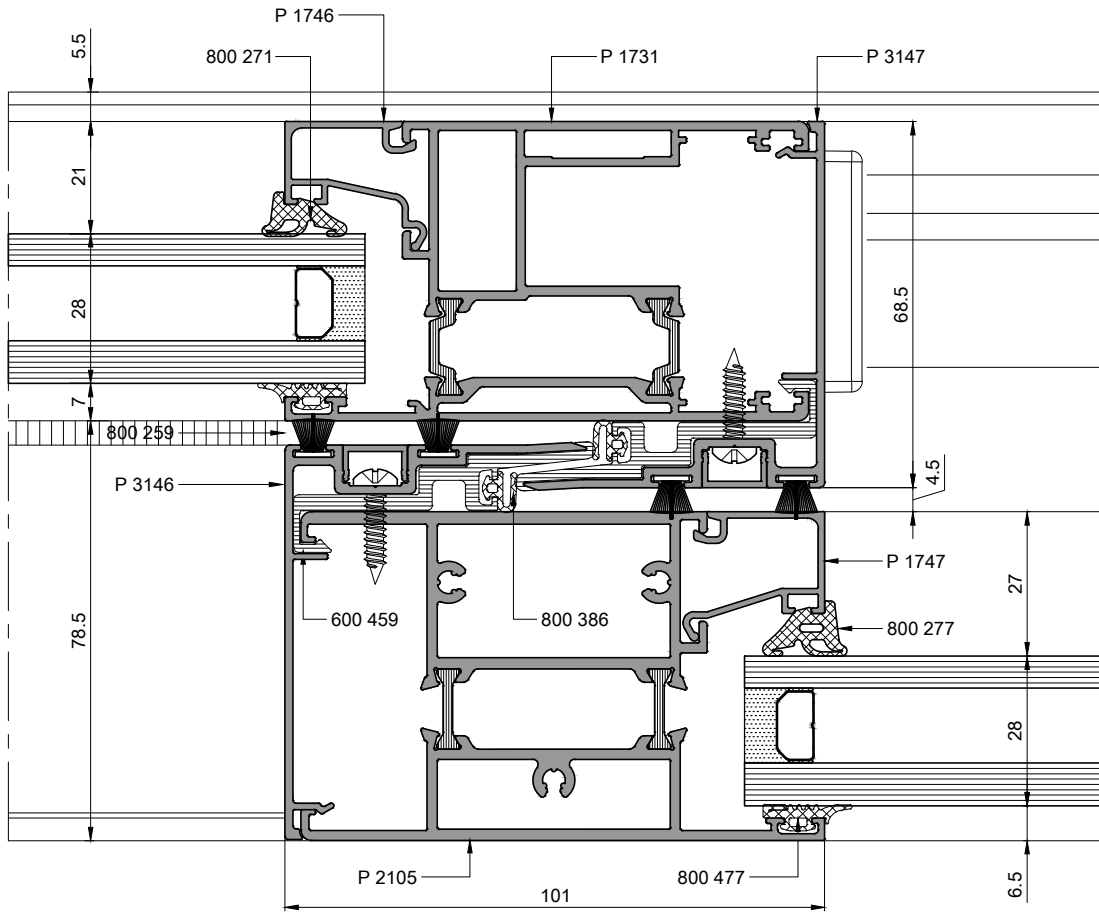
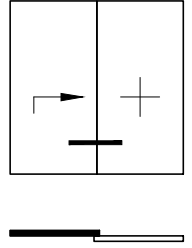
Köşe Takoz Profili / 2.625kg/mt  
Corner Cleat Profile

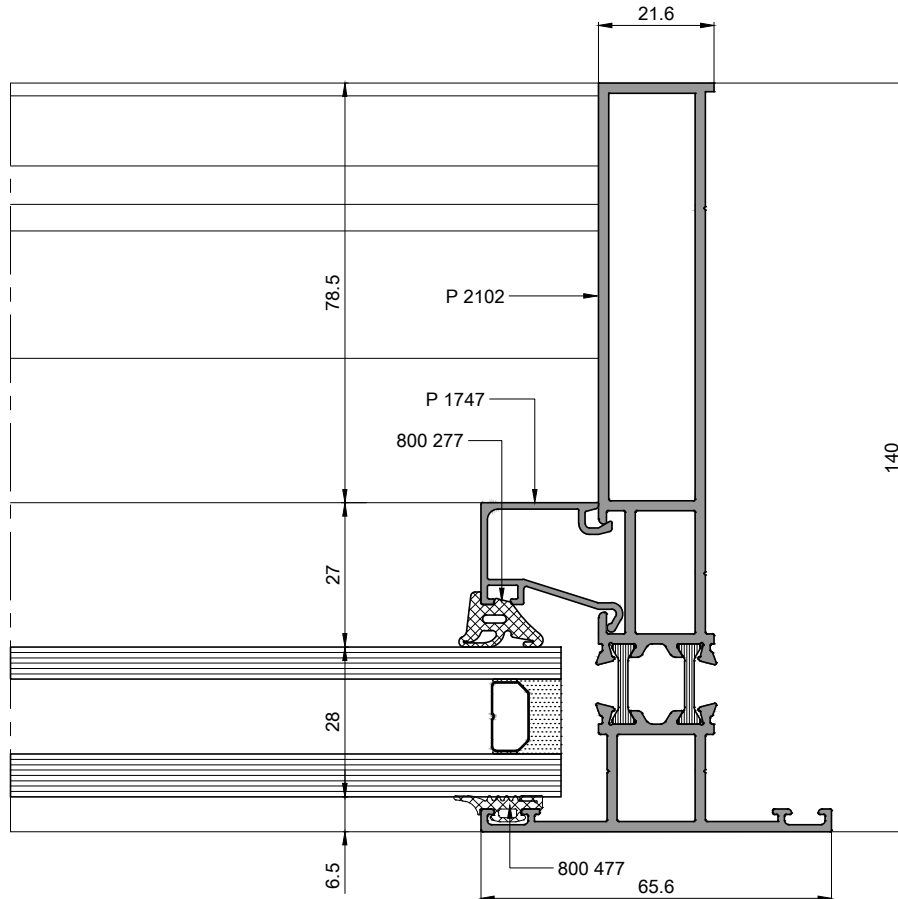
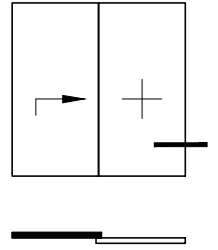


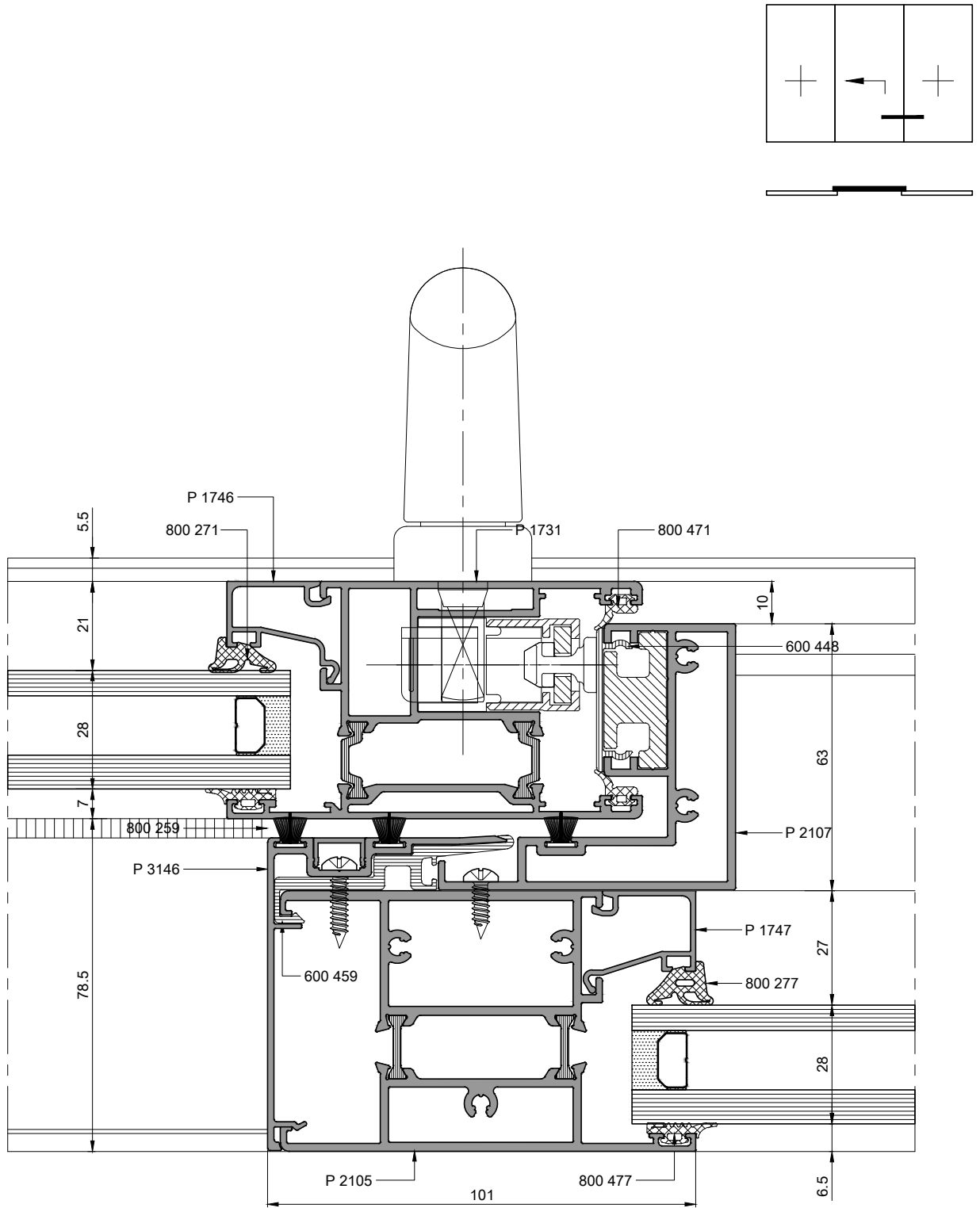
**UNIQUEslideMS**  
KALDIR ve SÜR KAPI SİSTEMİ  
LIFT&SLIDE DOOR SYSTEM

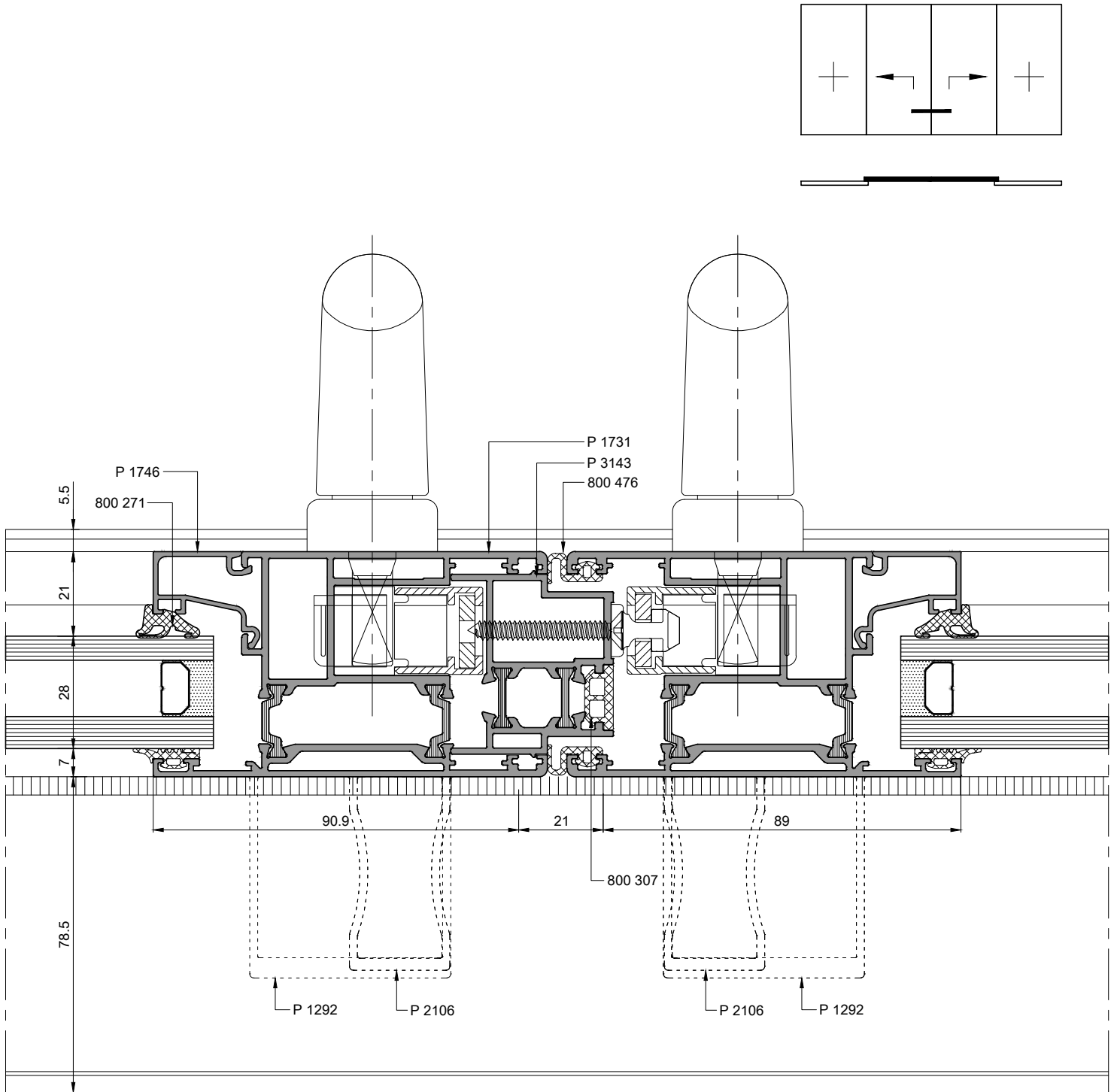
TEK RAYLI KASA İLE  
PRENSİP SİSTEM DETAYLARI  
PRINCIPAL SECTIONS for  
SINGLE TRACK PROFILE

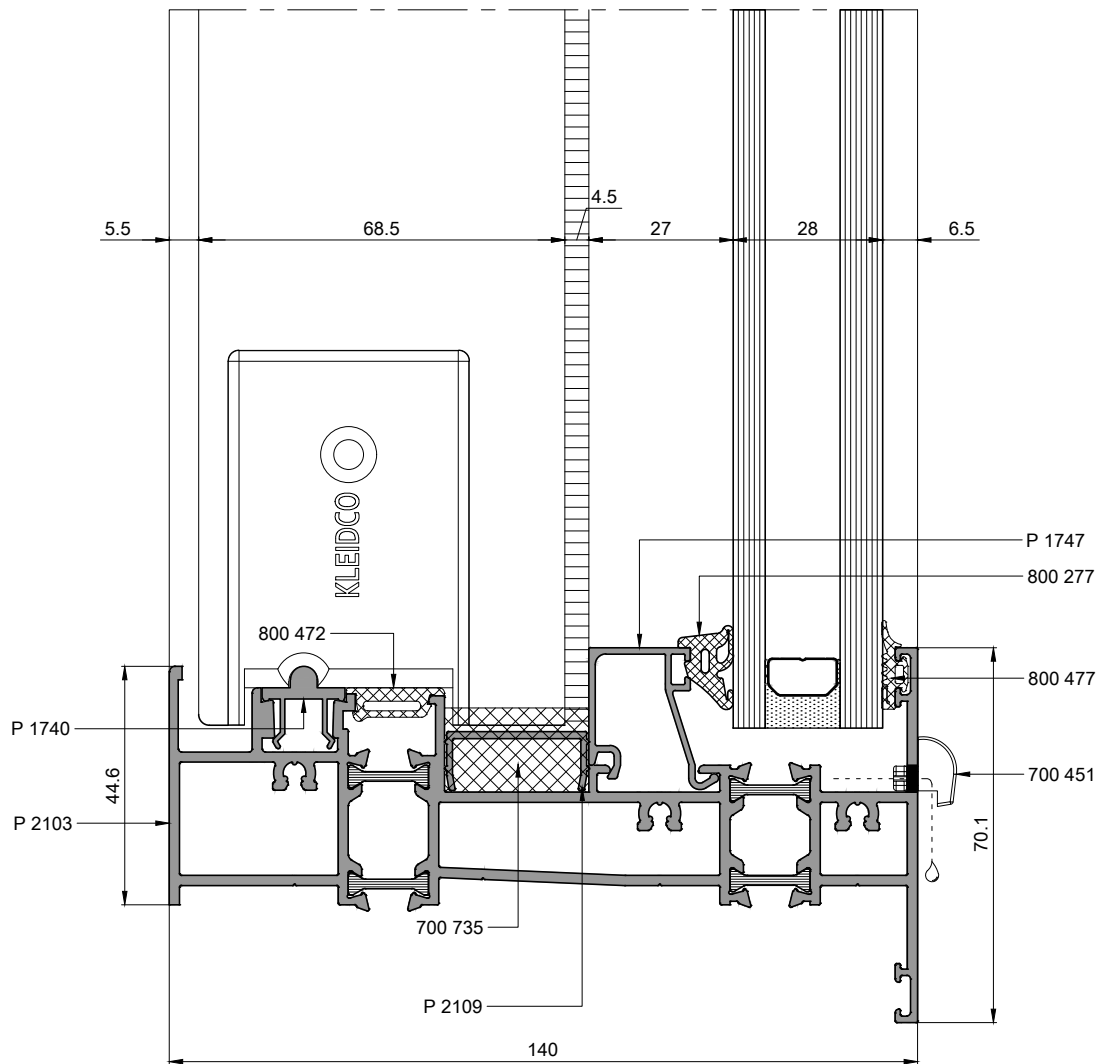
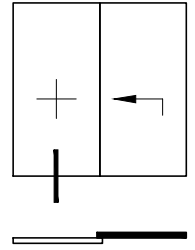


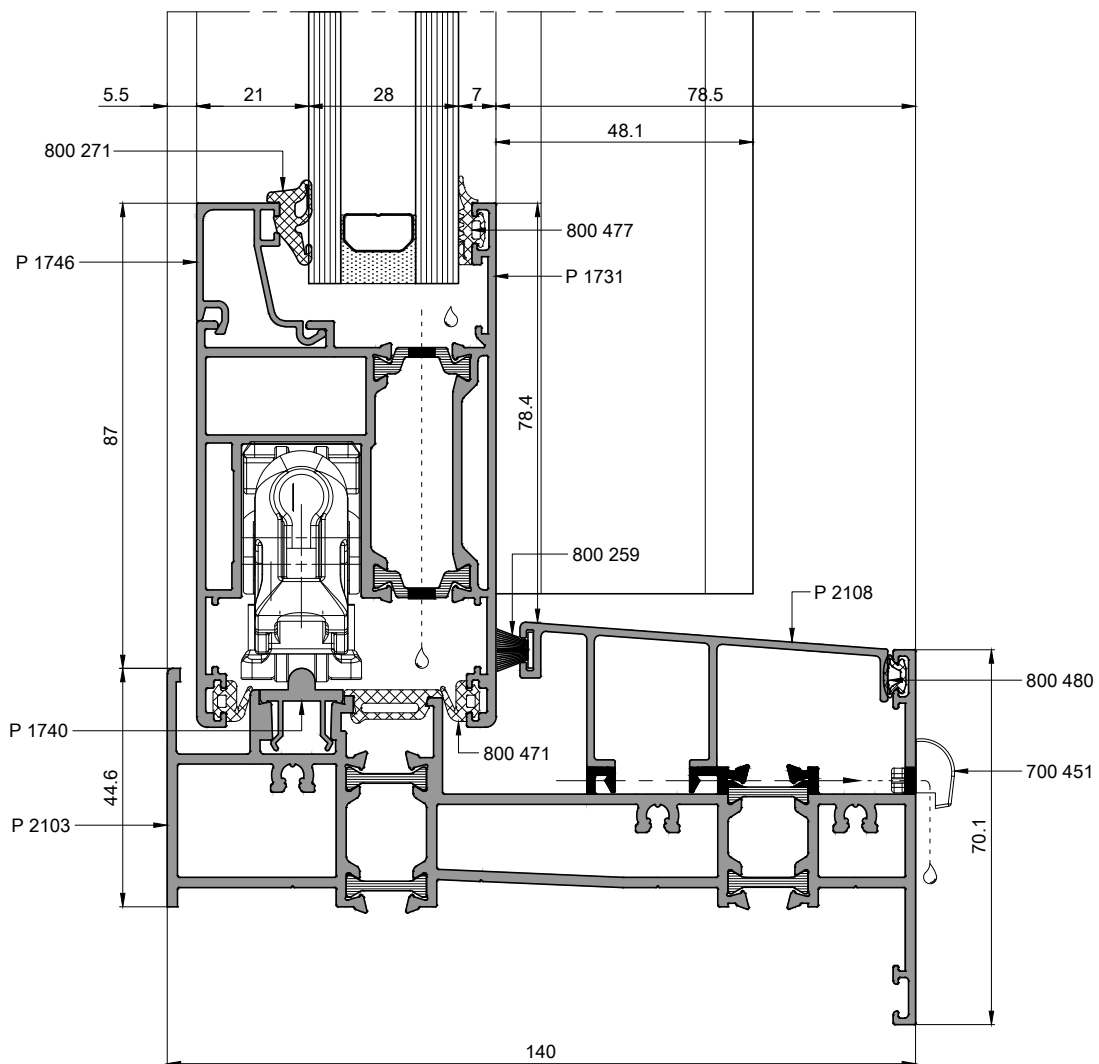
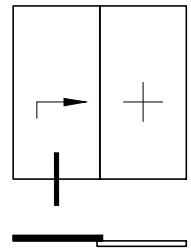


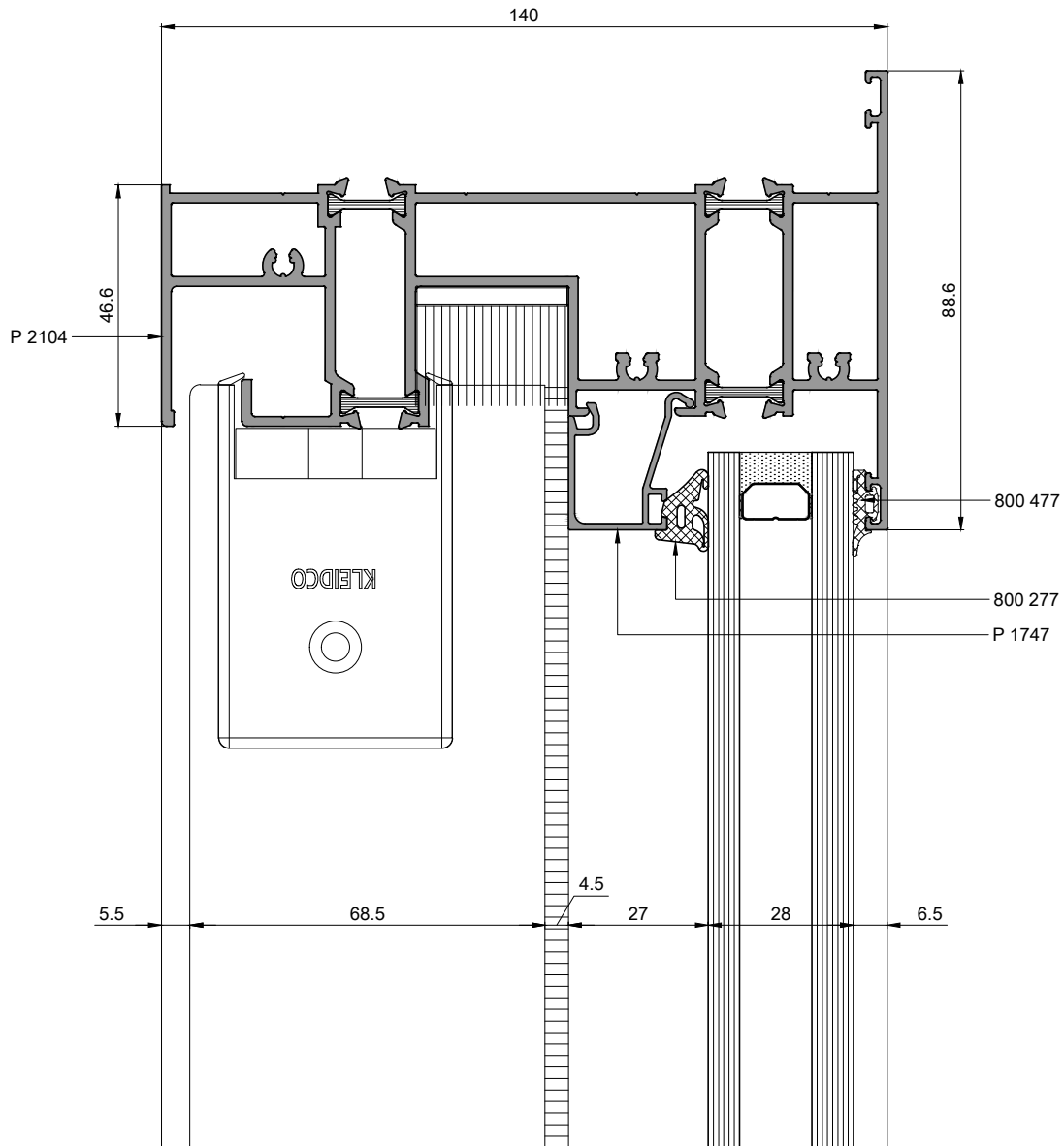
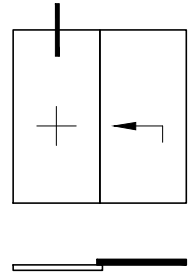


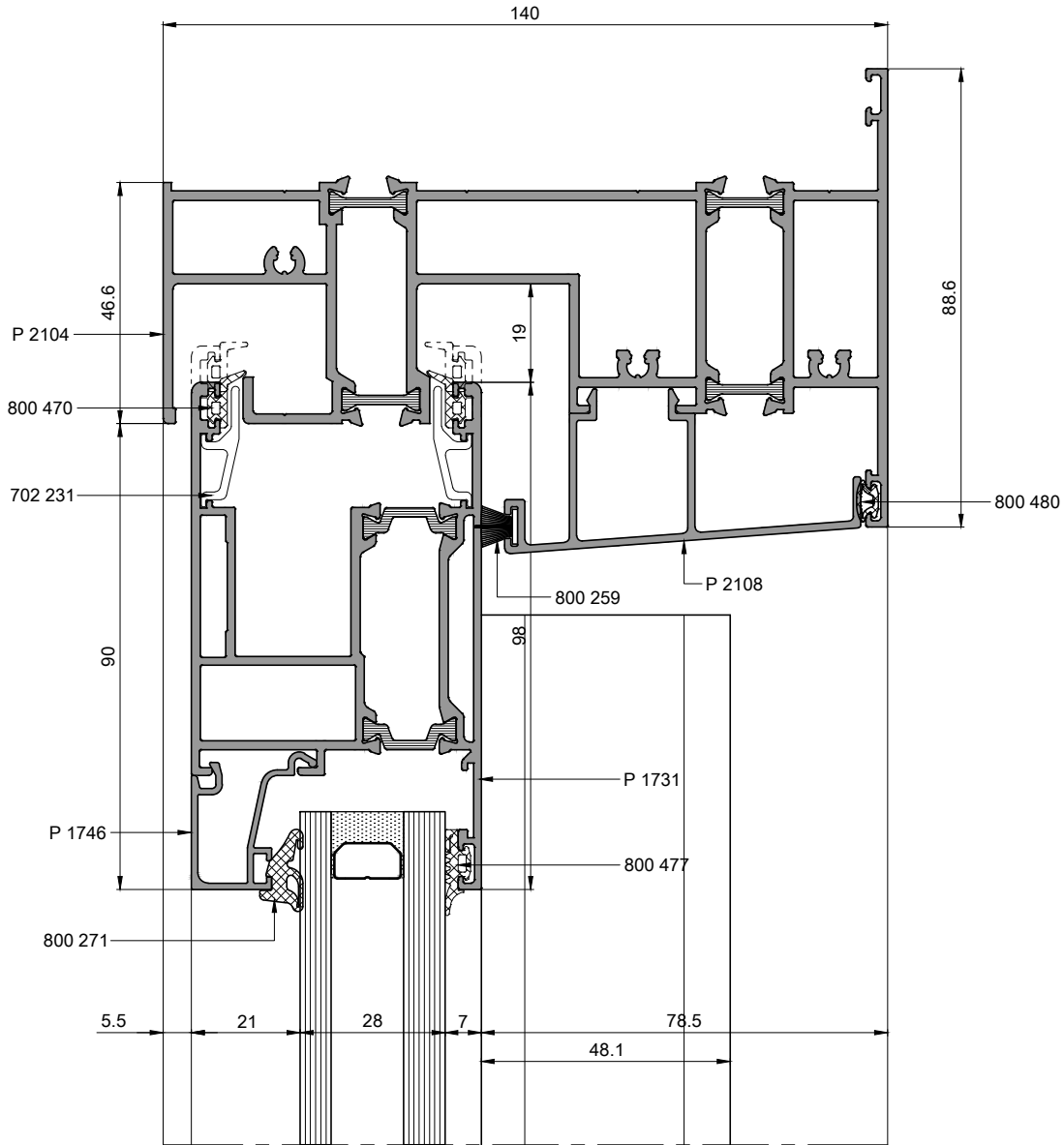
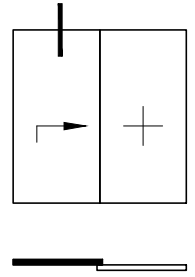


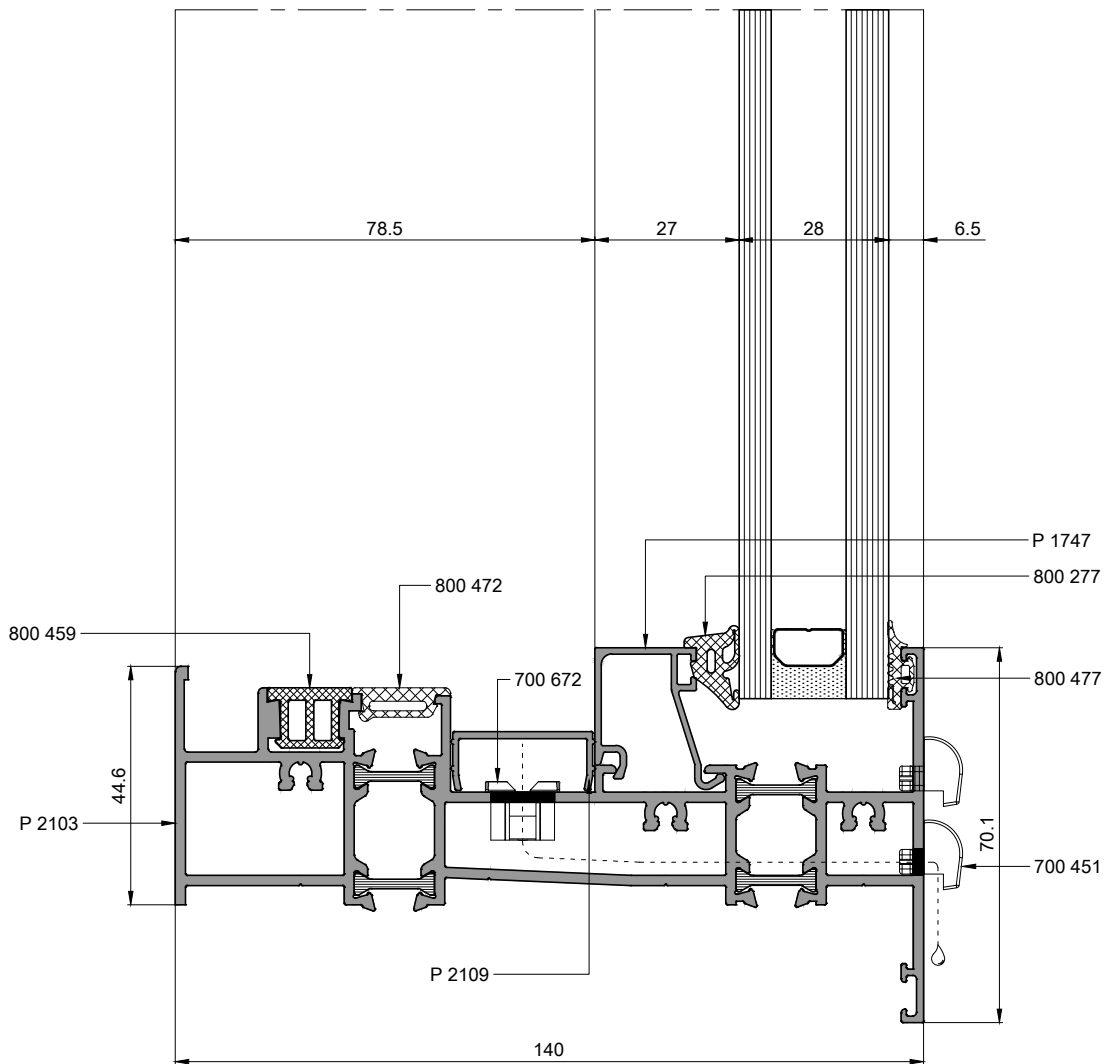
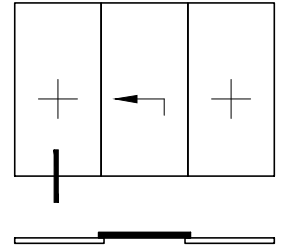


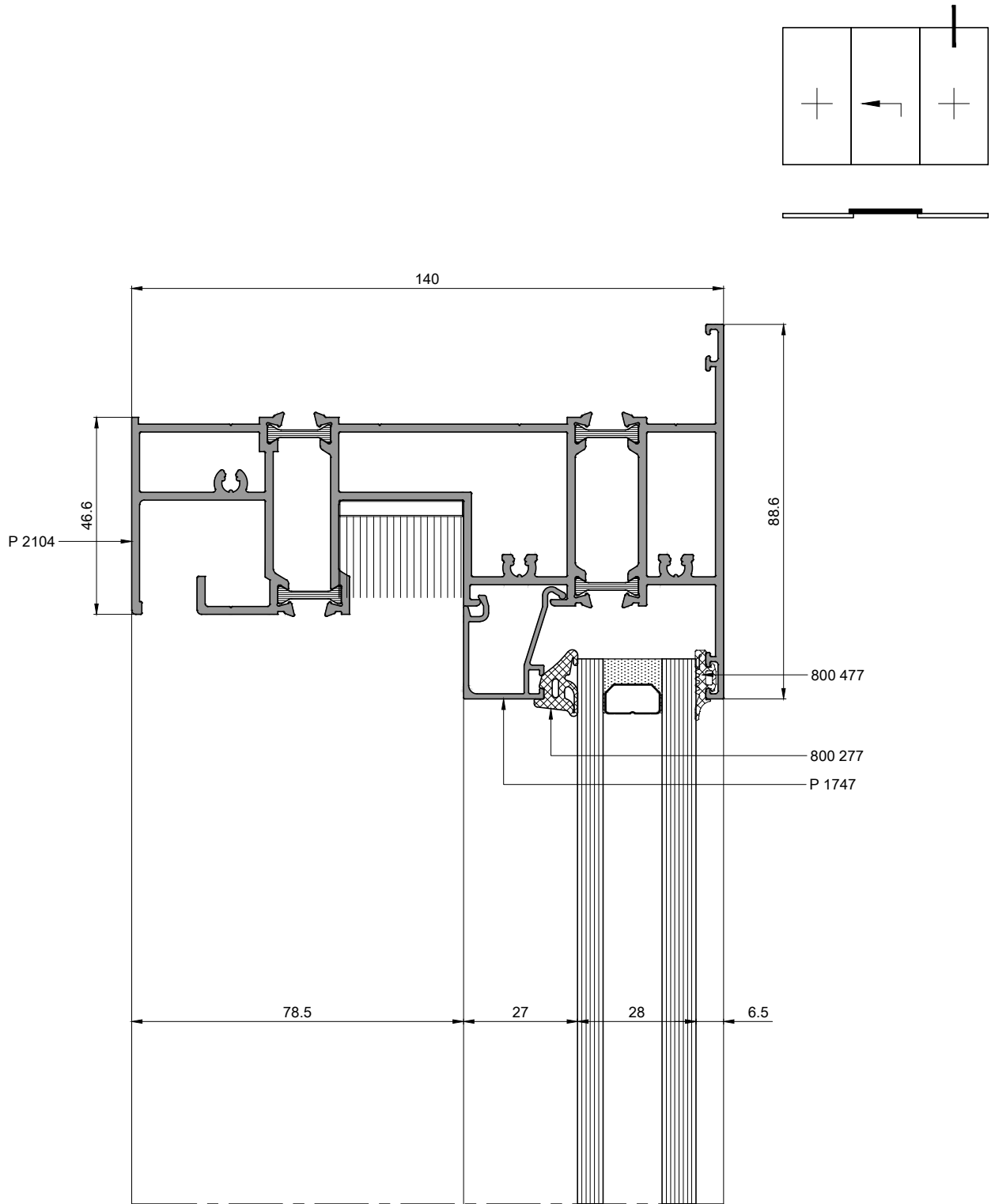


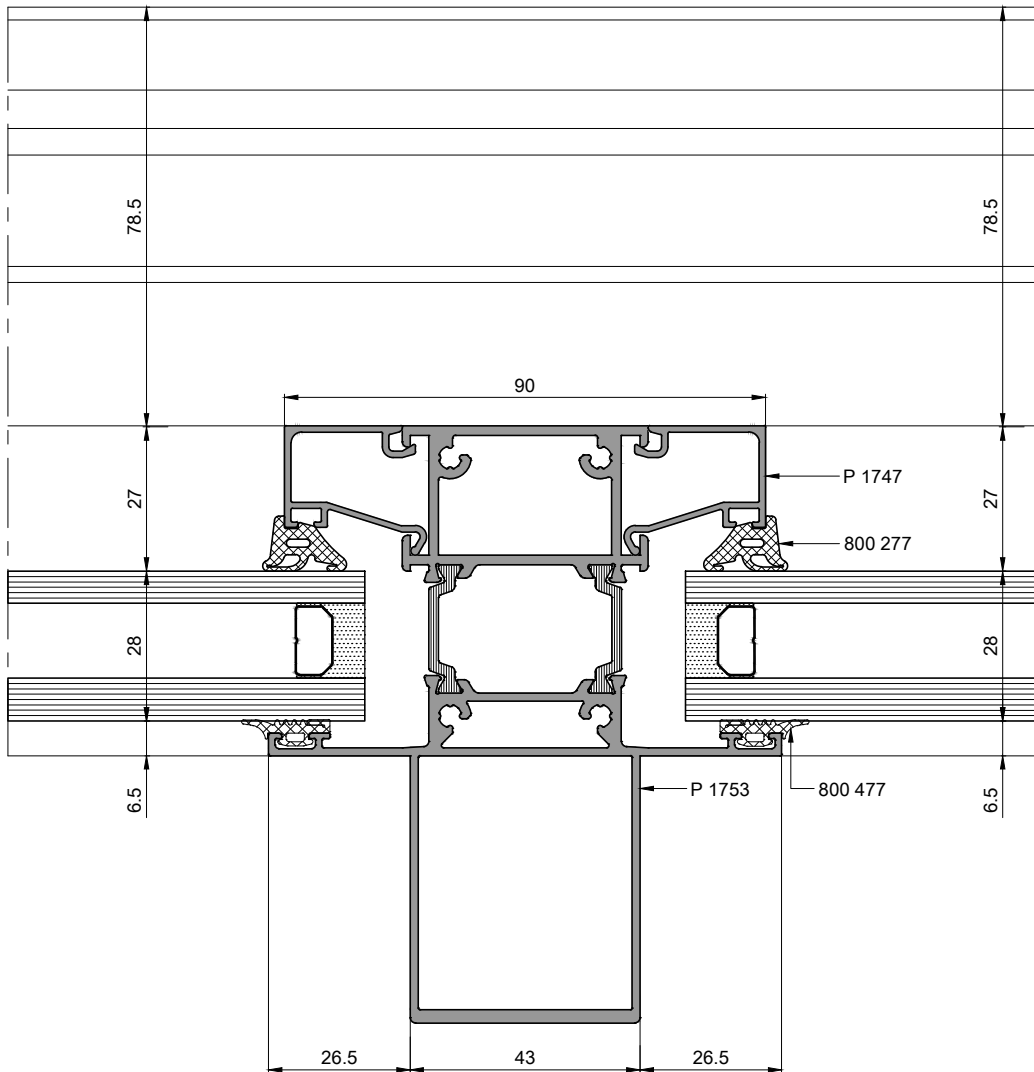
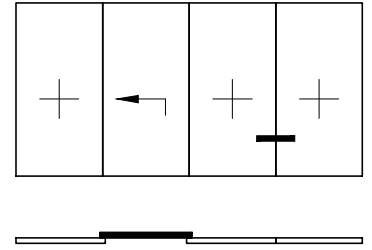


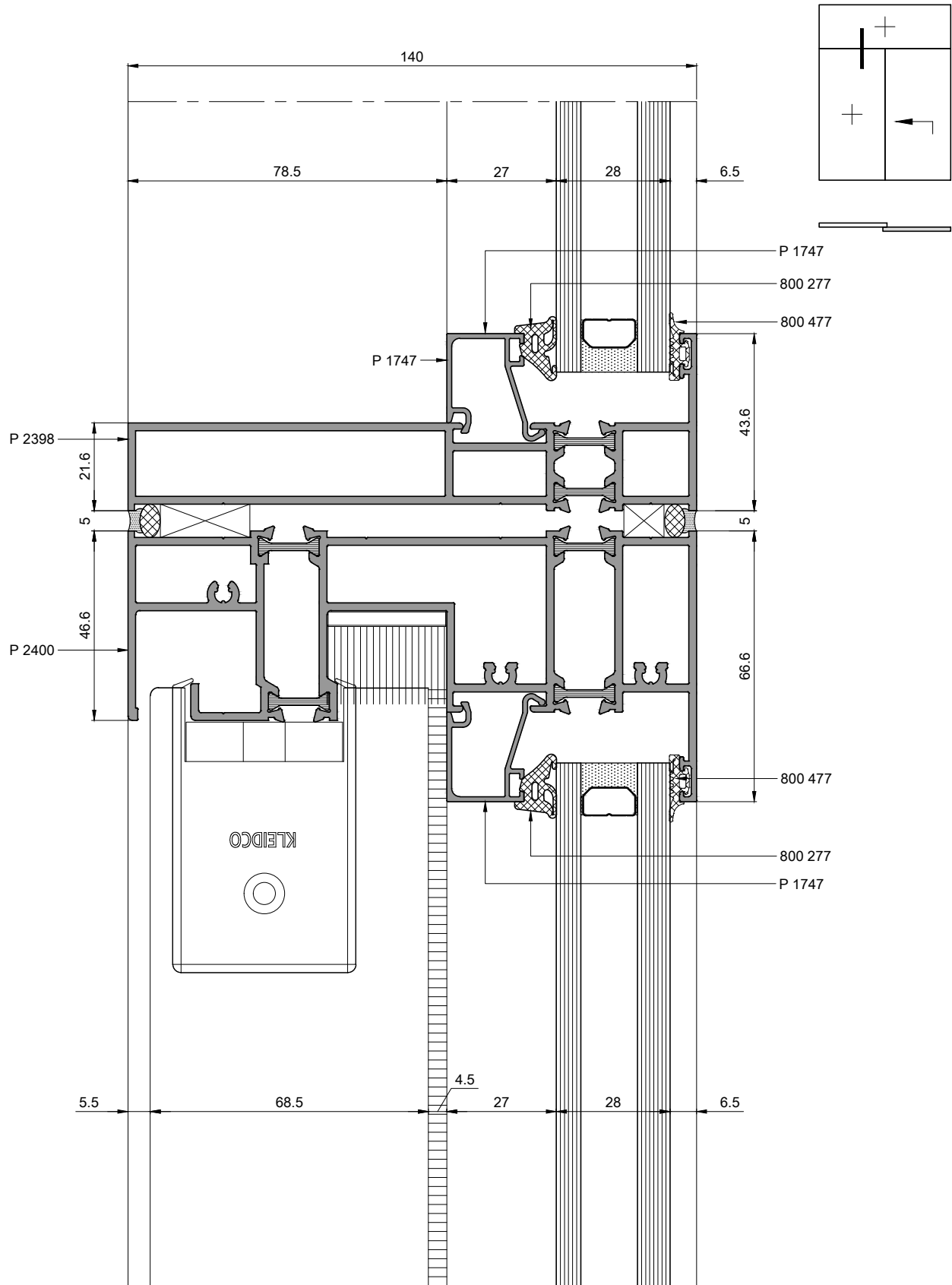


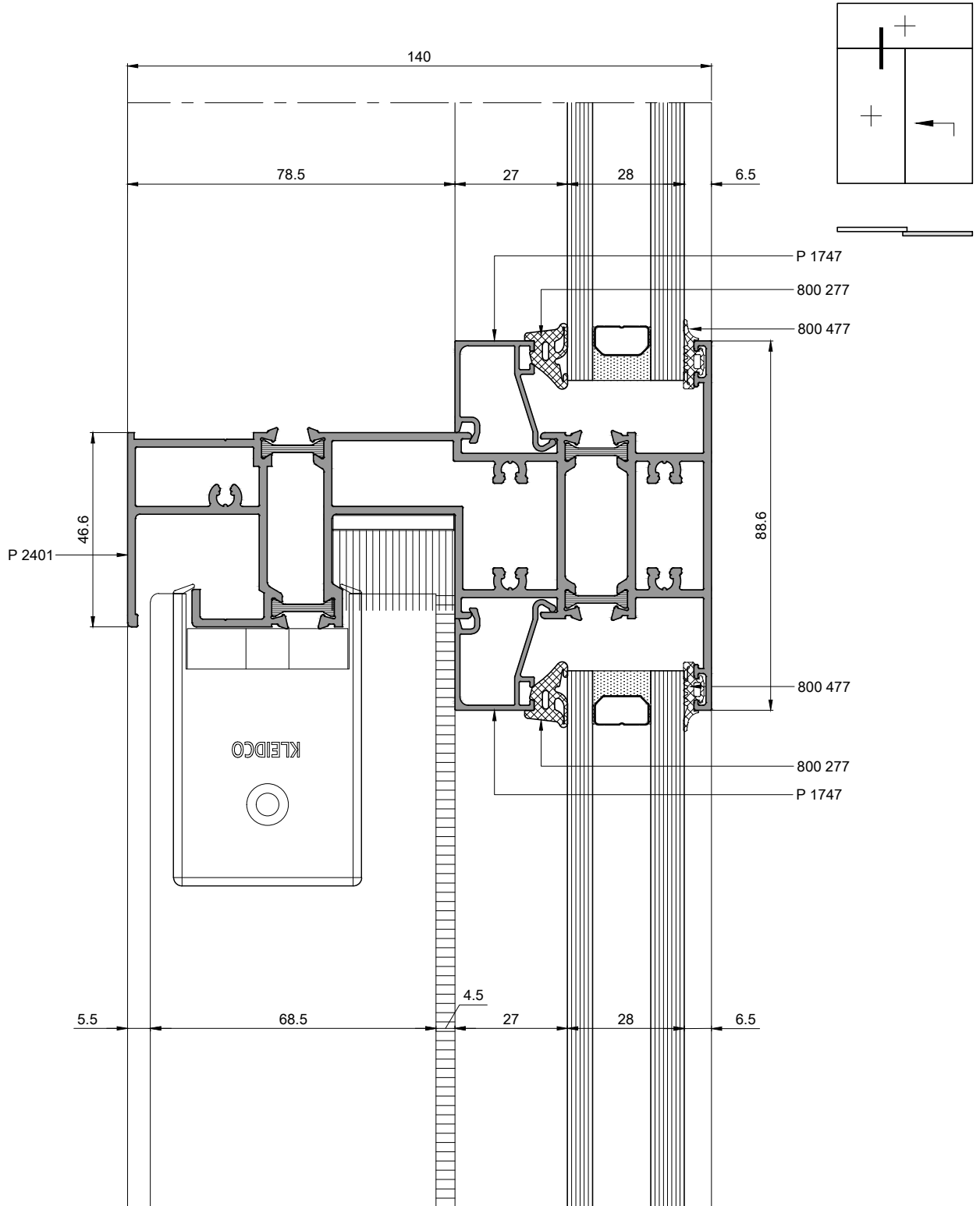


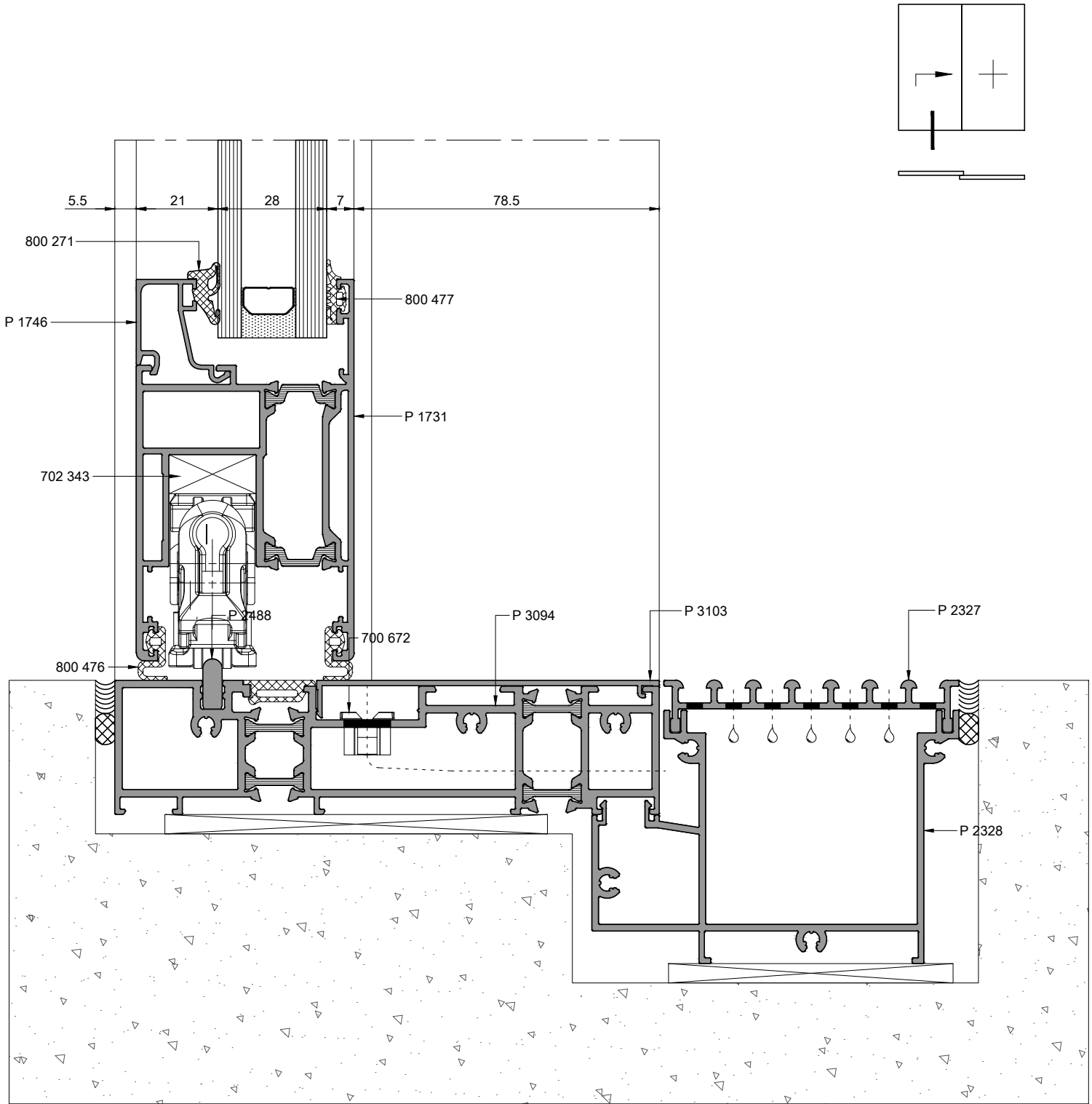


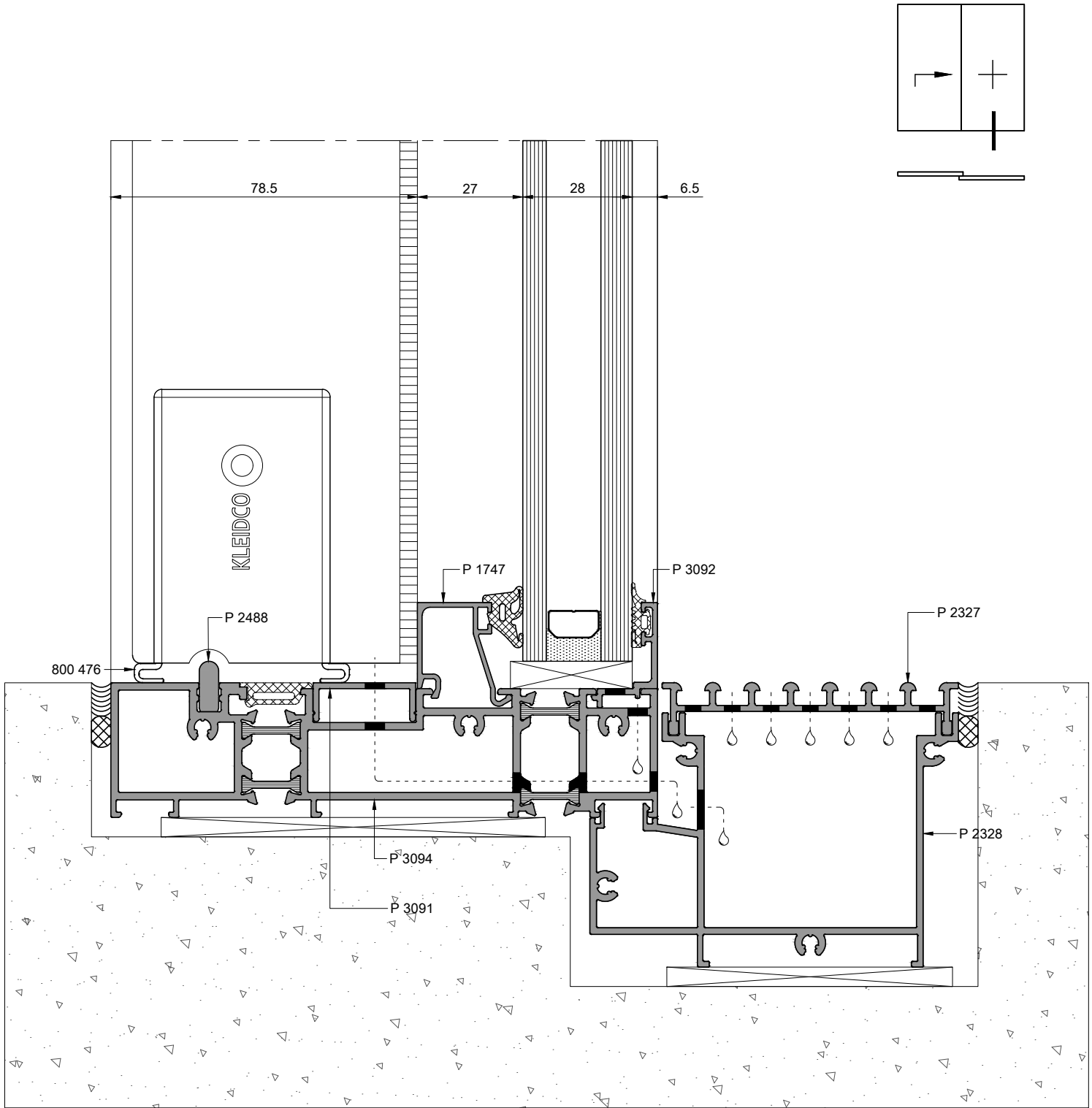


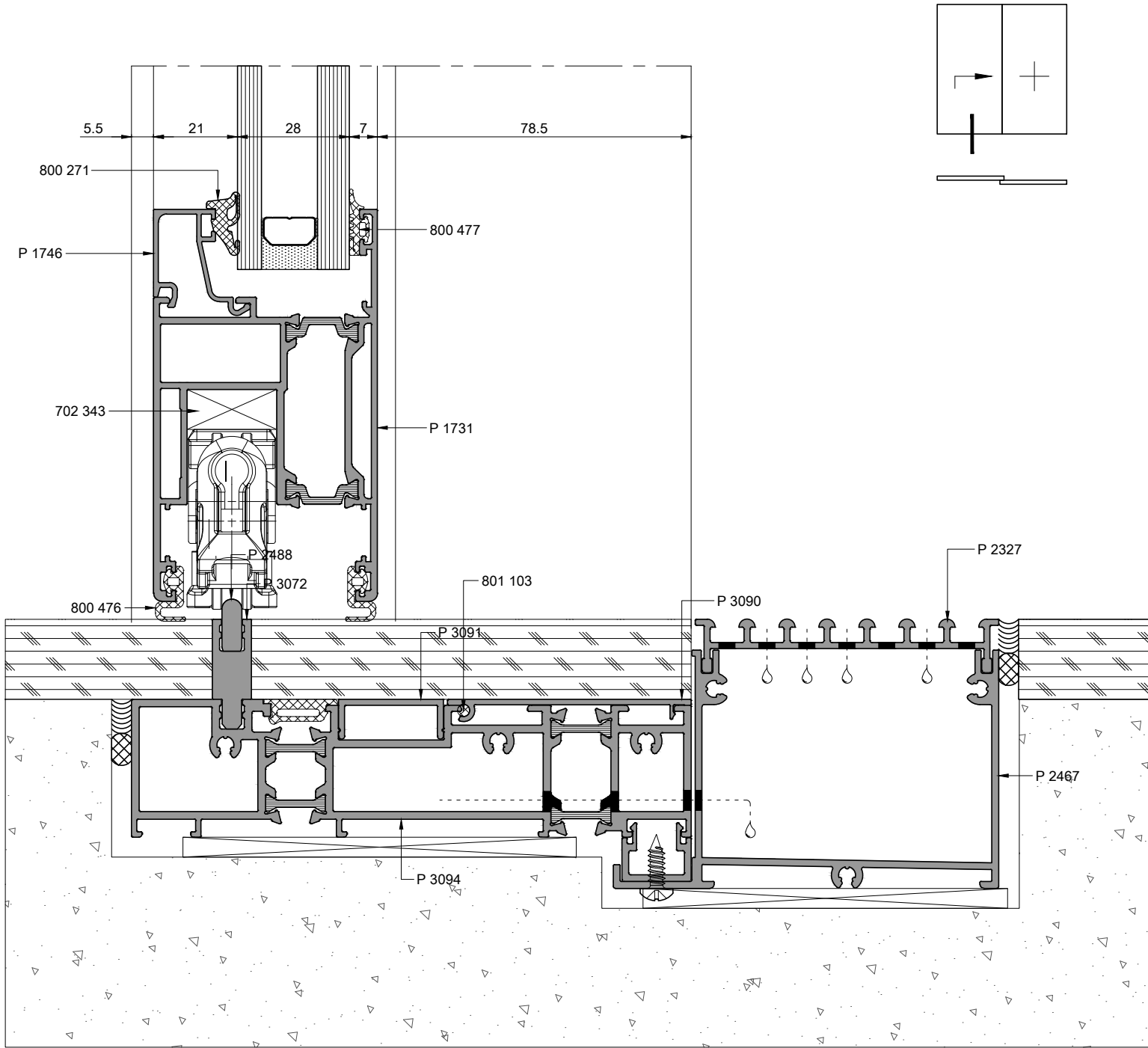


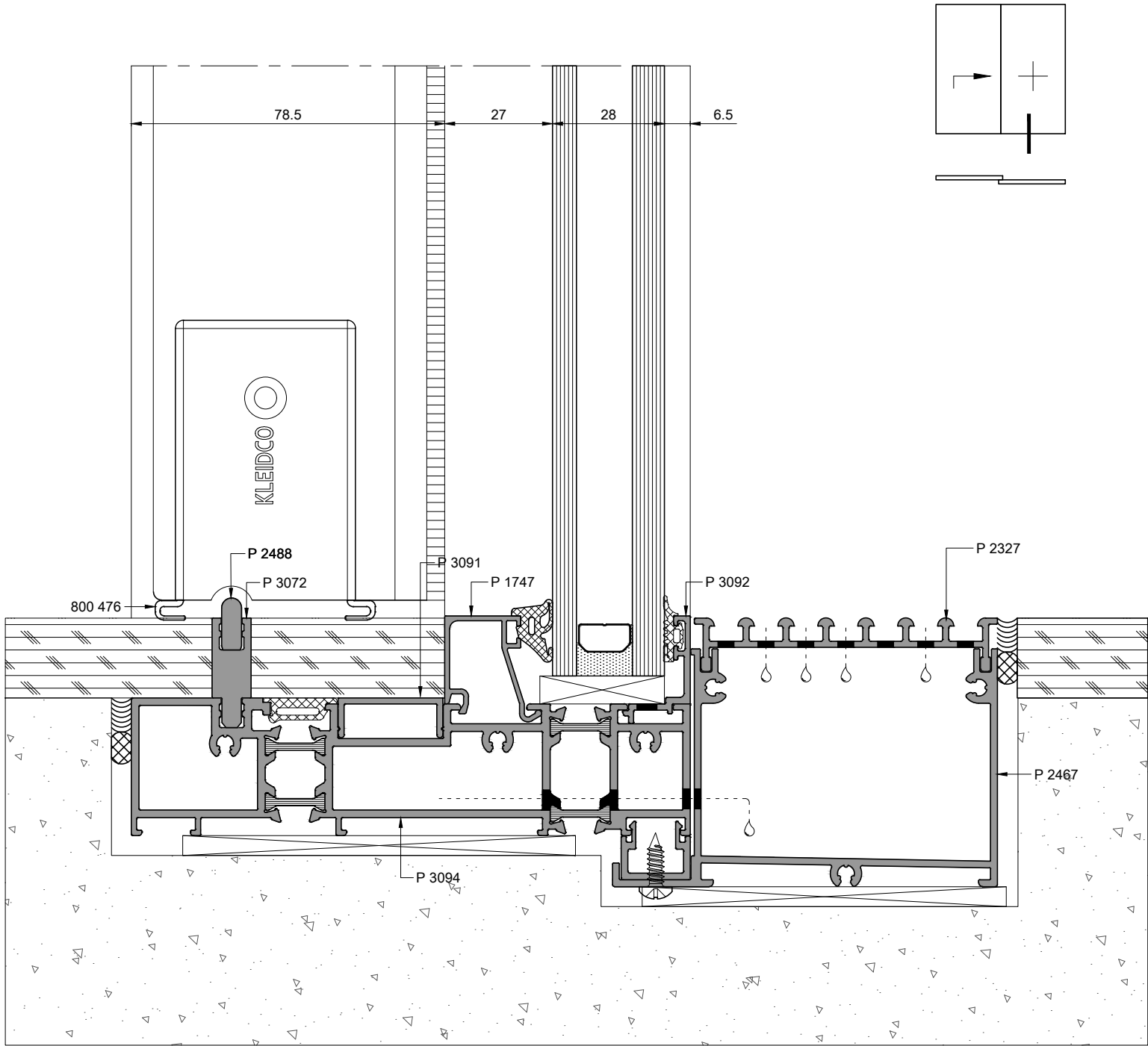


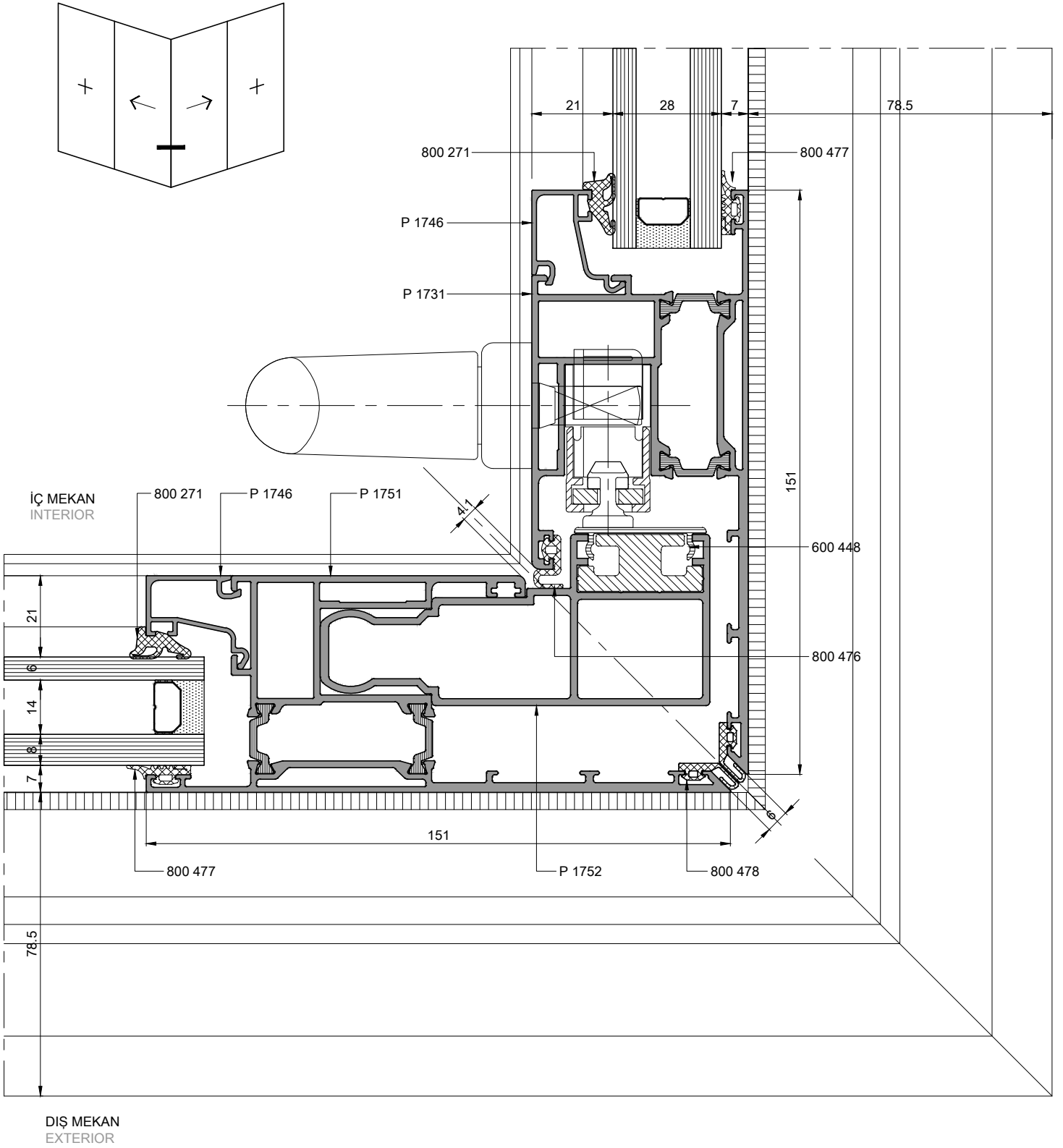






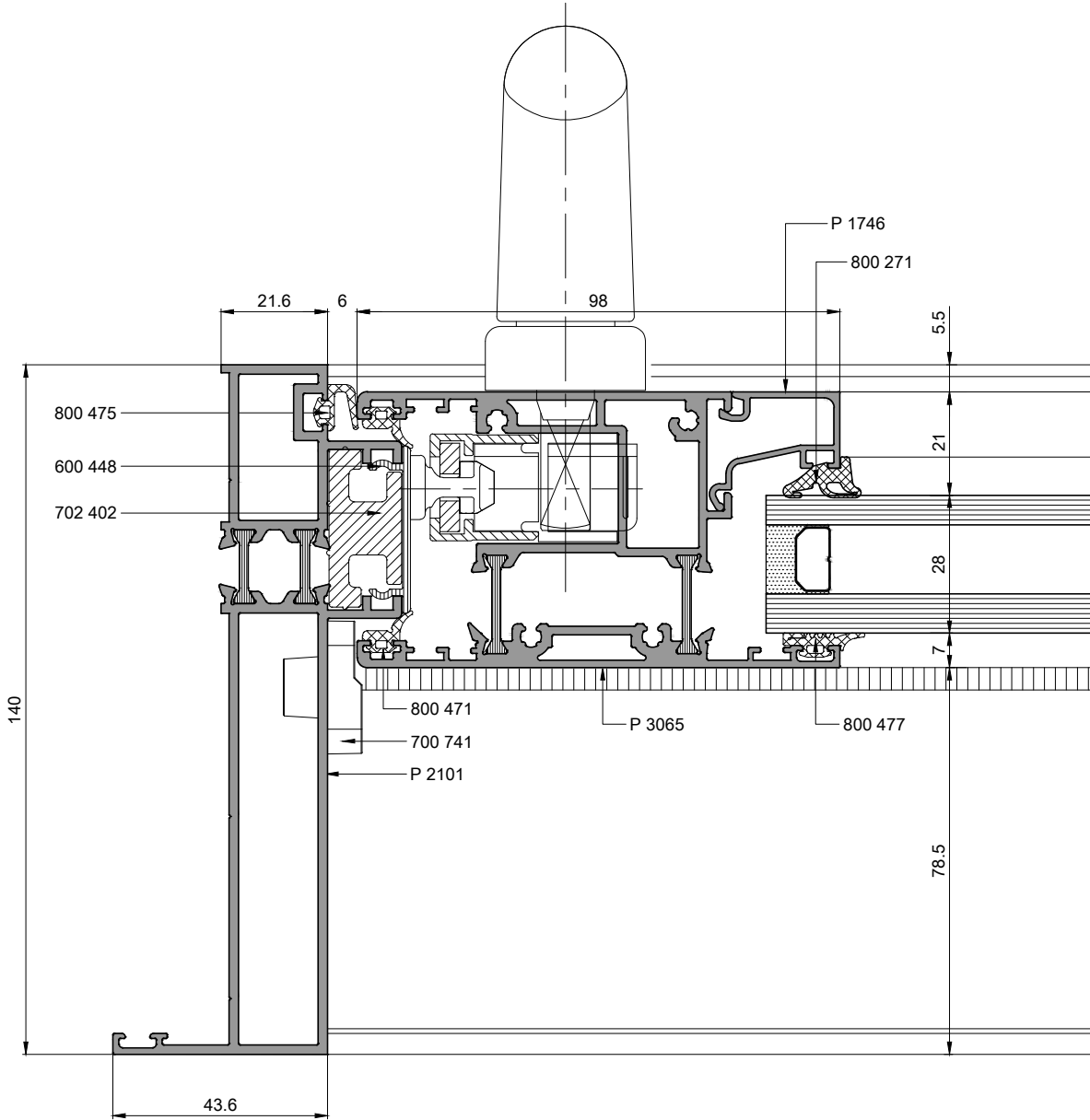
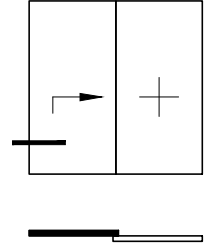


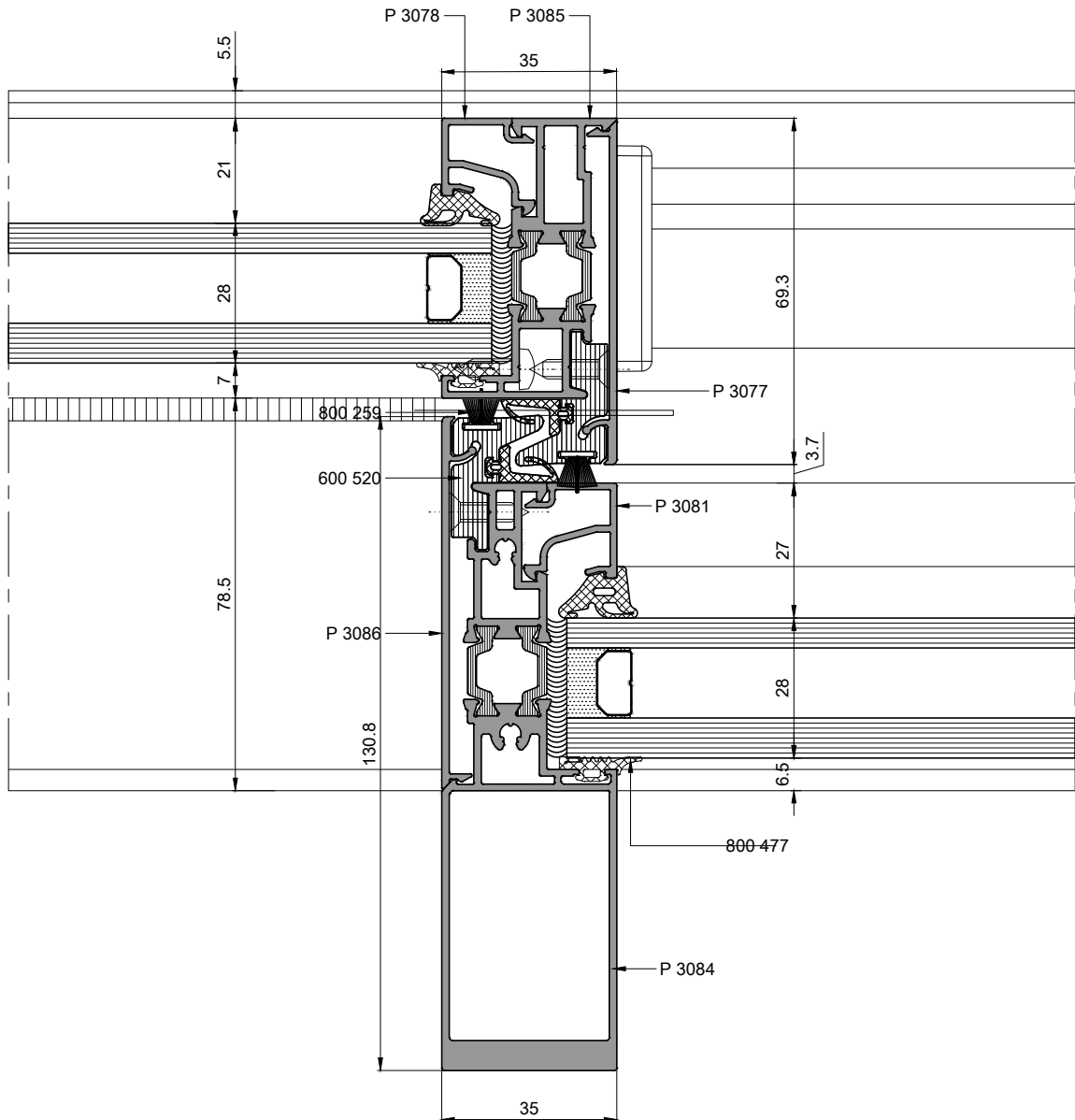
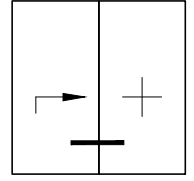


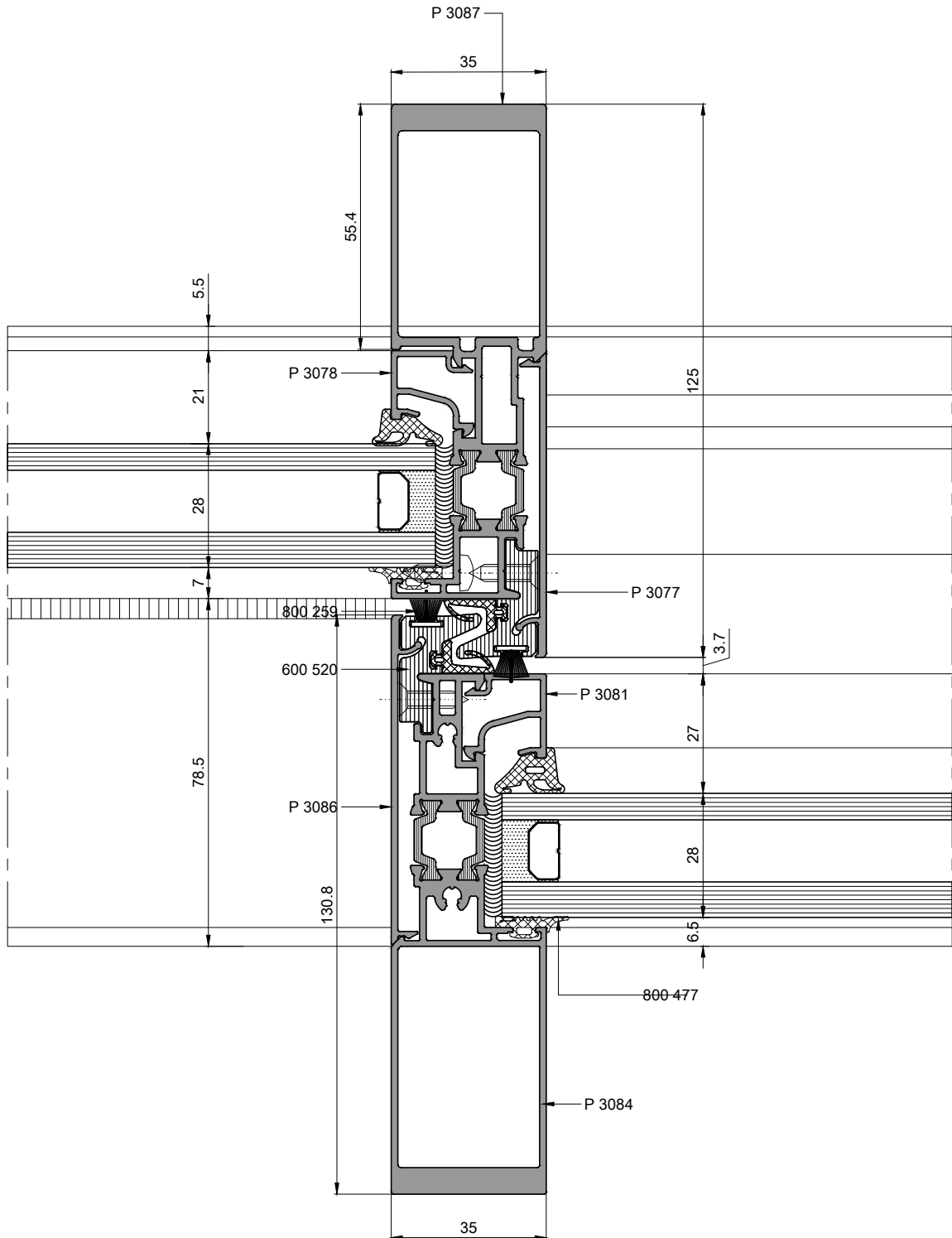
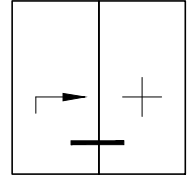


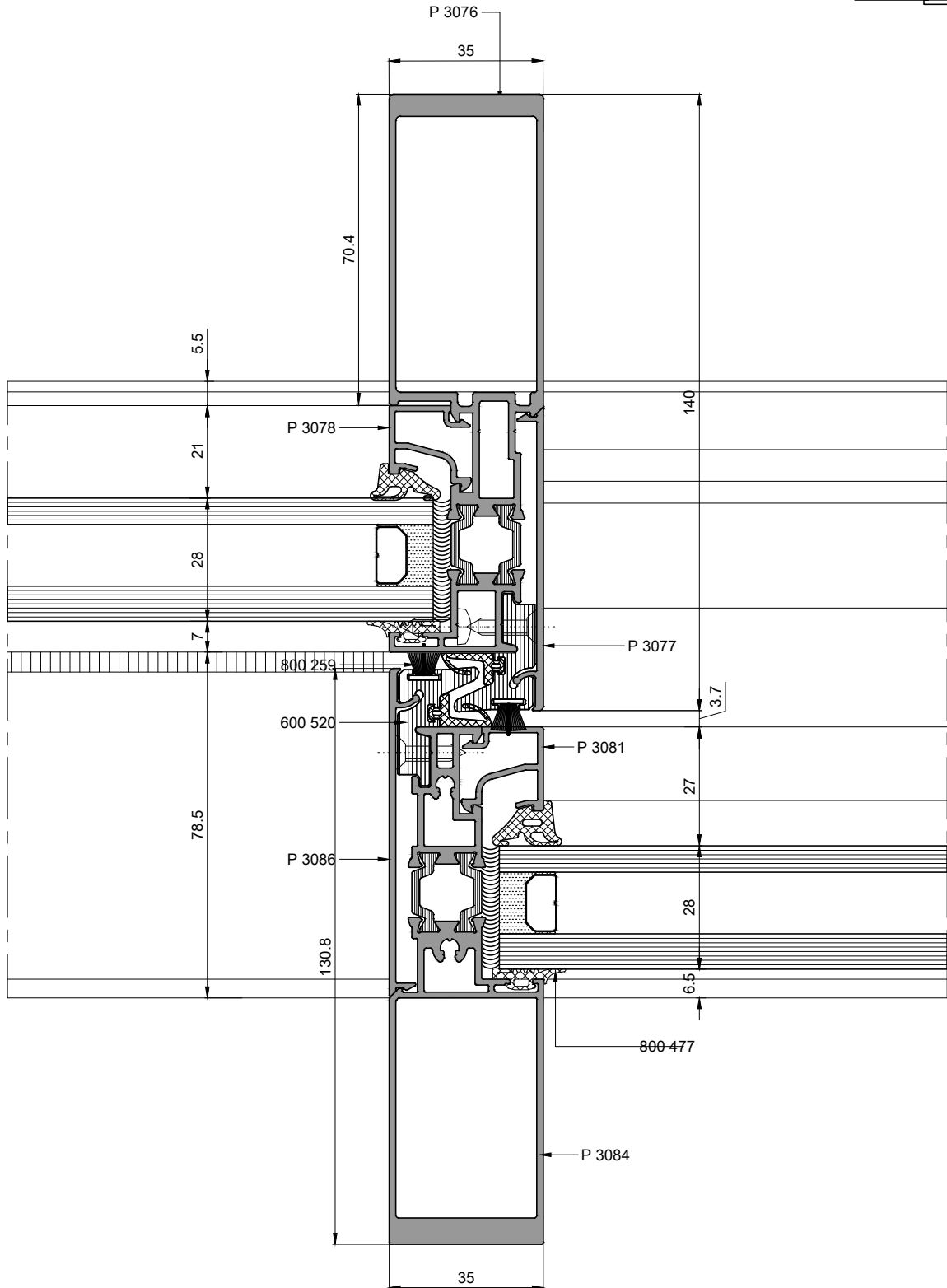
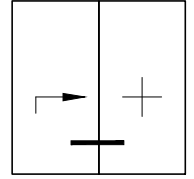
**UNIQUEslideMS**  
KALDIR ve SÜR KAPI SİSTEMİ  
LIFT&SLIDE DOOR SYSTEM

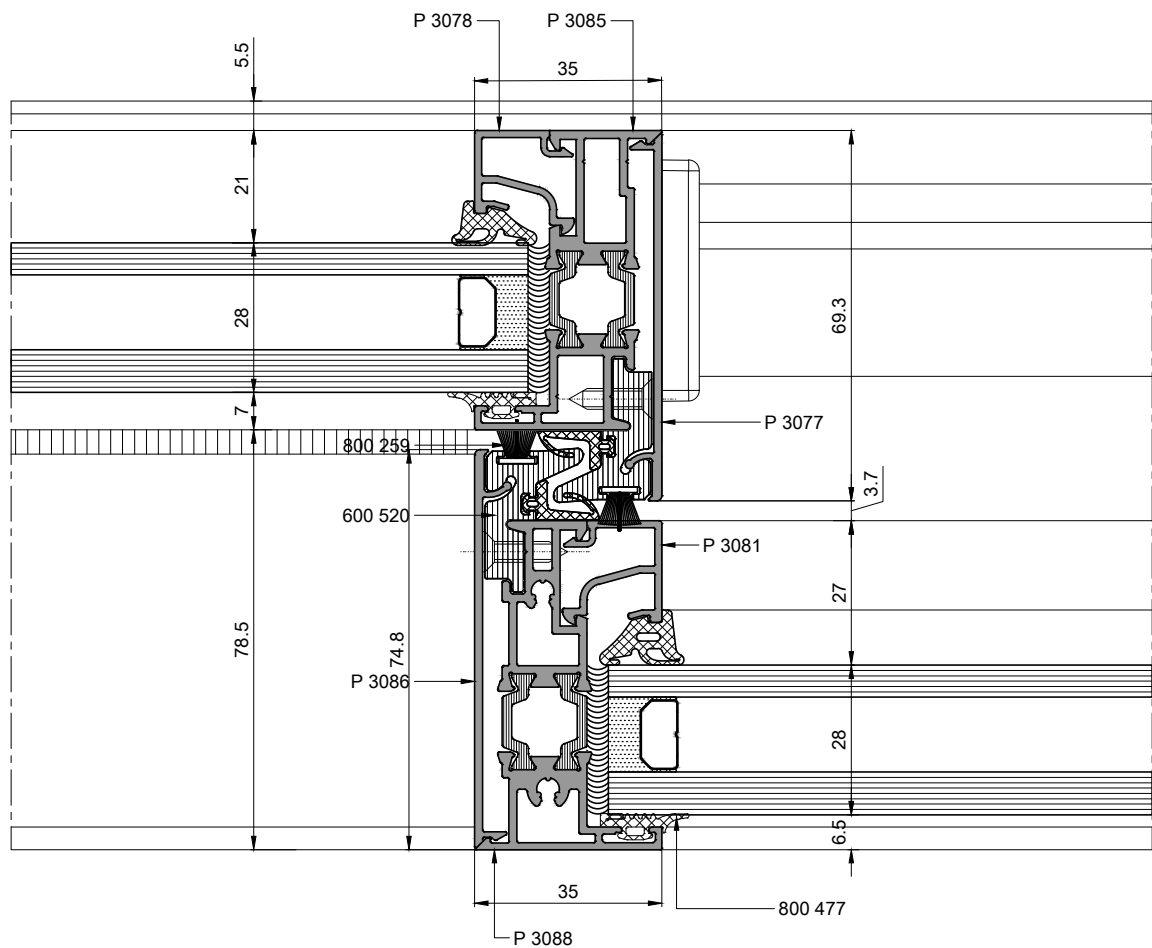
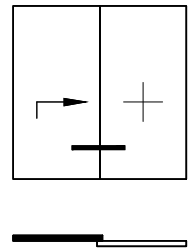
TEK RAYLI KASA İLE İNCE KANAT  
PRENSİP SİSTEM DETAYLARI  
PRINCIPAL SECTIONS for SLIM SASH  
SINGLE TRACK PROFILE

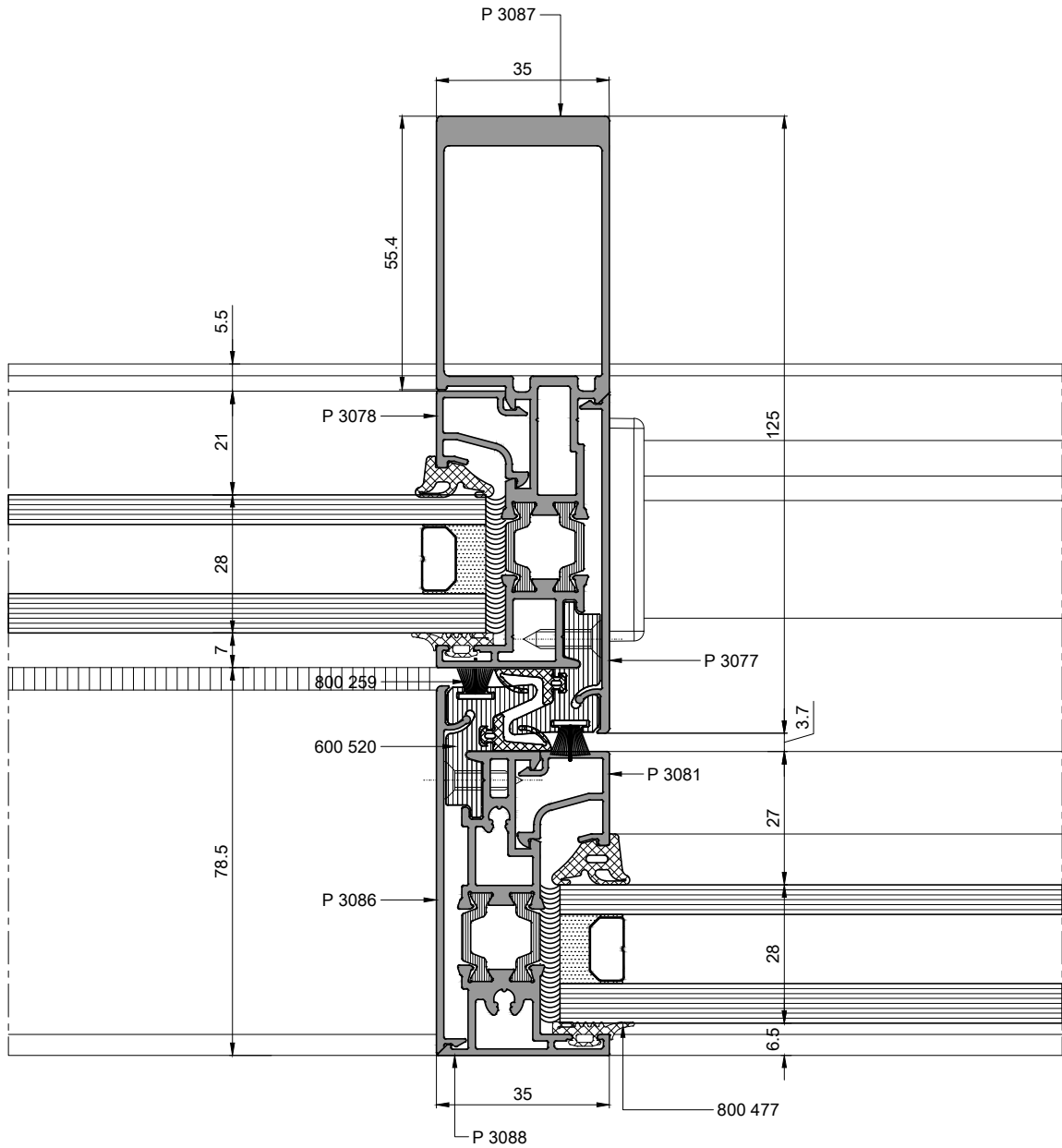
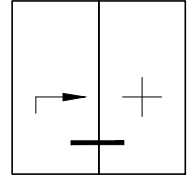


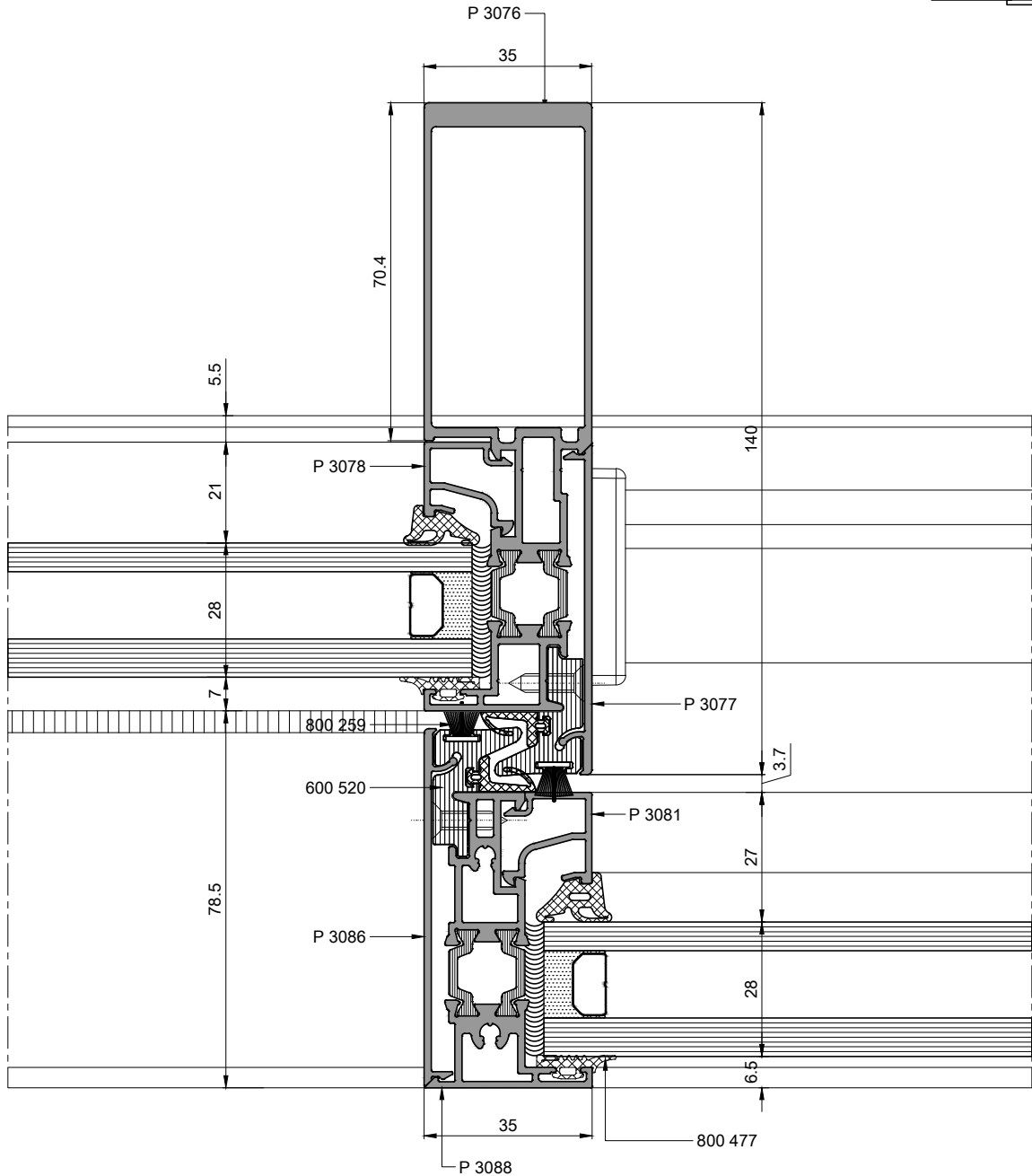
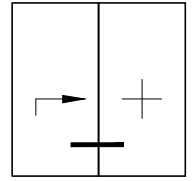


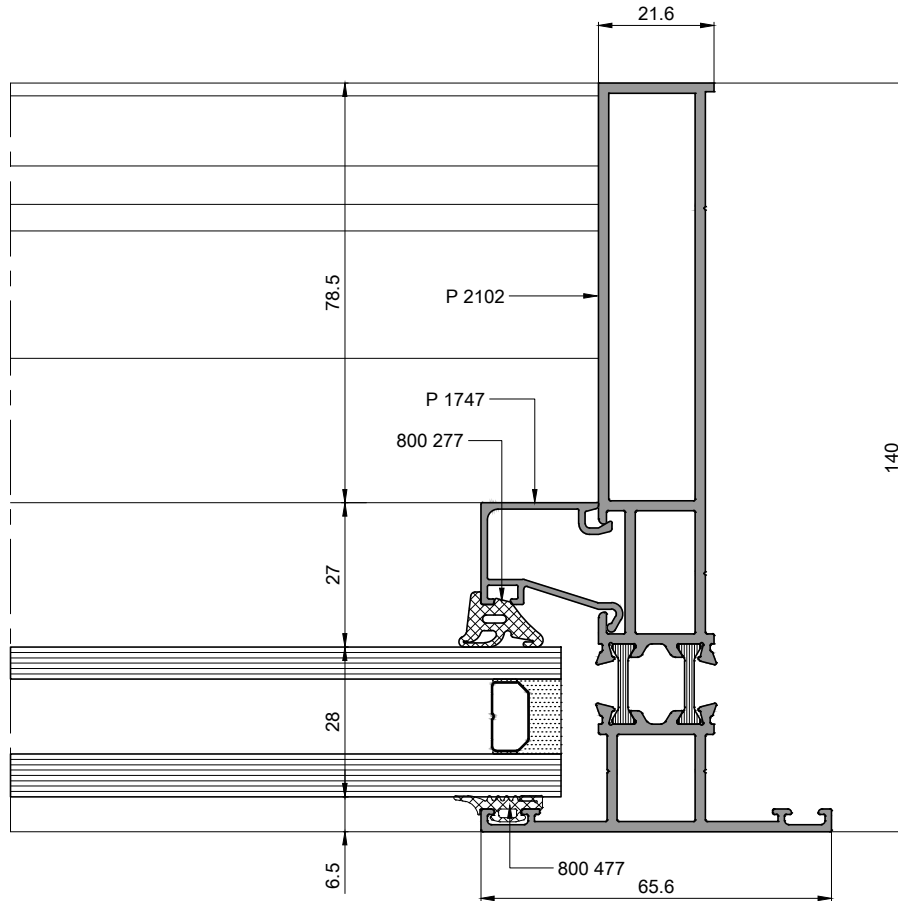
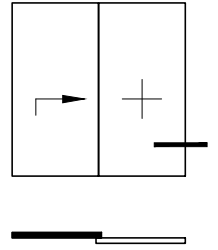


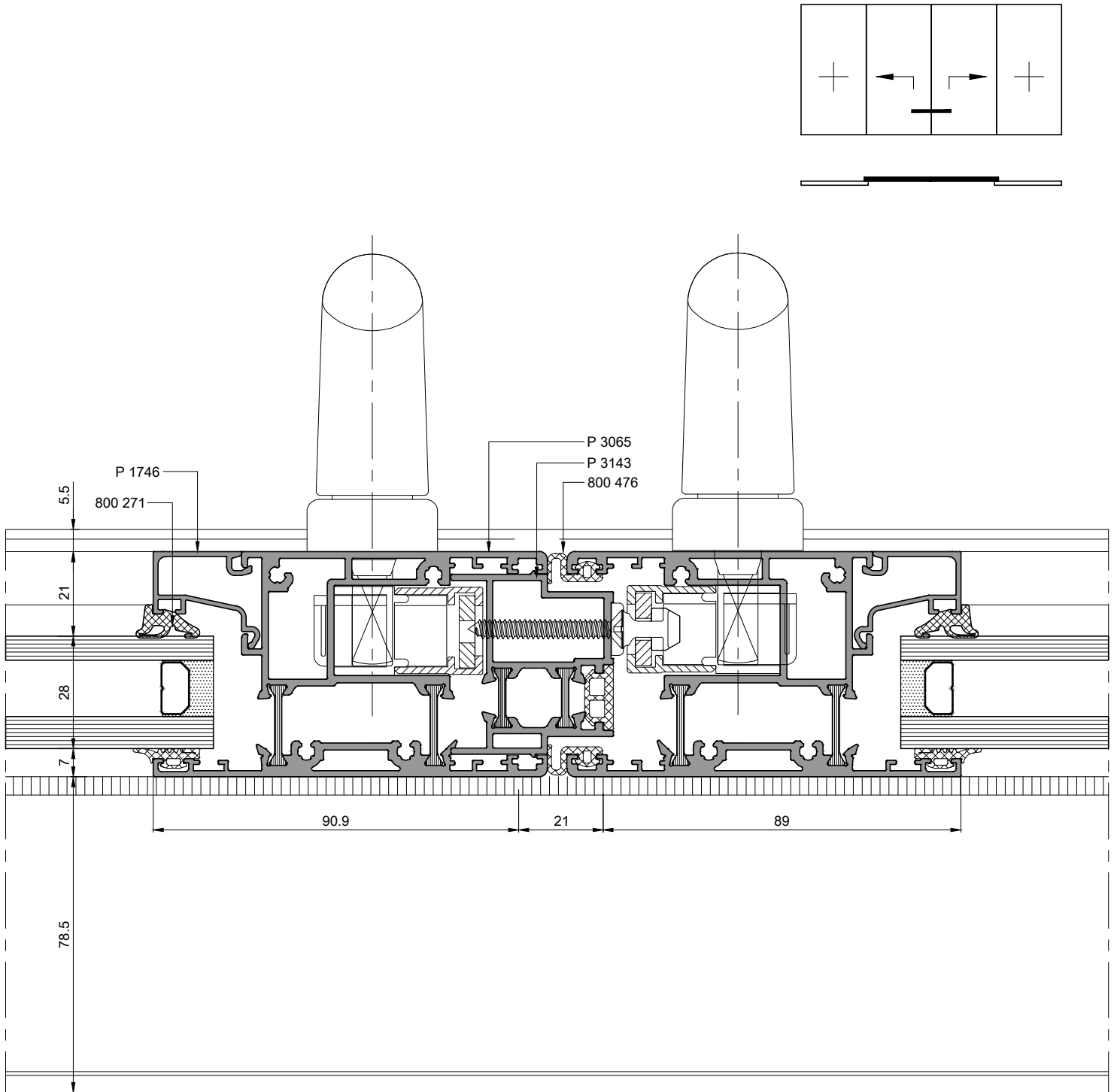


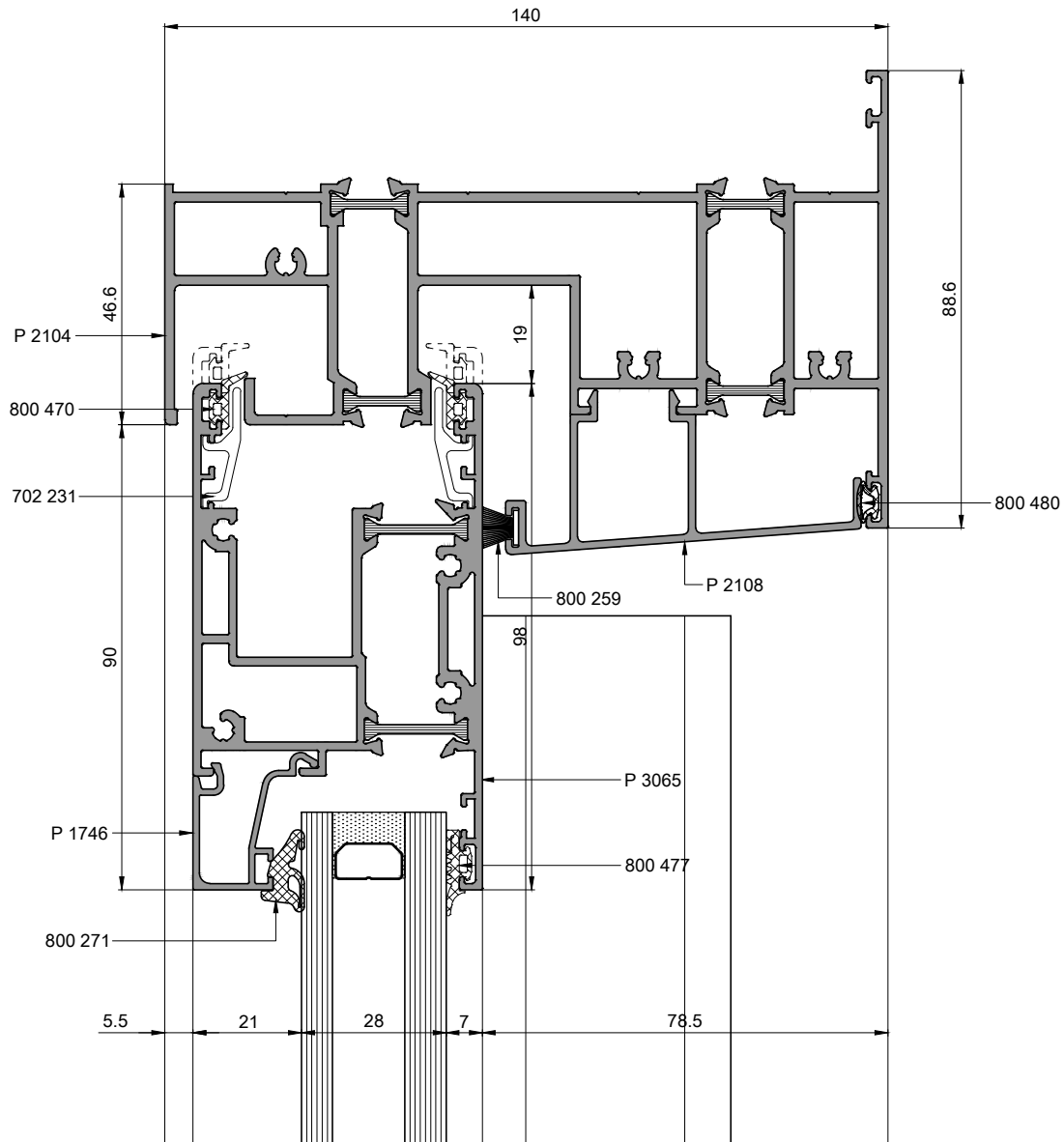
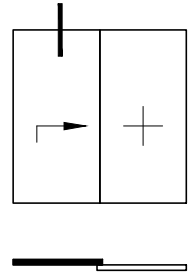


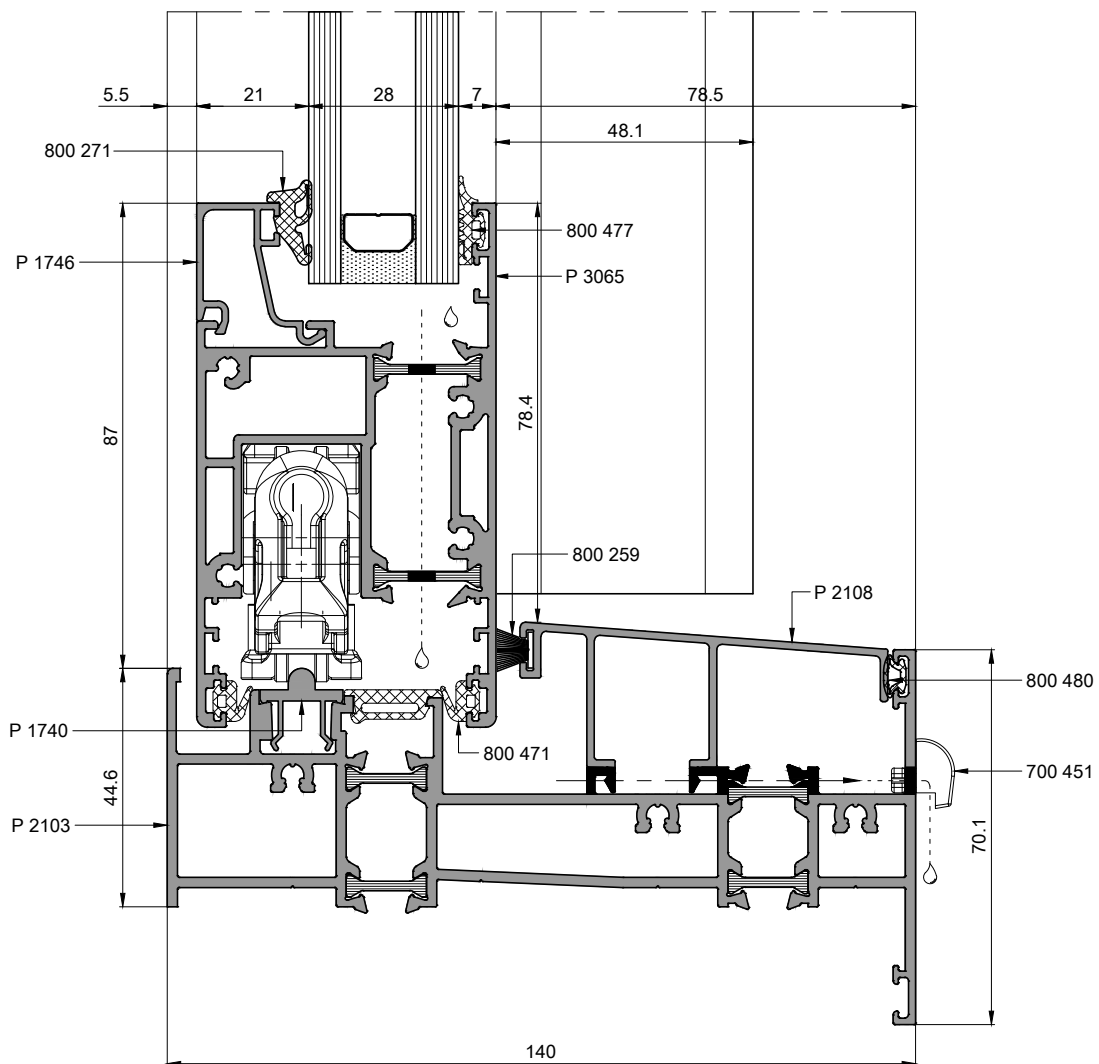
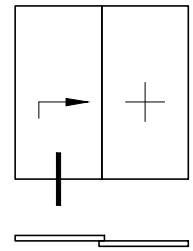


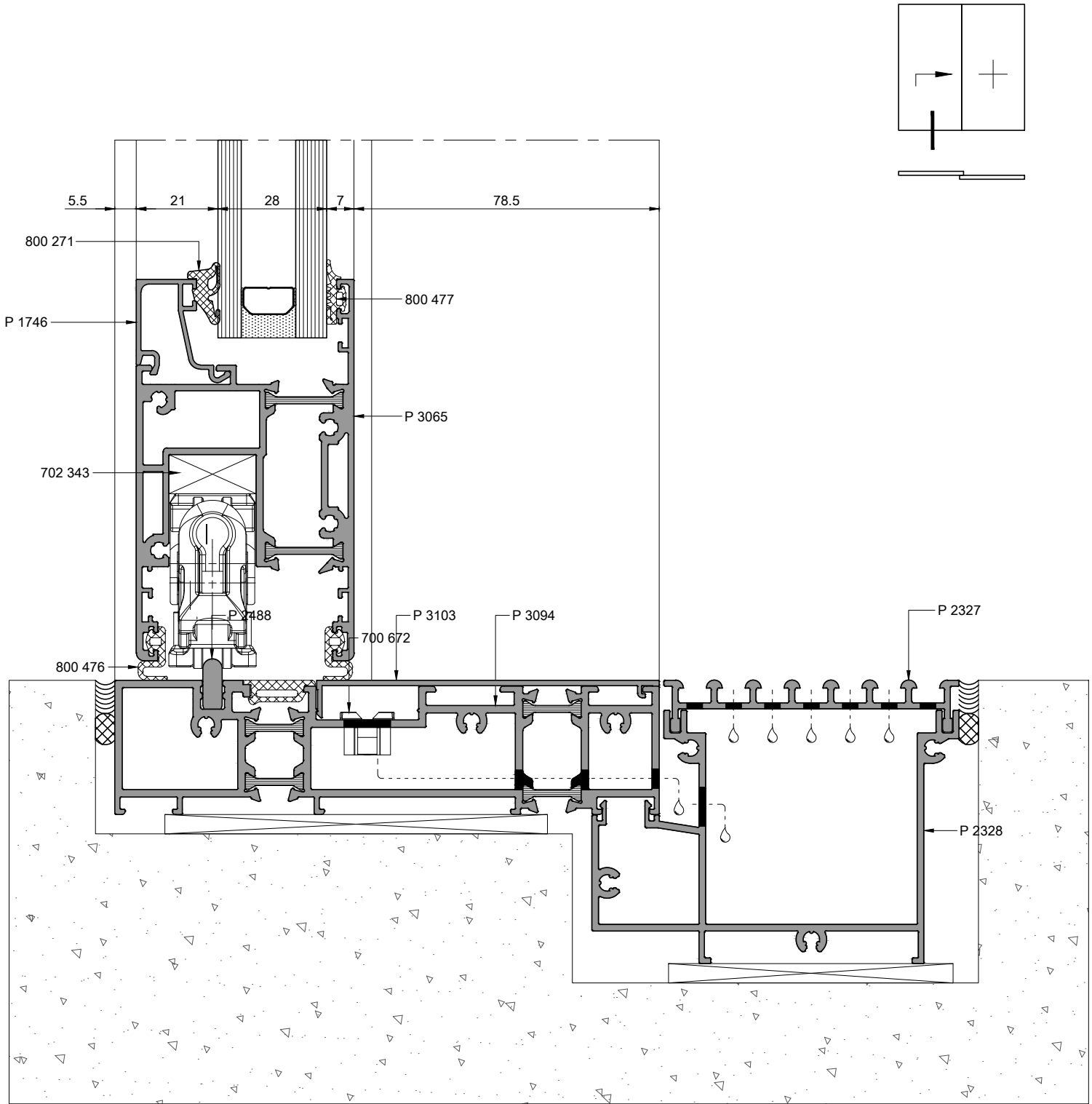


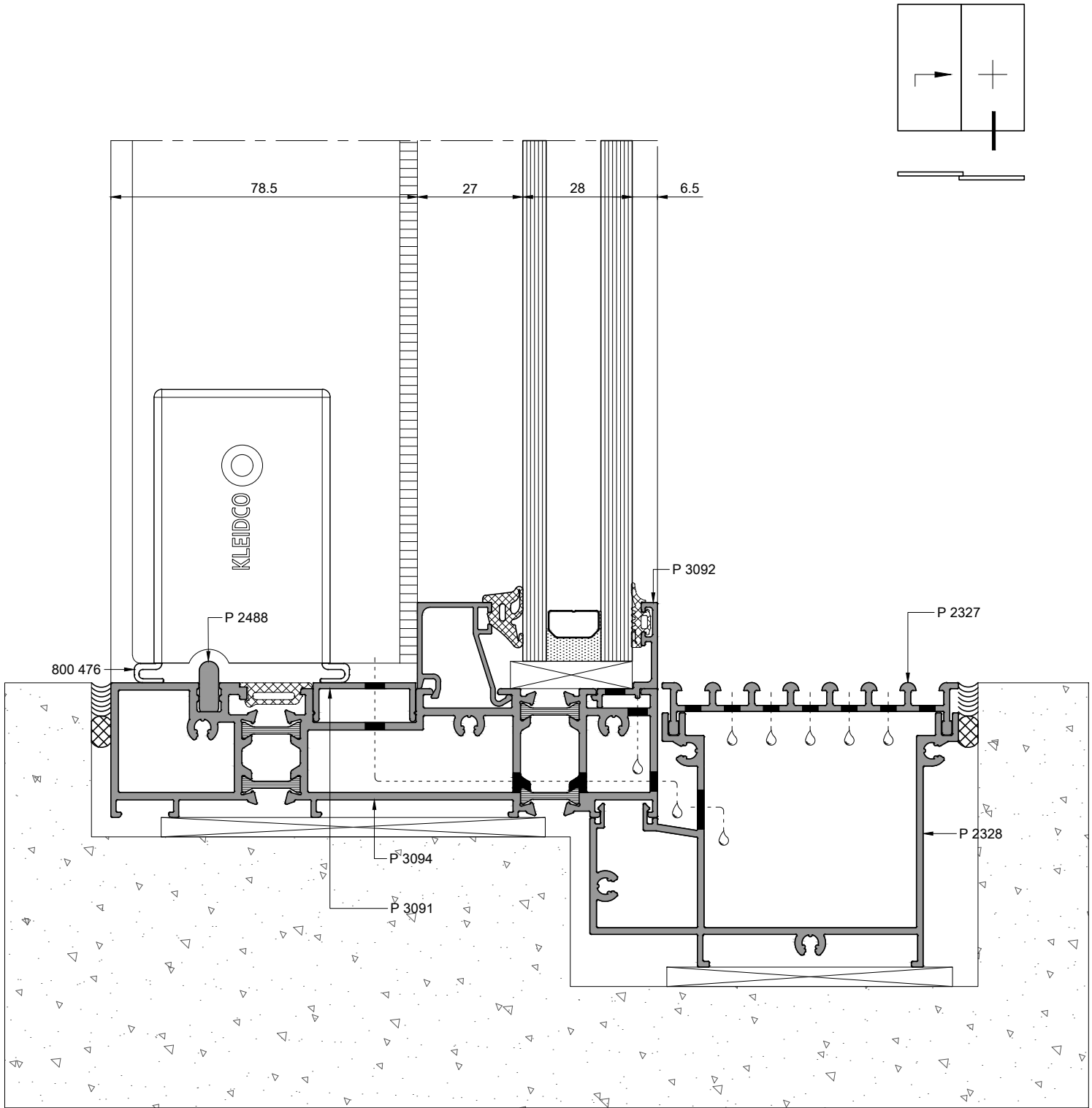


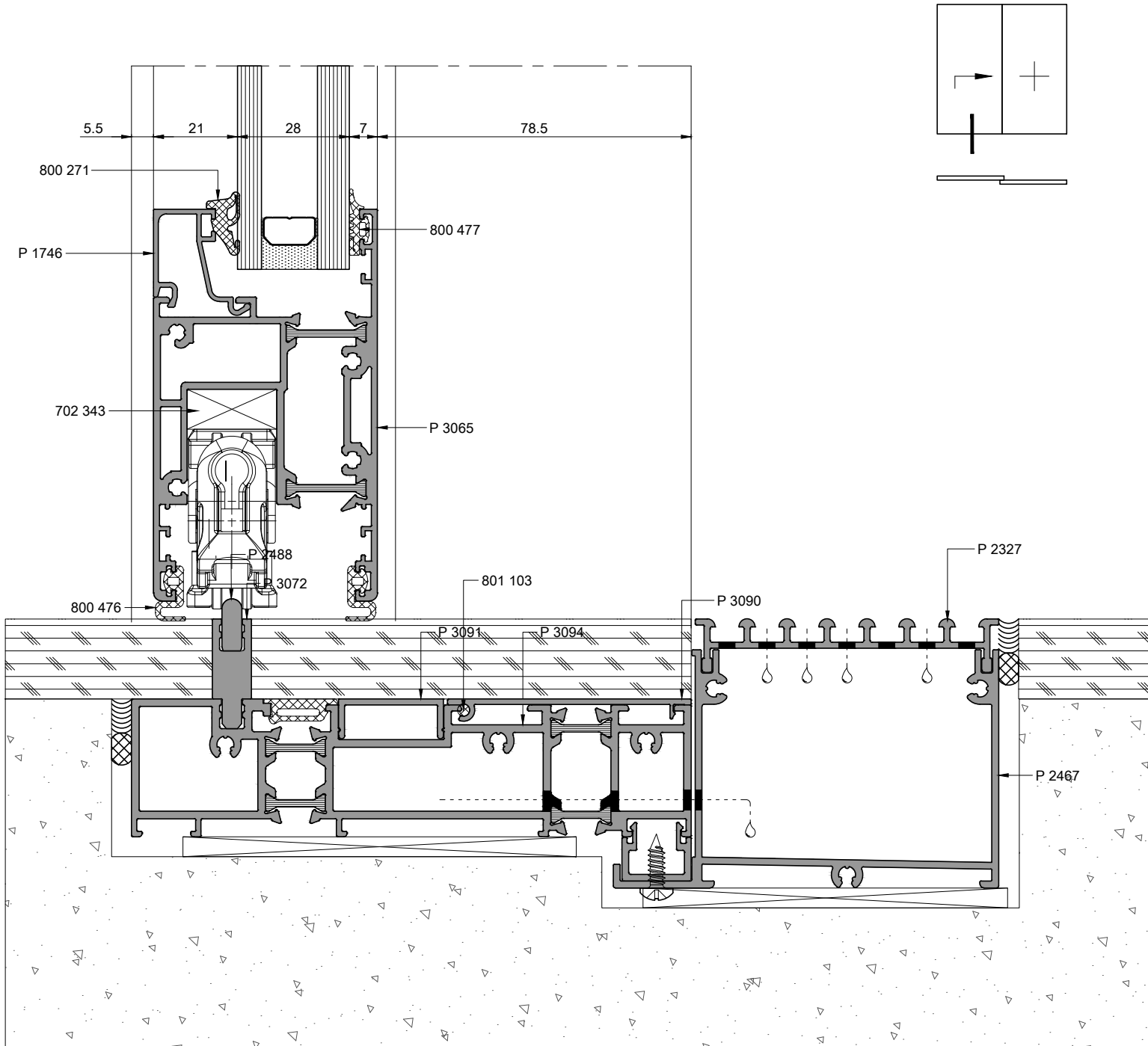












**UNIQUEslideMS**  
BASİT SÜRME KAPI SİSTEMİ  
SIMPLE SLIDE DOOR SYSTEM

TEK RAYLI KASA İLE  
PRENSİP SİSTEM DETAYLARI  
PRINCIPAL SECTIONS for  
SINGLE TRACK PROFILE

