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DELİKLİ METAL / PERFORATED METAL

**Mimari Cephe Teknik Detaylar**  
**Architectural Façade Technical Details**

# Mimari Cephe Teknik Detaylar

## Architectural Façade Technical Details

### Cephe Detay Çözümleri

#### Façade Detail Solutions

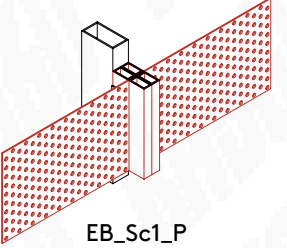
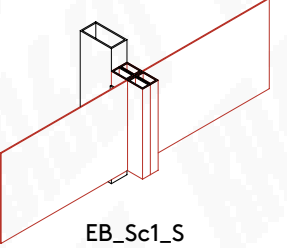
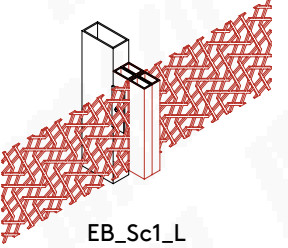
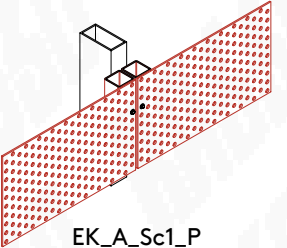
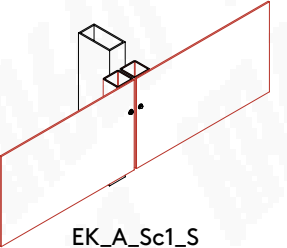
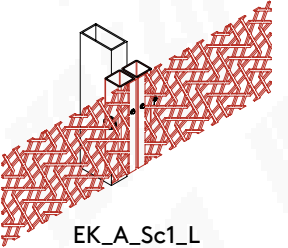
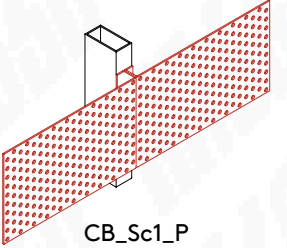
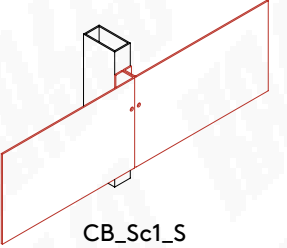
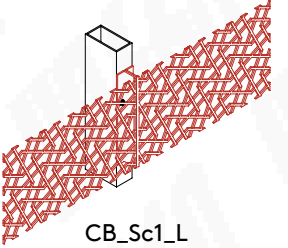
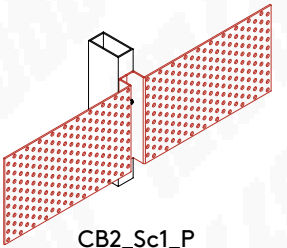
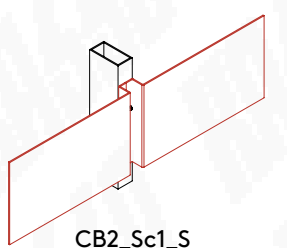
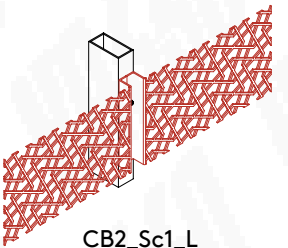
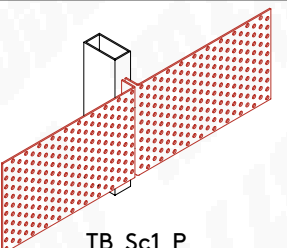
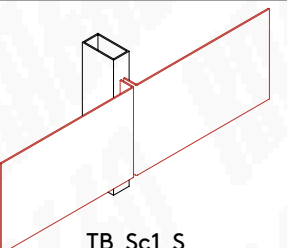
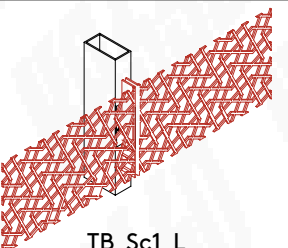
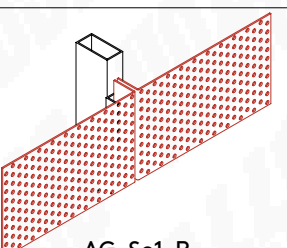
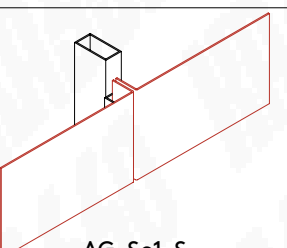
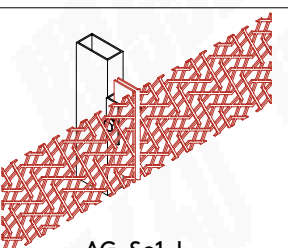
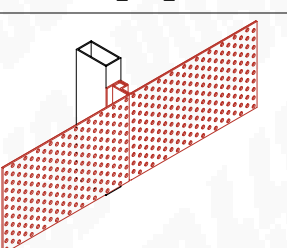
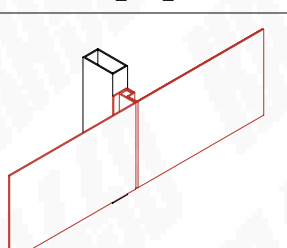
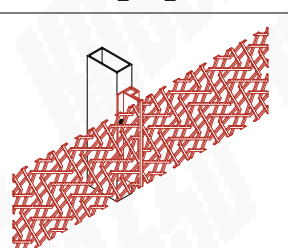
Kasso'nun sunduğu delikli metal ürünler, farklı geçirgenlik değerlerinde üretilebilmekte, böylelikle gün ışığı, ısı ve hava akışının kontrol edilebilmesine olanak tanımaktadır. Yüksek hassasiyette çalışan, en gelişmiş üretim teknolojisine sahip geniş makine parkımız sayesinde elde ettiğimiz tasarım esnekliği, çok çeşitli malzeme, desen, form, yüzey bitiş ve boyutlarda uygulama imkânı sunmaktadır.

Bu katalogda delikli metallerin -Sc1Cephe Sistemine- yapı taşıyıcısına ankraj ile sabitlenmiş kutu profillere çeşitli ara elemanlarla montajlandığı detay çözümlerine yer verilmiştir. Yaygın olarak kullanılan altı tip cephe sisteminde bu çözümler uygulanabilmektedir. Kasso delikli metal ürünler, farklı yapı ve konstrüksiyon sistemlerine entegre edilebildiği gibi, teknik ekibimiz aynı zamanda müşterilerimiz için projeye özel çözümler geliştirebilmektedir. Çerçeve ve büküm tipi çeşitliliği ile özgün detay çözümleri sunmaktadır.

The perforated metal products offered by Kasso can be manufactured with different permeability values, thus enabling control over the amount of daylight as well as heat and air flow. Thanks to our extensive machine park featuring highly accurate equipment that uses the latest manufacturing technology, we have the design flexibility to customize many options, with a wide variety of materials, patterns, forms, surface finishes, and dimensions available.

This catalog features detail solutions for the Sc1 Façade System, where perforated metals are mounted via various intermediate elements onto box profiles which are anchored to the structural bearer. These solutions can be applied to six commonly used façade systems. Not only can Kasso perforated metals be integrated into different structural and construction systems, but our technical team is also equipped to develop project-specific solutions for our clients. The variety of frame and fold types also allow for original detail solutions.

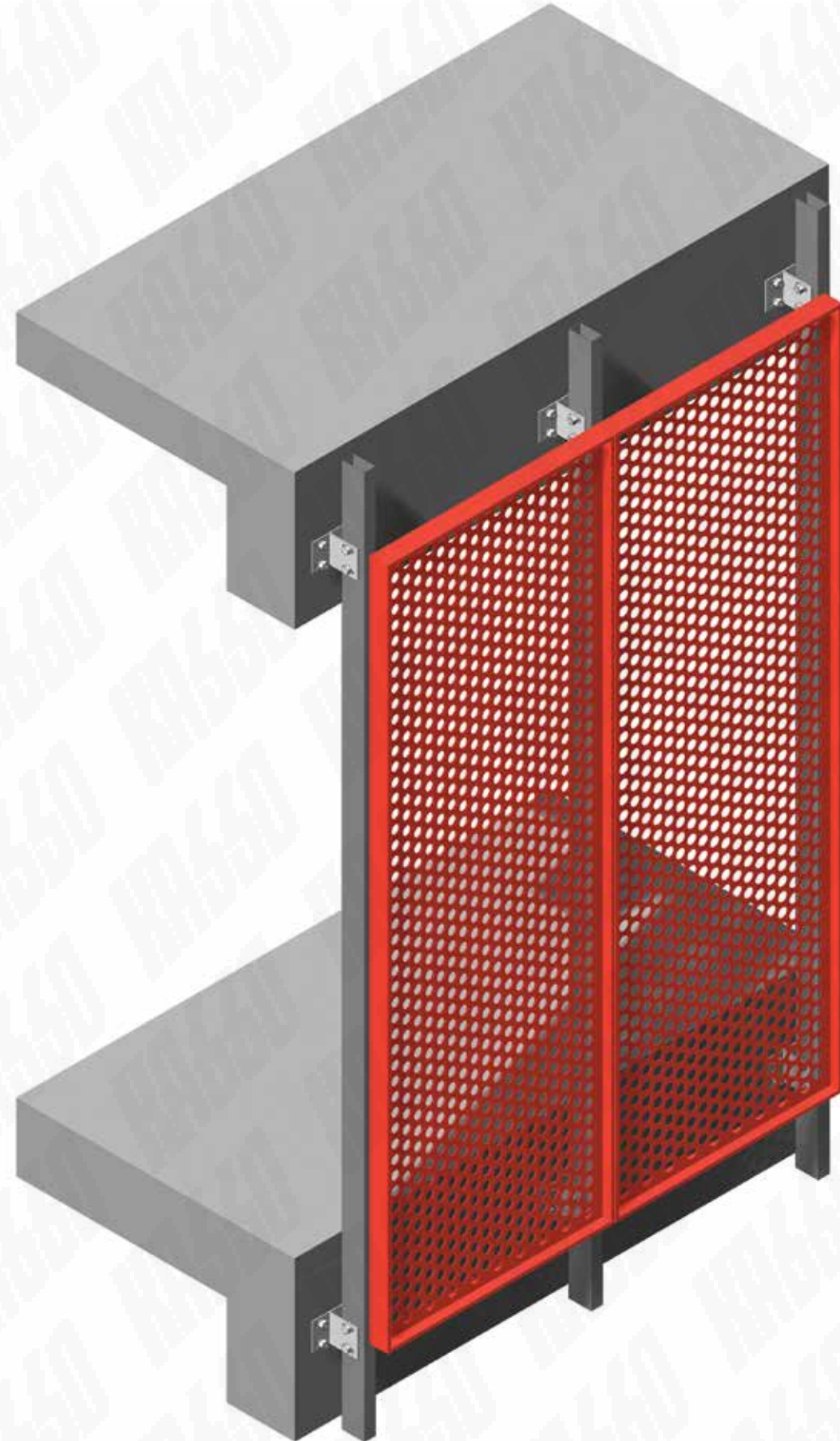
## Panel ve Sistem Birleşimleri / Panel and System Combinations

|                                   | Delikli Metal / Perforated Metal                                                                | Solid Metal / Solid Metal                                                                       | Desen Kesim Metal / Pattern Cut Metal                                                             |
|-----------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Çerçevesiz Panel / Framed Panel   | <br>EB_Sc1_P   | <br>EB_Sc1_S   | <br>EB_Sc1_L   |
|                                   | <br>EK_A_Sc1_P | <br>EK_A_Sc1_S | <br>EK_A_Sc1_L |
| Bükümlü Panel / Folded Edge Panel | <br>CB_Sc1_P   | <br>CB_Sc1_S   | <br>CB_Sc1_L   |
|                                   | <br>CB2_Sc1_P | <br>CB2_Sc1_S | <br>CB2_Sc1_L |
|                                   | <br>TB_Sc1_P | <br>TB_Sc1_S | <br>TB_Sc1_L |
|                                   | <br>AG_Sc1_P | <br>AG_Sc1_S | <br>AG_Sc1_L |
|                                   | <br>K_Sc1_P  | <br>K_Sc1_S  | <br>K_Sc1_L  |

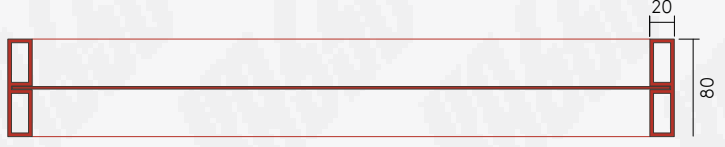
Panel tipi ve detayları delikli metal, solid metal ve desen kesim metal paneller için geçerli olup aşağıdaki diyagramda sistem örneklerini bulabilirsiniz.  
Panel types and details indicated are for perforated metal, solid metal, and pattern-cut metal panels. See below diagrams for sample systems.

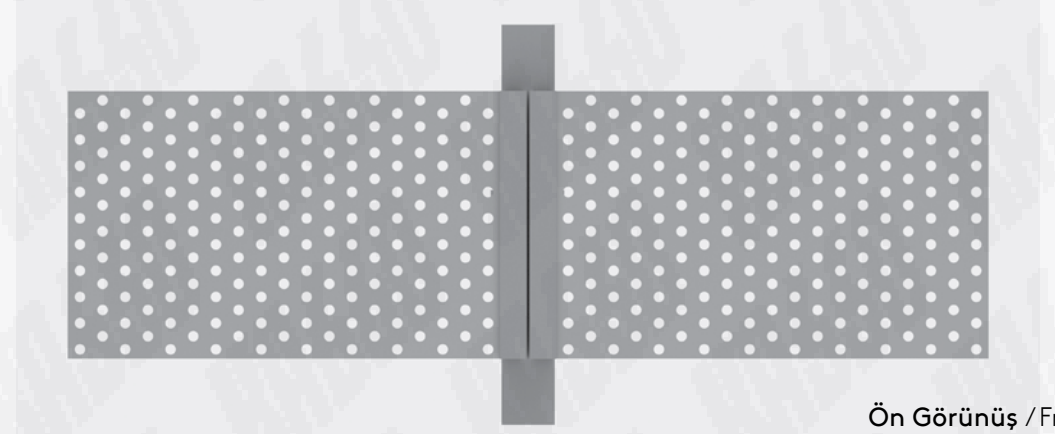
|                                 |                                                                                              | Panel                                                                                                               |
|---------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Çerçevesiz Panel / Framed Panel | <br>EB    |                                  |
|                                 | <br>EK    | <br>Detay Tipi A / Detail Type A |
| Büküm Tipi / Fold Type          | <br>CB    |                                  |
|                                 | <br>CB2 |                                |
|                                 | <br>TB  |                                |
|                                 | <br>AG  |                                |
|                                 | <br>K   |                                |

EB\_Sc1\_P

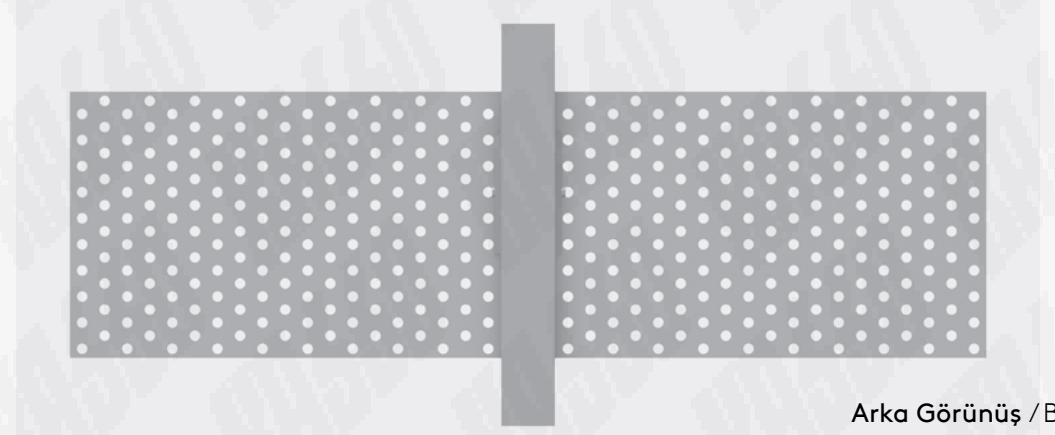


EB\_Sc1\_P

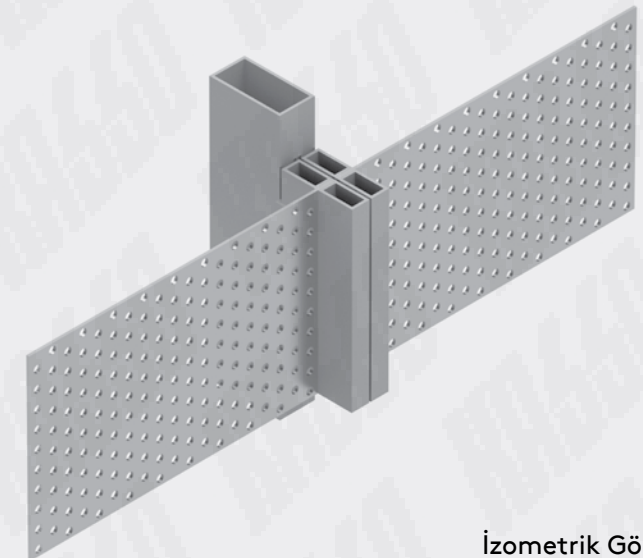
| Çerçeve Tipi<br>Frame Type                                                                | Panel                                                                               |
|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <br>EB |  |



Ön Görünüş / Front View



Arka Görünüş / Back View

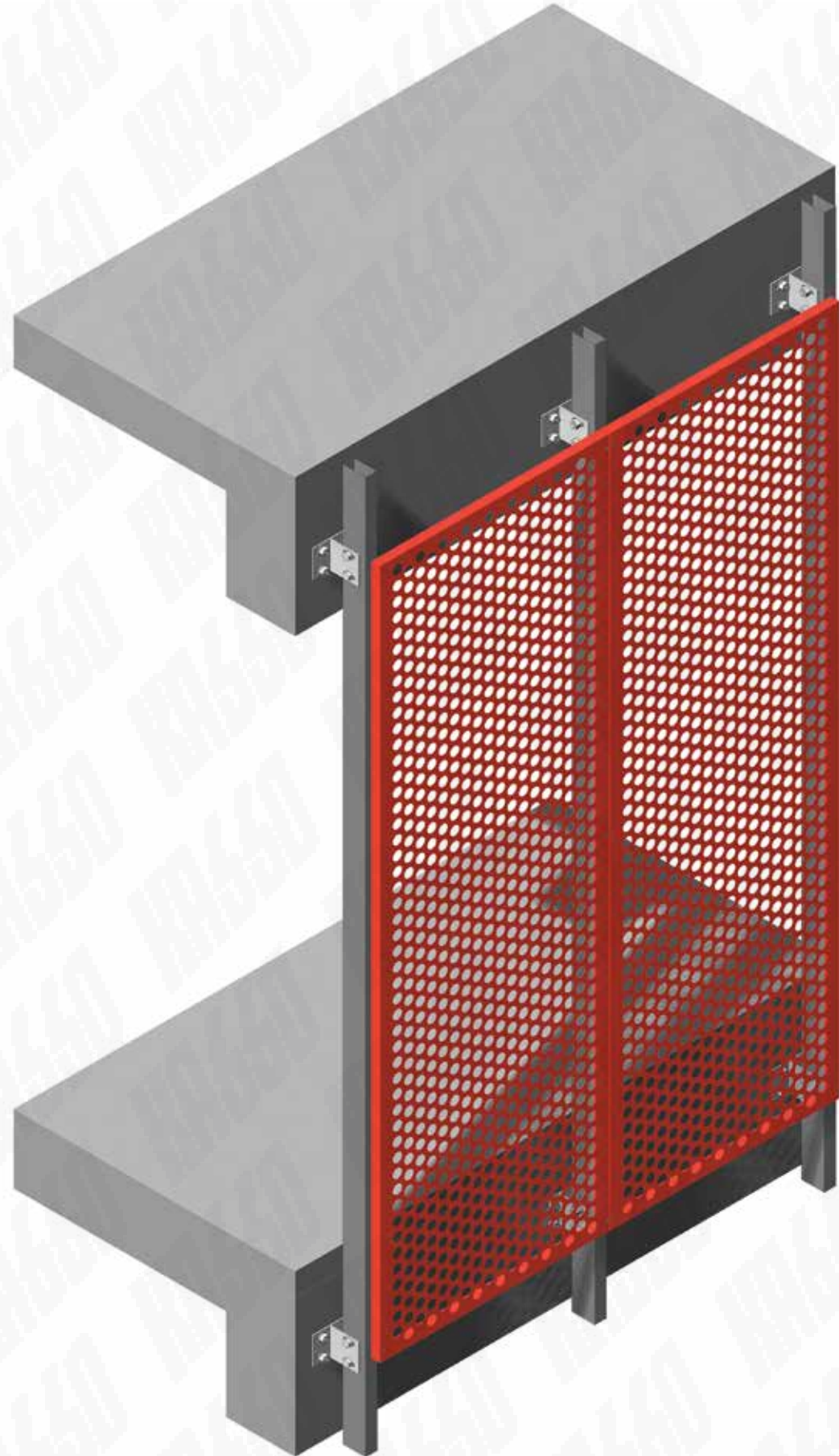


İzometrik Görünüş / Isometric View

\* Çerçeve kesit ölçüleri ve büküm detayları, delikli metalin delik çapı, boşluk oranı, kalınlık ölçüsü ve panel boyutuna bağlı olarak değişiklik göstermektedir. Çizimlerde standart çerçeve kesit ve büküm ölçüleri verilmiştir.

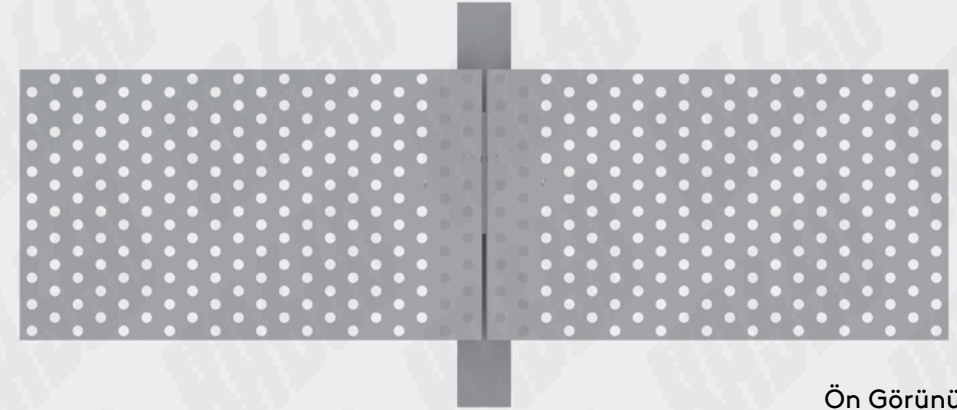
\* The dimensions of the frame section vary according to the perforated metal perforation diameter, open area ratio, thickness and the panel size. The illustrations indicate standard frame section and bending dimensions.

EK\_A\_Sc1\_P

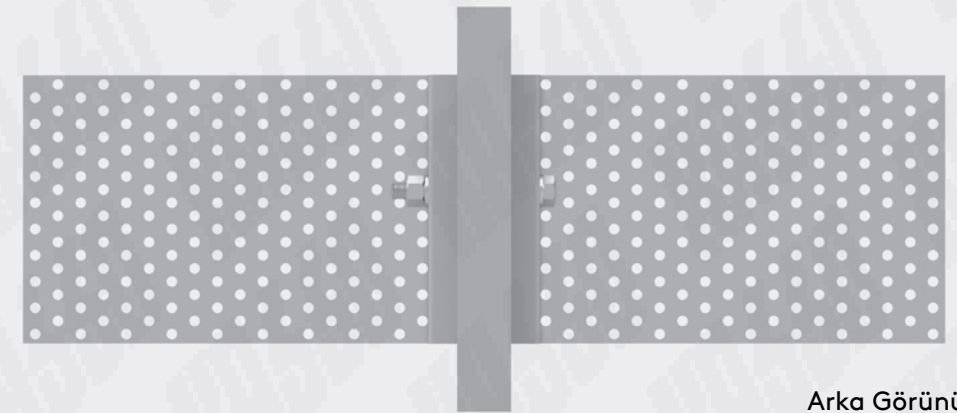


EK\_A\_Sc1\_P

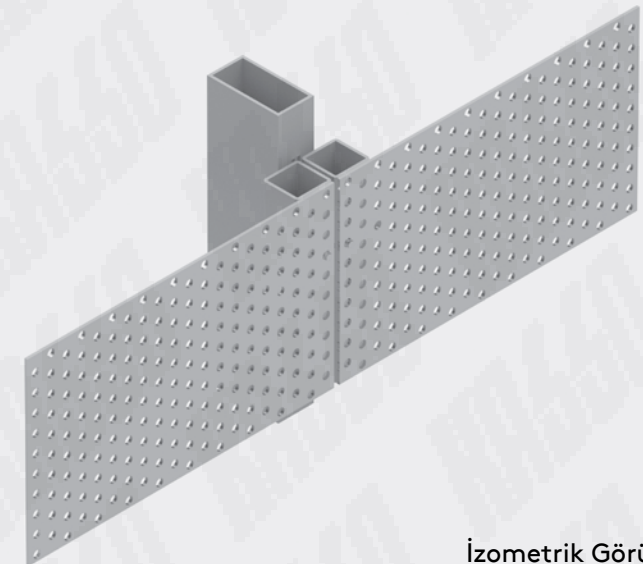
| Çerçeve Tipi<br>Frame Type                                                          | Panel                                                                               |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |
| EK                                                                                  | Detay Tipi A /Detail Type A                                                         |



Ön Görünüş / Front View



Arka Görünüş / Back View

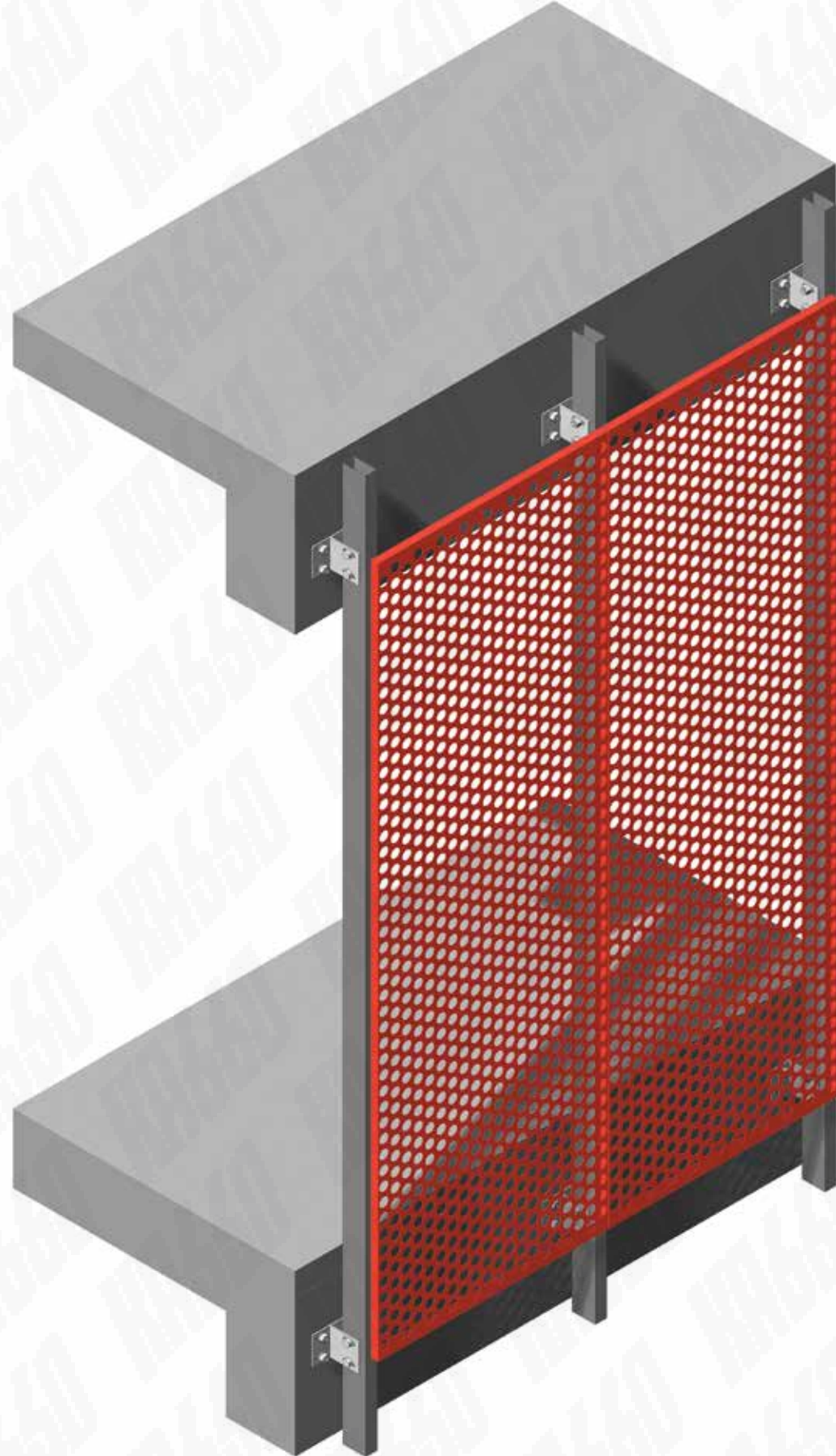


İzometrik Görünüş / Isometric View

\* Çerçeve kesit ölçüleri ve büküm detayları, delikli metalin delik çapı, boşluk oranı, kalınlık ölçüsü ve panel boyutuna bağlı olarak değişiklik göstermektedir. Çizimlerde standart çerçeve kesit ve büküm ölçüleri verilmiştir.

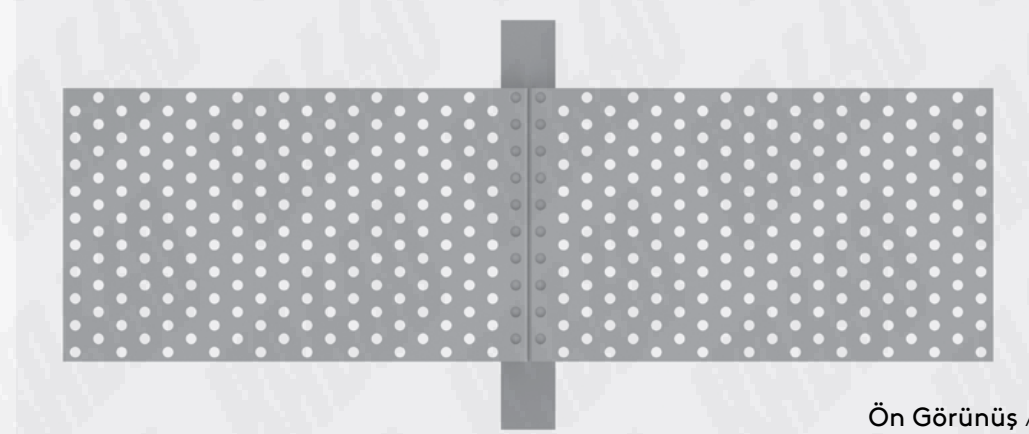
\* The dimensions of the frame section vary according to the perforated metal perforation diameter, open area ratio, thickness and the panel size. The illustrations indicate standard frame section and bending dimensions.

CB\_Sc1\_P

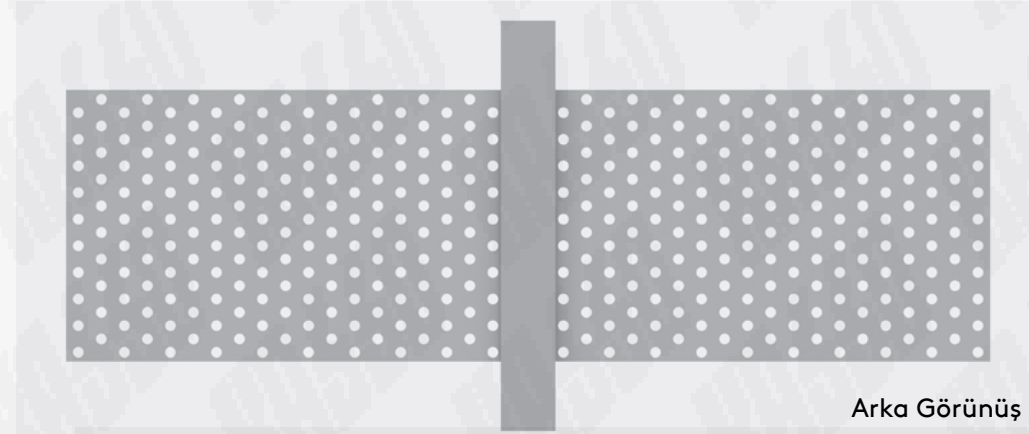


CB\_Sc1\_P

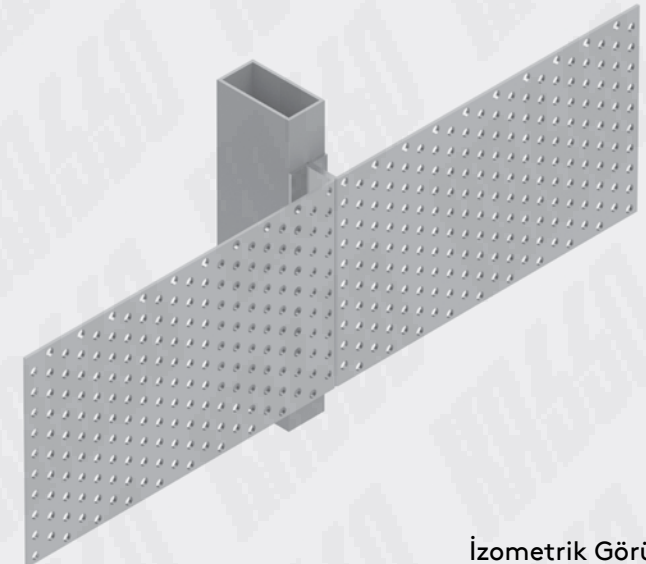
| Büküm Tipi<br>Fold Type                                                                   | Panel                                                                               |
|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <br>CB |  |



Ön Görünüş / Front View



Arka Görünüş / Back View

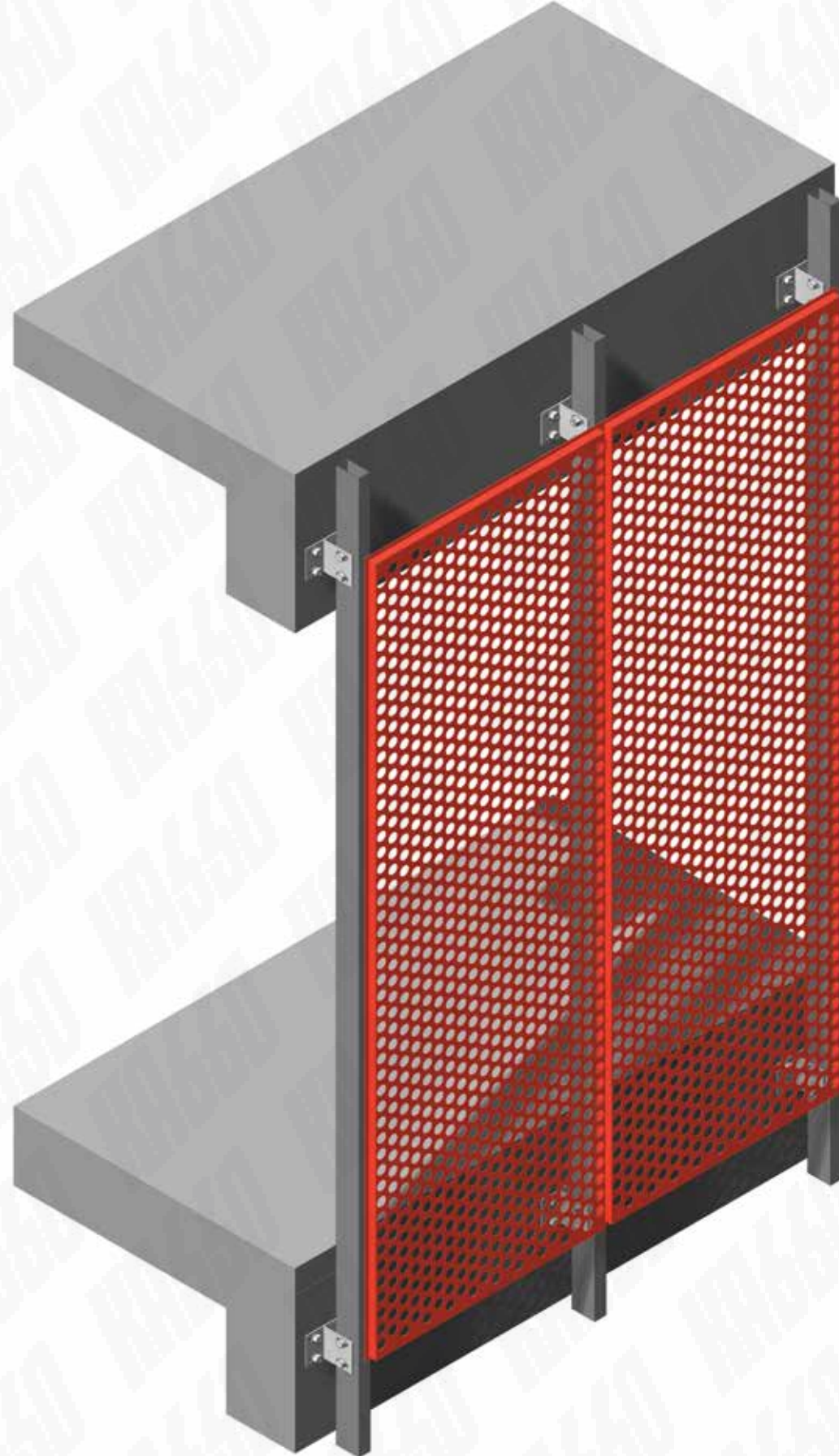


İzometrik Görünüş / Isometric View

\* Çerçeve kesit ölçüleri ve büküm detayları, delikli metalin delik çapı, boşluk oranı, kalınlık ölçüsü ve panel boyutuna bağlı olarak değişiklik göstermektedir. Çizimlerde standart çerçeve kesit ve büküm ölçüleri verilmiştir.

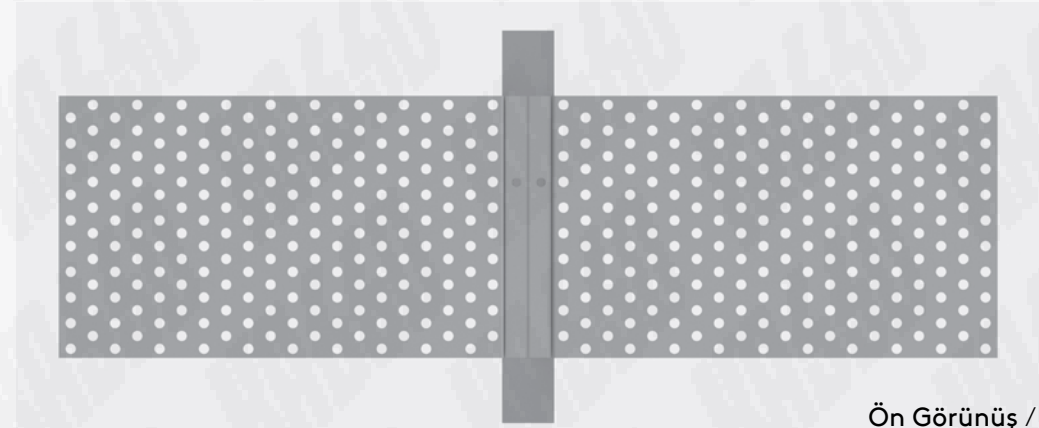
\* The dimensions of the frame section vary according to the perforated metal perforation diameter, open area ratio, thickness and the panel size. The illustrations indicate standard frame section and bending dimensions.

CB2\_Sc1\_P

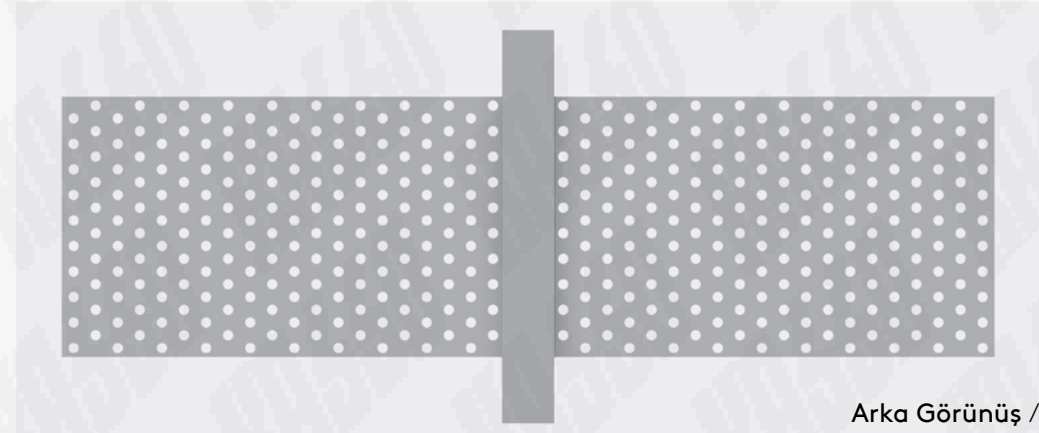


CB2\_Sc1\_P

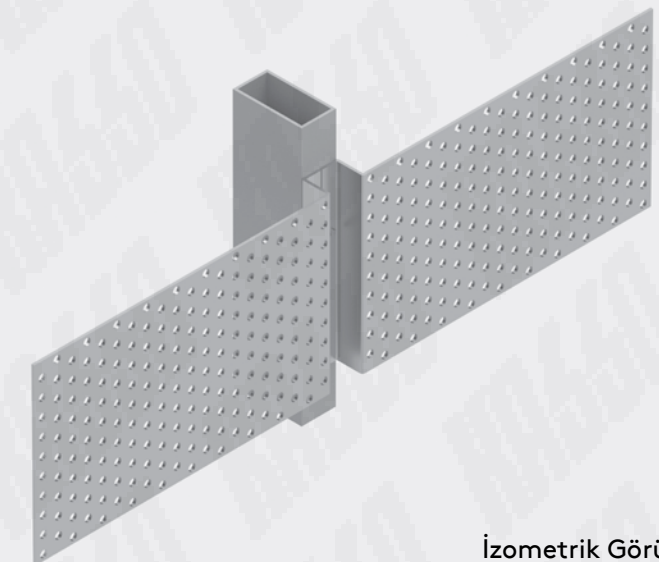
| Büküm Tipi<br>Fold Type                                                                    | Panel                                                                               |
|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <br>CB2 |  |



Ön Görünüş / Front View



Arka Görünüş / Back View

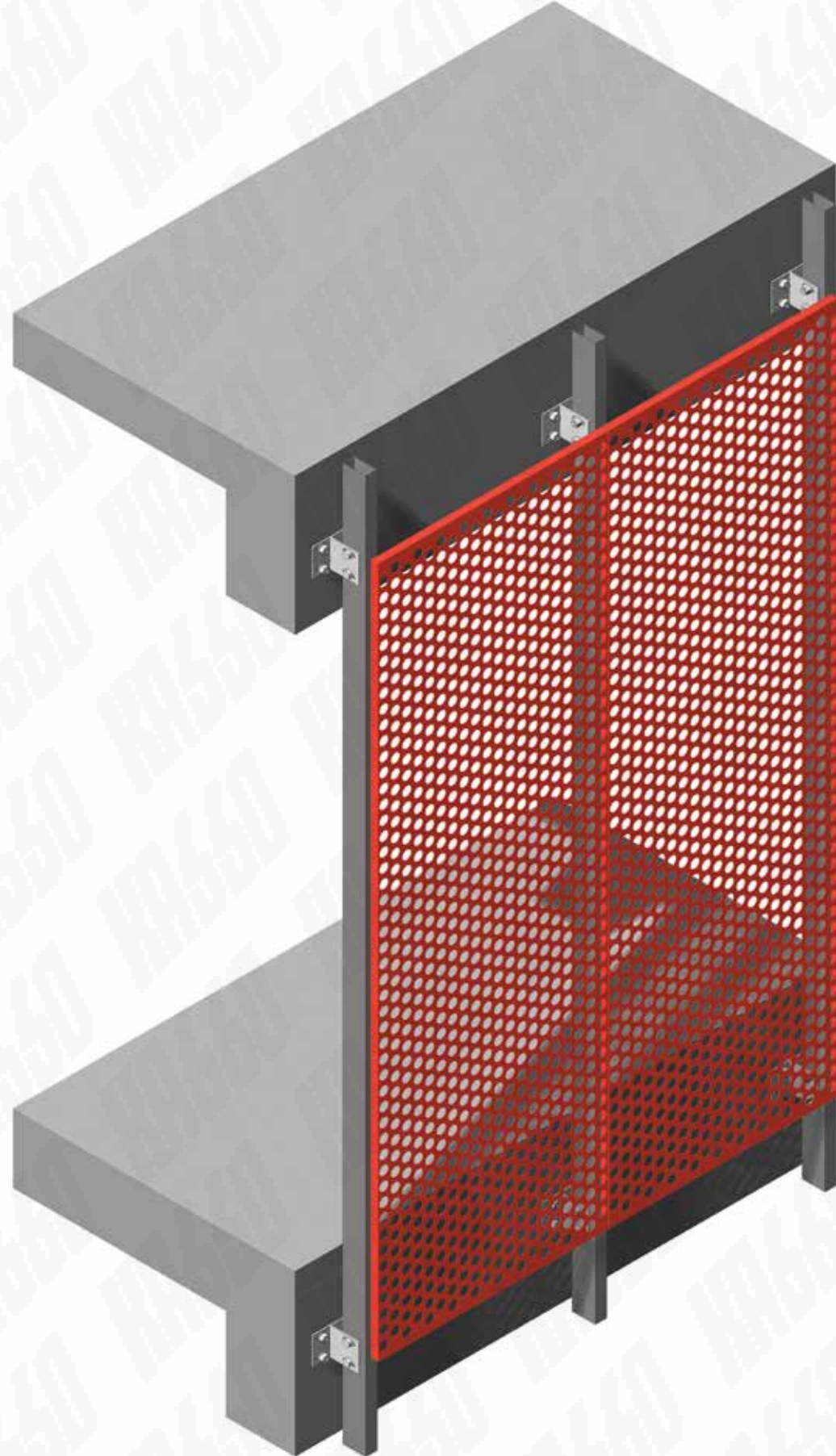


İzometrik Görünüş / Isometric View

\* Çerçeve kesit ölçüleri ve büküm detayları, delikli metalin delik çapı, boşluk oranı, kalınlık ölçüsü ve panel boyutuna bağlı olarak değişiklik göstermektedir. Çizimlerde standart çerçeve kesit ve büküm ölçüleri verilmiştir.

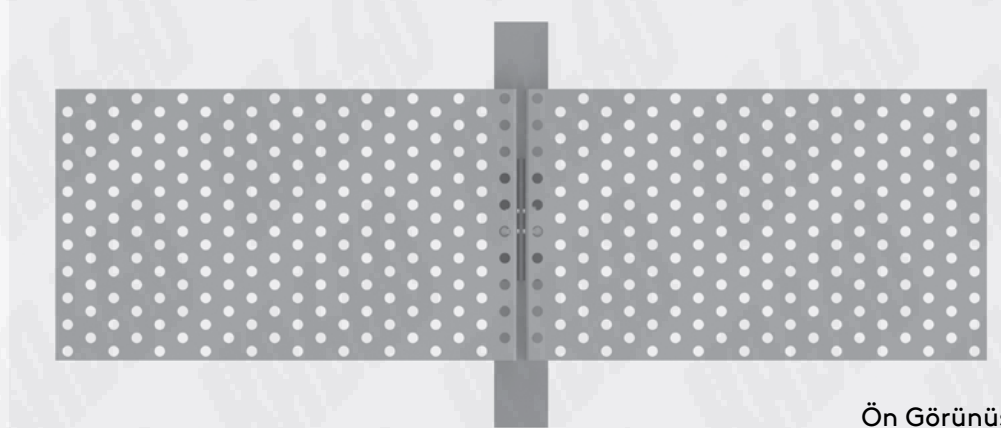
\* The dimensions of the frame section vary according to the perforated metal perforation diameter, open area ratio, thickness and the panel size. The illustrations indicate standard frame section and bending dimensions.

TB\_Sc1\_P

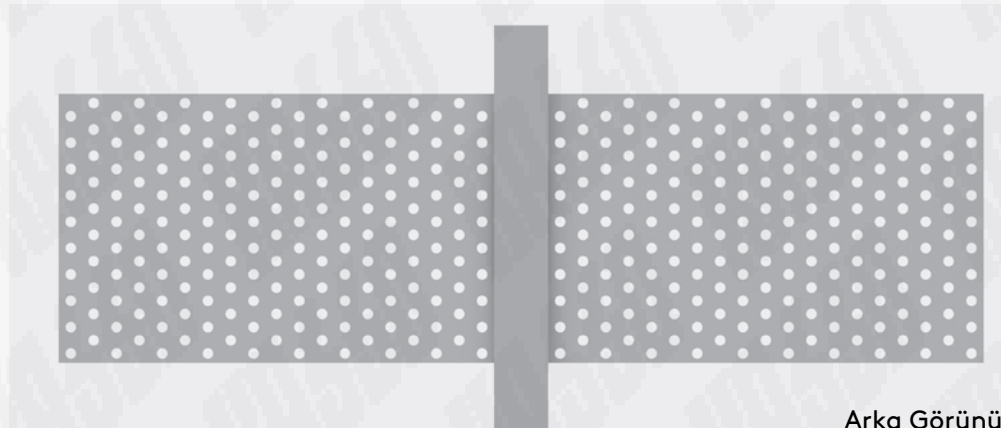


TB\_Sc1\_P

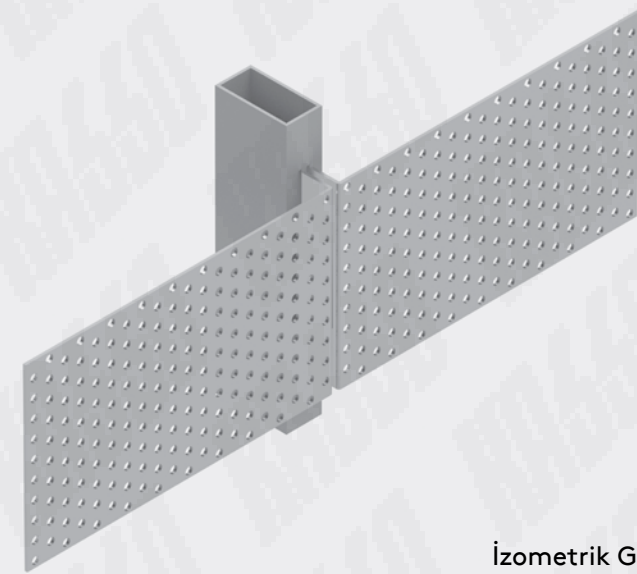
| Büküm Tipi<br>Fold Type                                                                   | Panel                                                                                     |
|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| <br>TB | <br>30 |



Ön Görünüş / Front View



Arka Görünüş / Back View

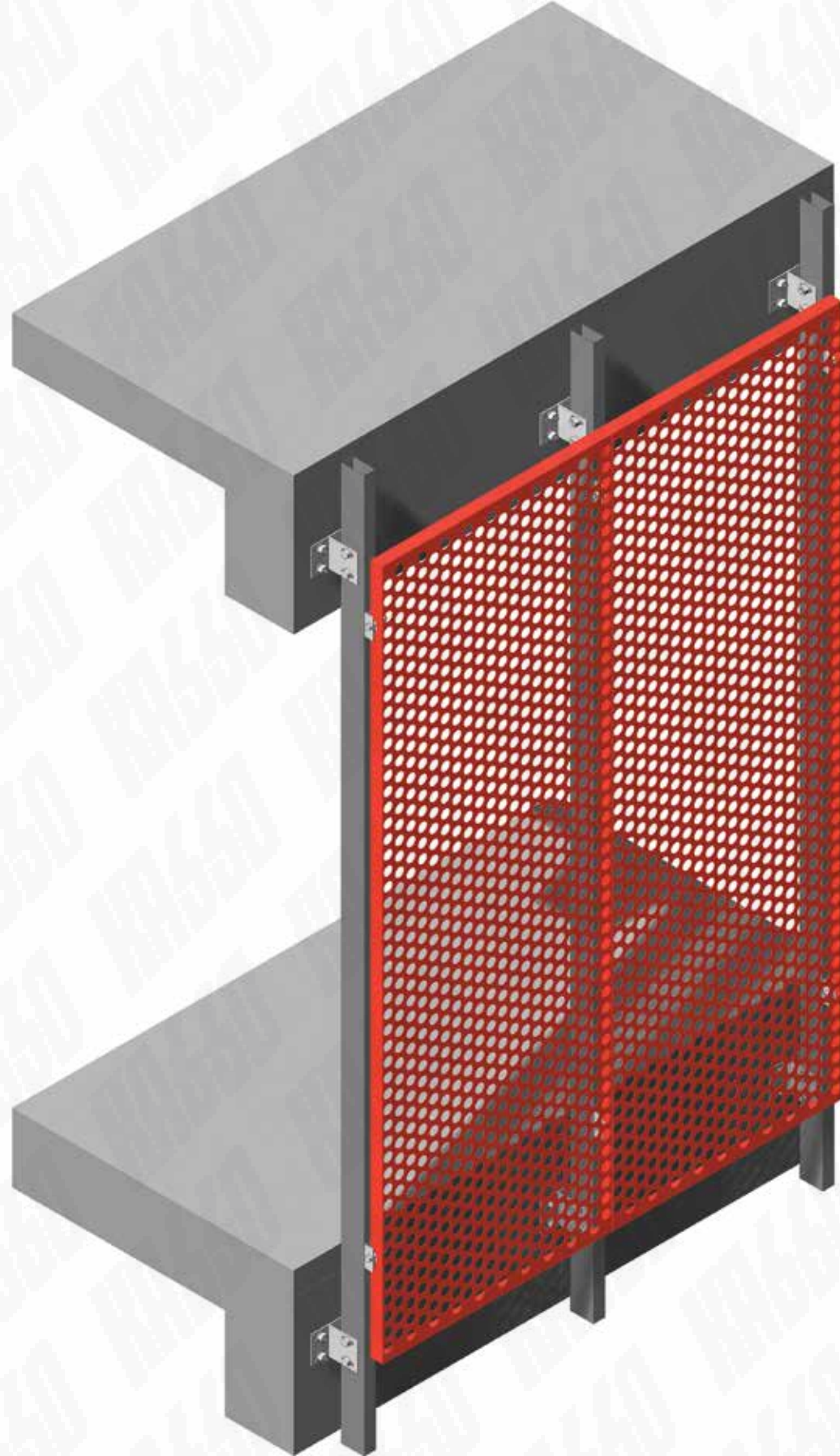


İzometrik Görünüş / Isometric View

\* Çerçeve kesit ölçüleri ve büküm detayları, delikli metalin delik çapı, boşluk oranı, kalınlık ölçüsü ve panel boyutuna bağlı olarak değişiklik göstermektedir. Çizimlerde standart çerçeve kesit ve büküm ölçüleri verilmiştir.

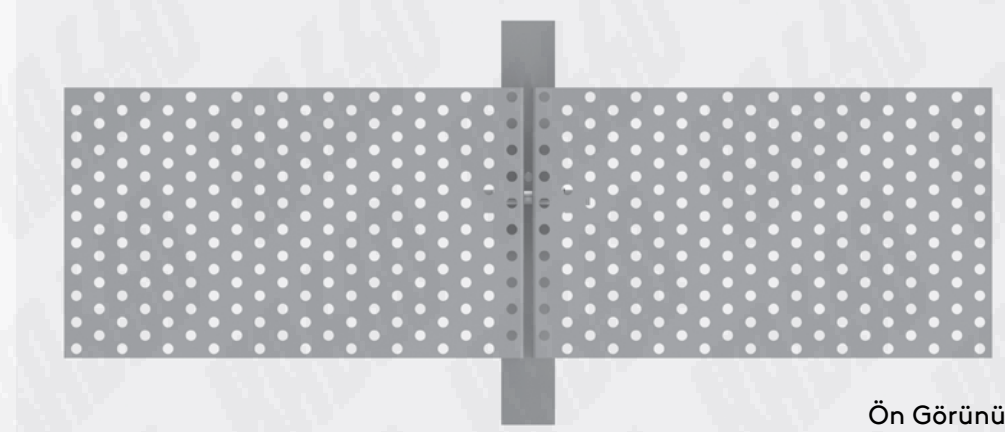
\* The dimensions of the frame section vary according to the perforated metal perforation diameter, open area ratio, thickness and the panel size. The illustrations indicate standard frame section and bending dimensions.

AG\_Sc1\_P

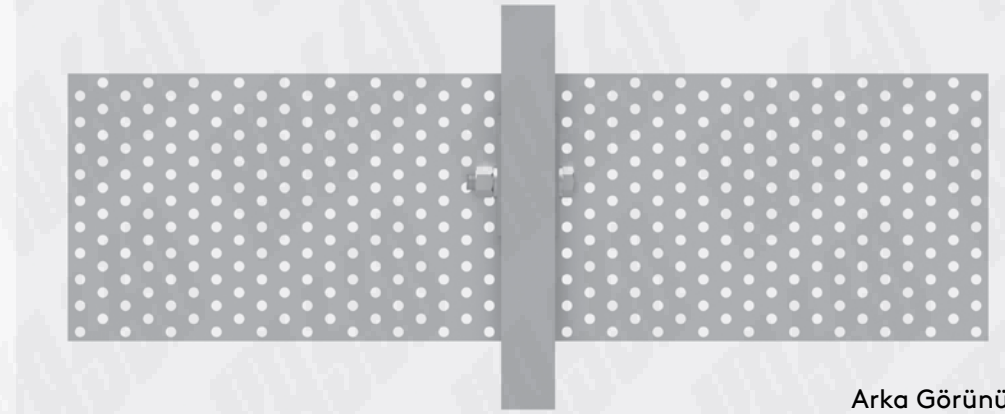


AG\_Sc1\_P

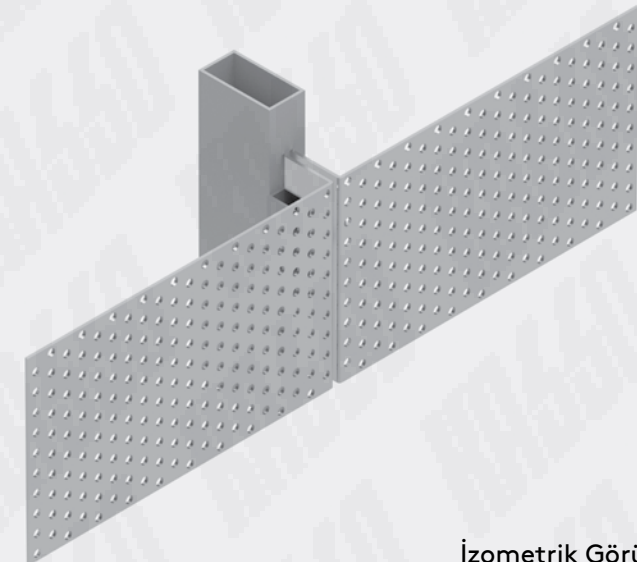
| Büküm Tipi<br>Fold Type                                                                   | Panel                                                                               |
|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <br>AG |  |



Ön Görünüş / Front View



Arka Görünüş / Back View

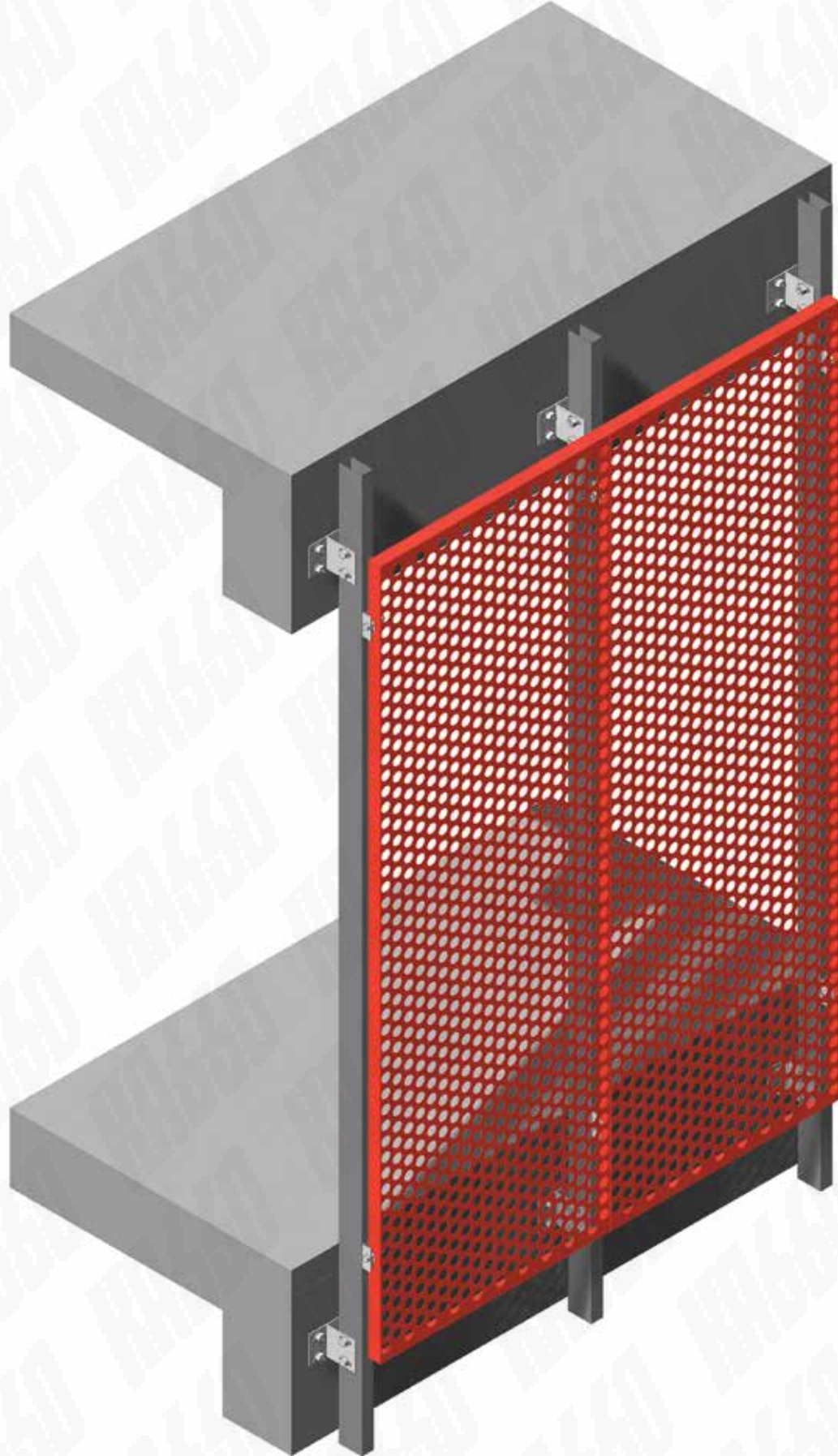


İzometrik Görünüş / Isometric View

\* Çerçeve kesit ölçüleri ve büküm detayları, delikli metalin delik çapı, boşluk oranı, kalınlık ölçüsü ve panel boyutuna bağlı olarak değişiklik göstermektedir. Çizimlerde standart çerçeve kesit ve büküm ölçüleri verilmiştir.

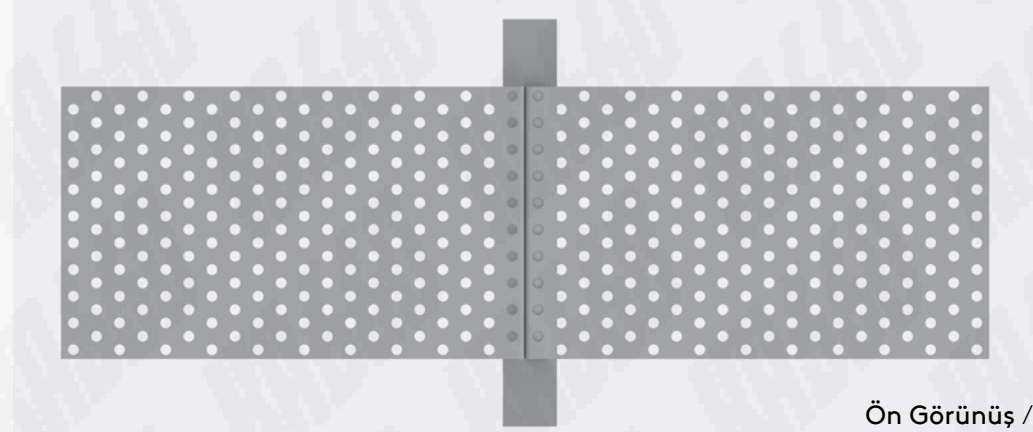
\* The dimensions of the frame section vary according to the perforated metal perforation diameter, open area ratio, thickness and the panel size. The illustrations indicate standard frame section and bending dimensions.

K\_Sc1\_P

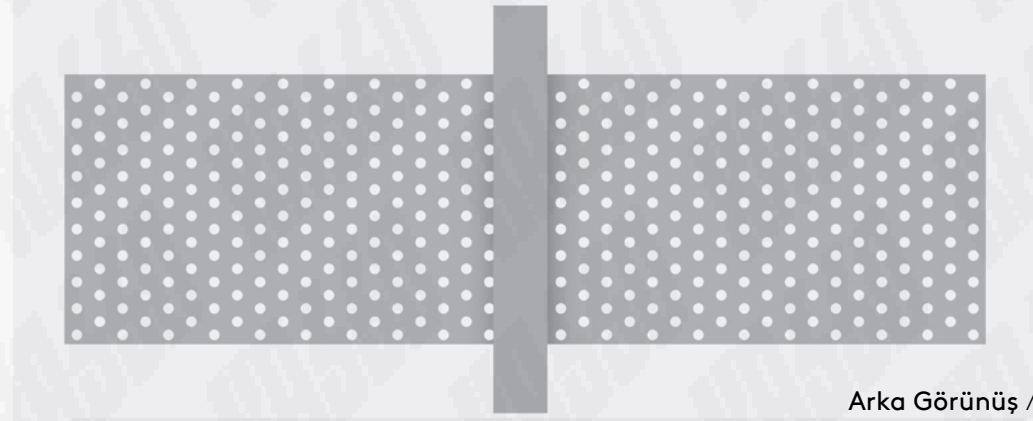


K\_Sc1\_P

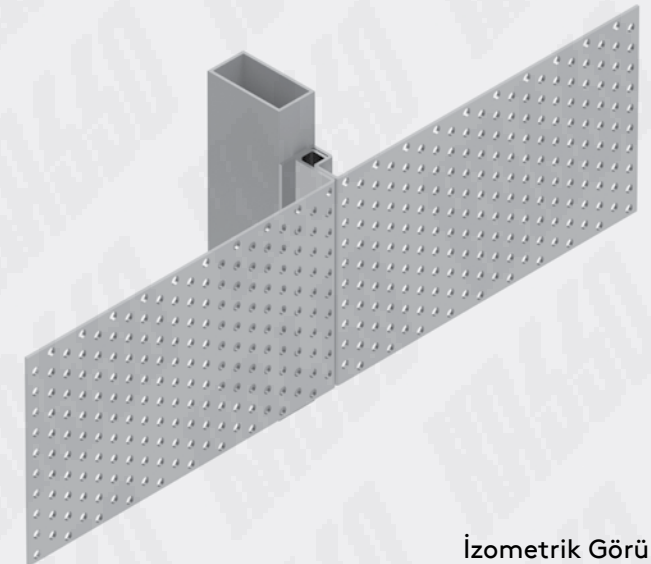
| Büküm Tipi<br>Fold Type                                                                  | Panel                                                                               |
|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <br>K |  |



Ön Görünüş / Front View



Arka Görünüş / Back View



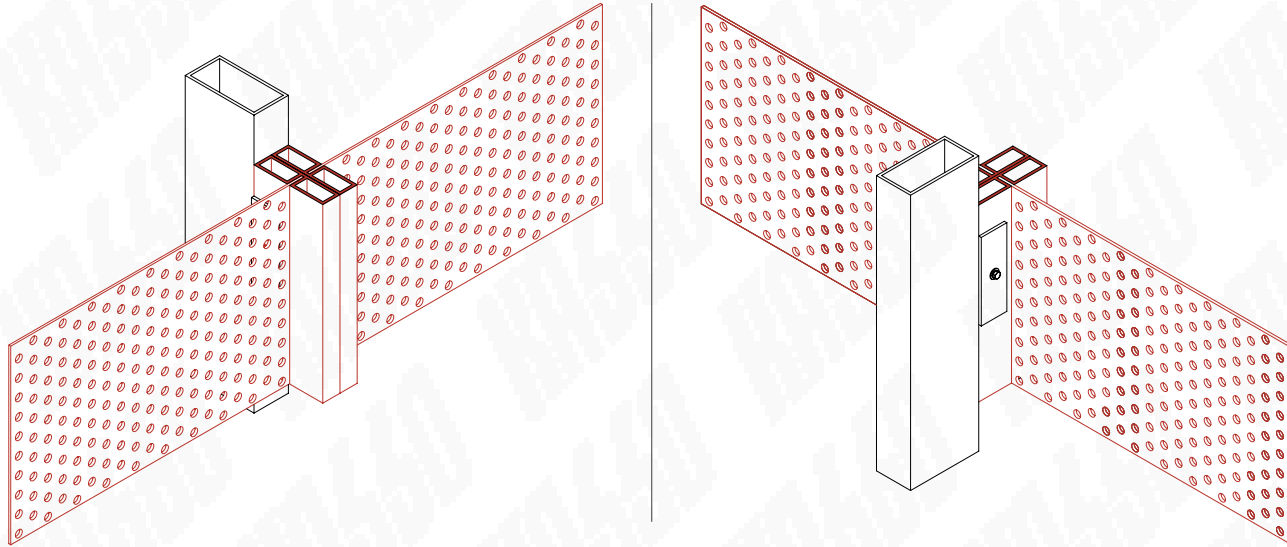
İzometrik Görünüş / Isometric View

\* Çerçeve kesit ölçüleri ve büküm detayları, delikli metalin delik çapı, boşluk oranı, kalınlık ölçüsü ve panel boyutuna bağlı olarak değişiklik göstermektedir. Çizimlerde standart çerçeve kesit ve büküm ölçüleri verilmiştir.

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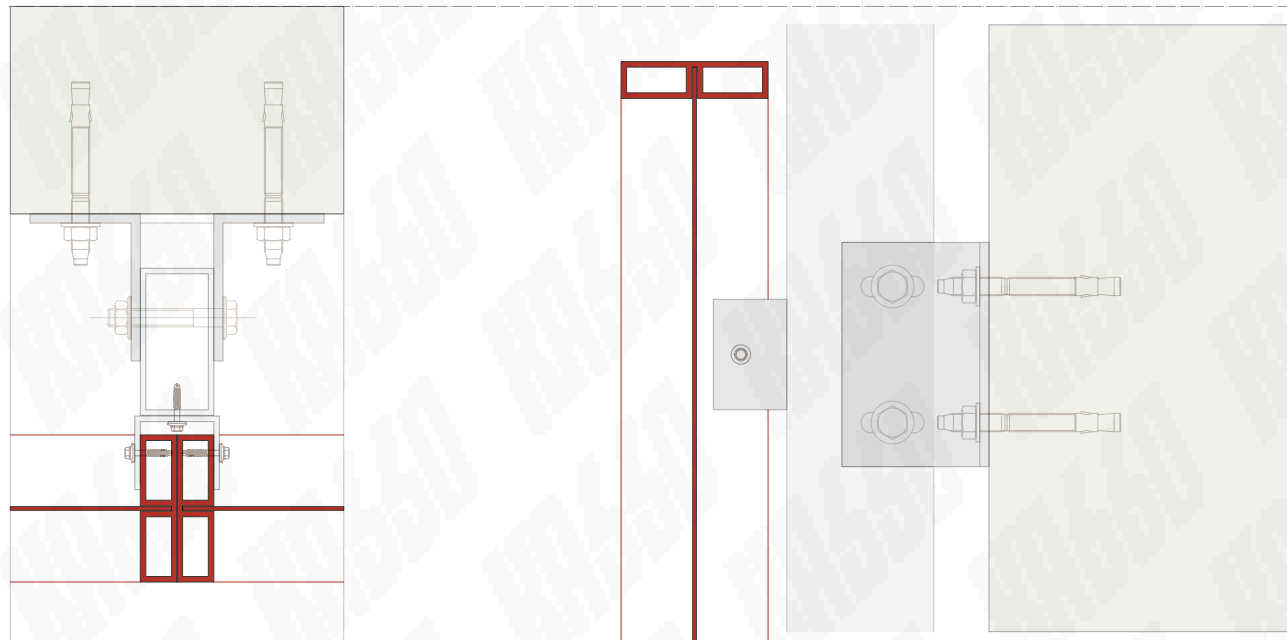
## EB\_Sc1\_P

| Çerçeve Tipi<br>Frame Type                                                                  | Panel                                                                              |
|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
|  <p>EB</p> |  |



İzometrik Ön Görünüş / Isometric Front View

İzometrik Arka Görünüş / Isometric Back View



Plan

Kesit / Section

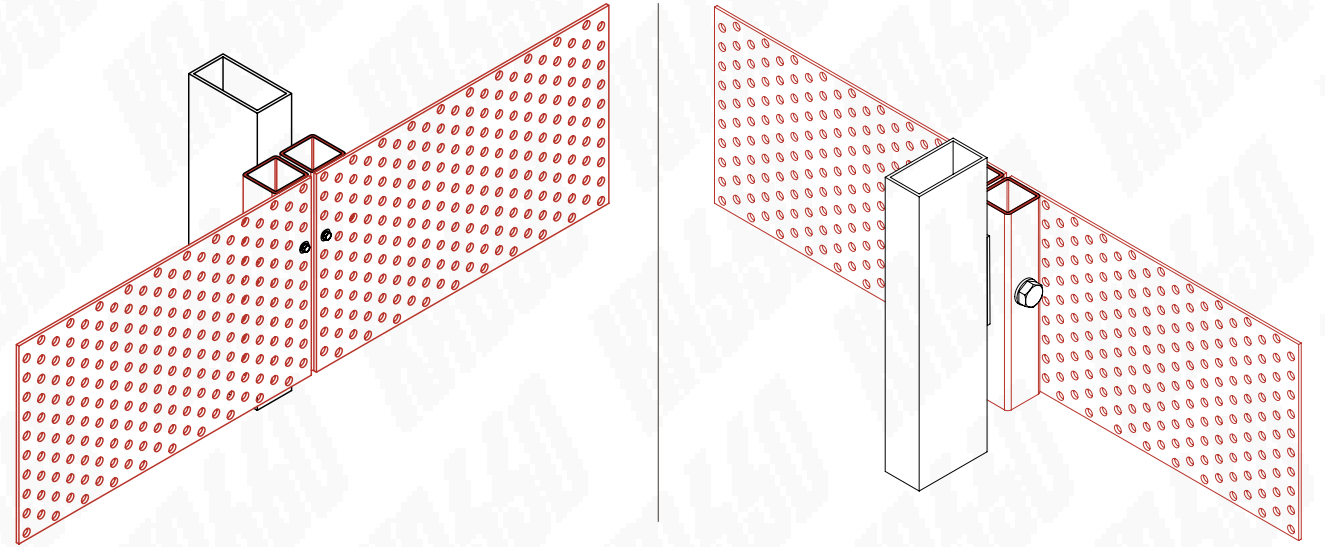
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\* The dimensions of the frame section vary according to the perforated metal perforation diameter, open area ratio, thickness and the panel size. The illustrations indicate standard frame section and bending dimensions.

## EK\_A\_Sc1\_P

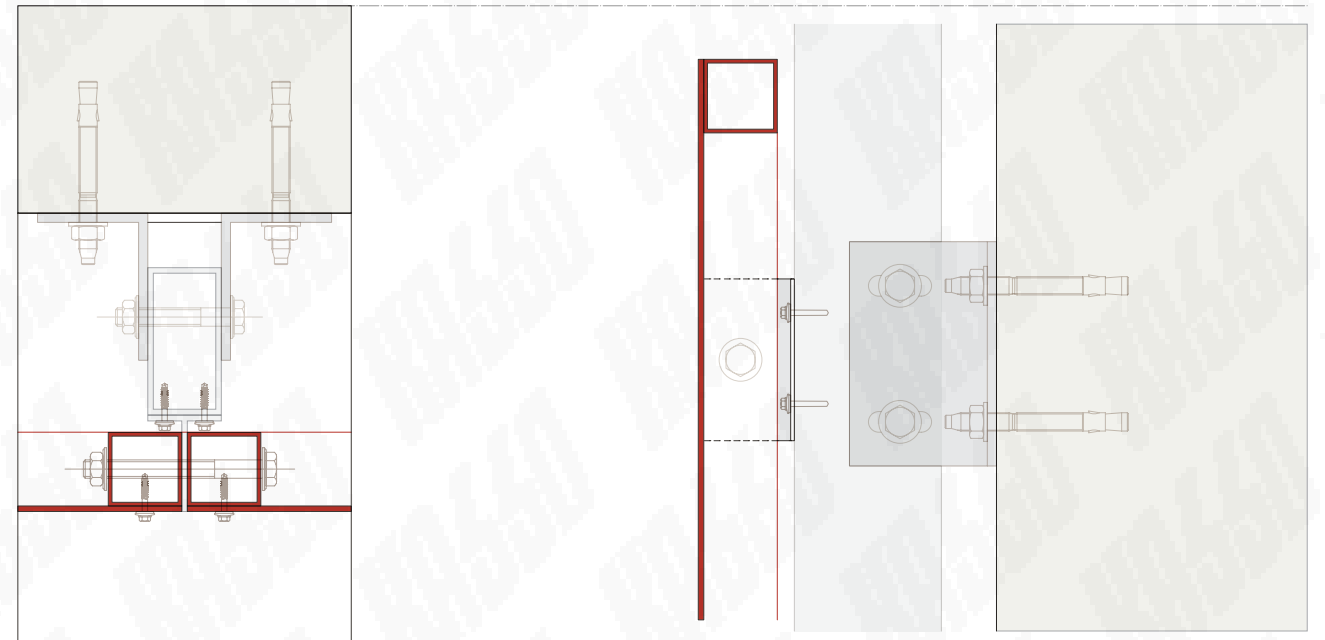
| Çerçeve Tipi<br>Frame Type                                                                    | Panel                                                                               |
|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  <p>EK</p> |  |

Detay Tipi A / Detail Type A



İzometrik Ön Görünüş / Isometric Front View

İzometrik Arka Görünüş / Isometric Back View



Plan

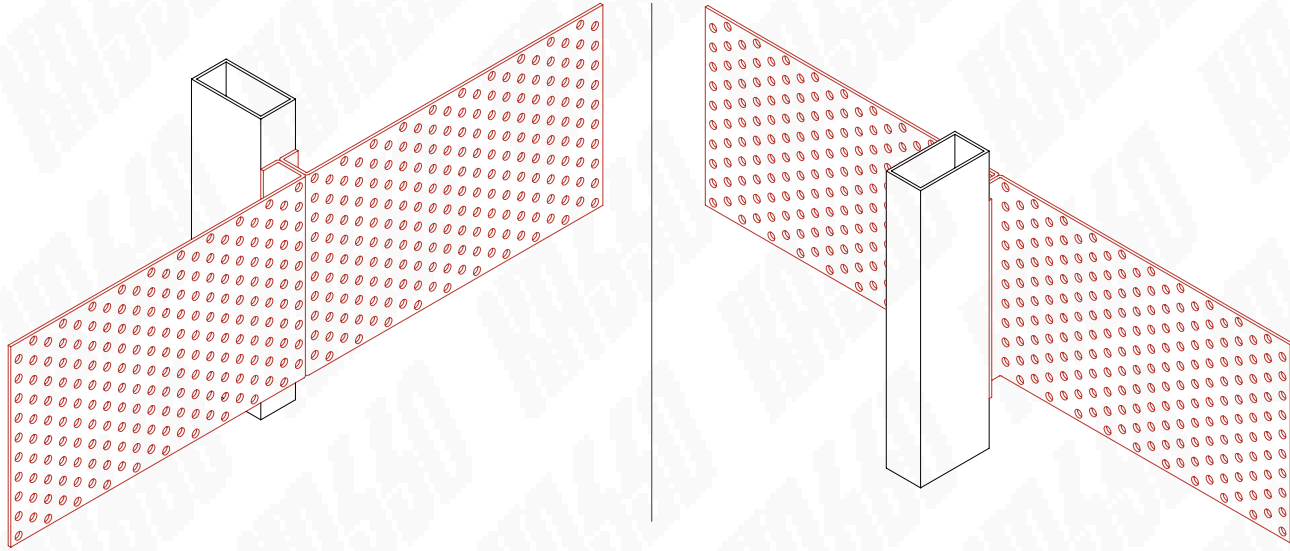
Kesit / Section

\* Çerçeve kesit ölçüleri ve büküm detayları, delikli metalin delik çapı, boşluk oranı, kalınlık ölçüsü ve panel boyutuna bağlı olarak değişiklik göstermektedir. Çizimlerde standart çerçeve kesit ve büküm ölçüleri verilmiştir.

\* The dimensions of the frame section vary according to the perforated metal perforation diameter, open area ratio, thickness and the panel size. The illustrations indicate standard frame section and bending dimensions.

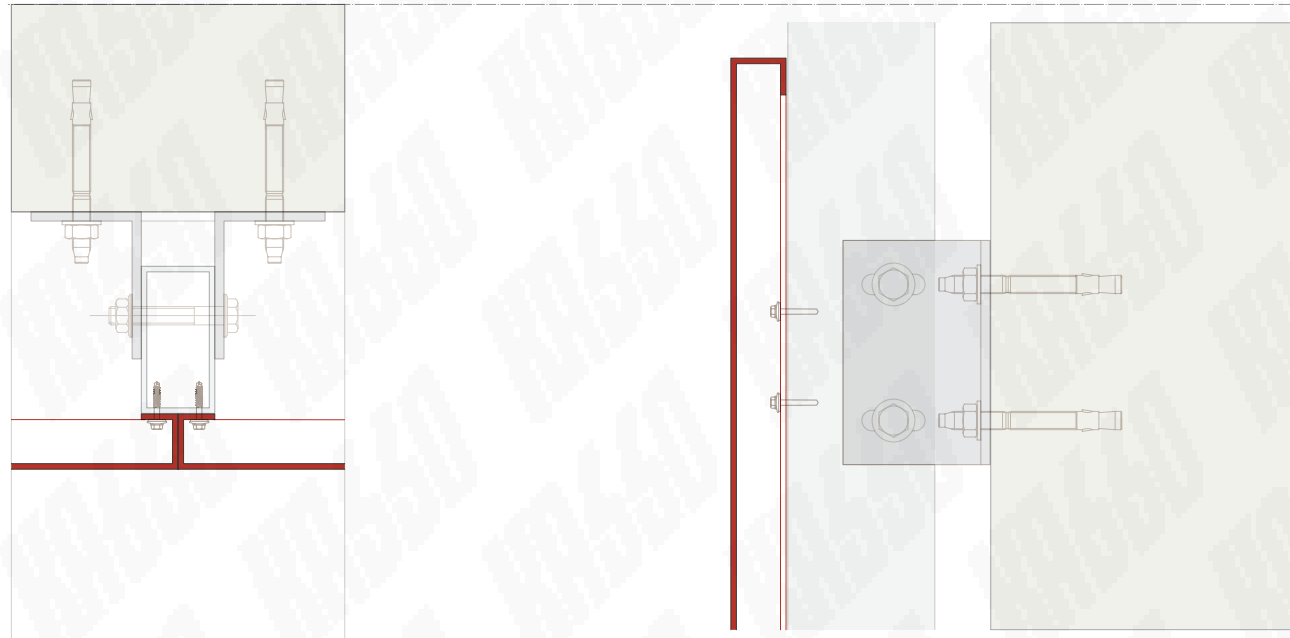
## CB\_Sc1\_P

| Büküm Tipi<br>Fold Type                                                                     | Panel                                                                              |
|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
|  <p>CB</p> |  |



İzometrik Ön Görünüş / Isometric Front View

İzometrik Arka Görünüş / Isometric Back View



Plan

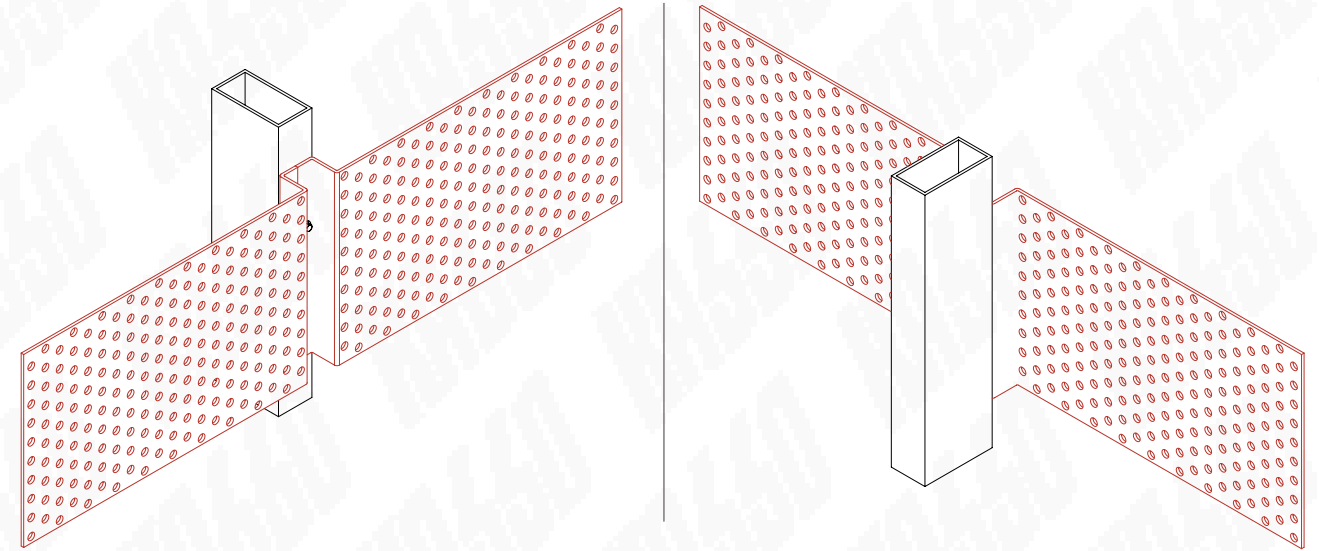
Kesit / Section

\* Çerçeve kesit ölçüleri ve büküm detayları, delikli metalin delik çapı, boşluk oranı, kalınlık ölçüsü ve panel boyutuna bağlı olarak değişiklik göstermektedir. Çizimlerde standart çerçeve kesit ve büküm ölçüleri verilmiştir.

\* The dimensions of the frame section vary according to the perforated metal perforation diameter, open area ratio, thickness and the panel size. The illustrations indicate standard frame section and bending dimensions.

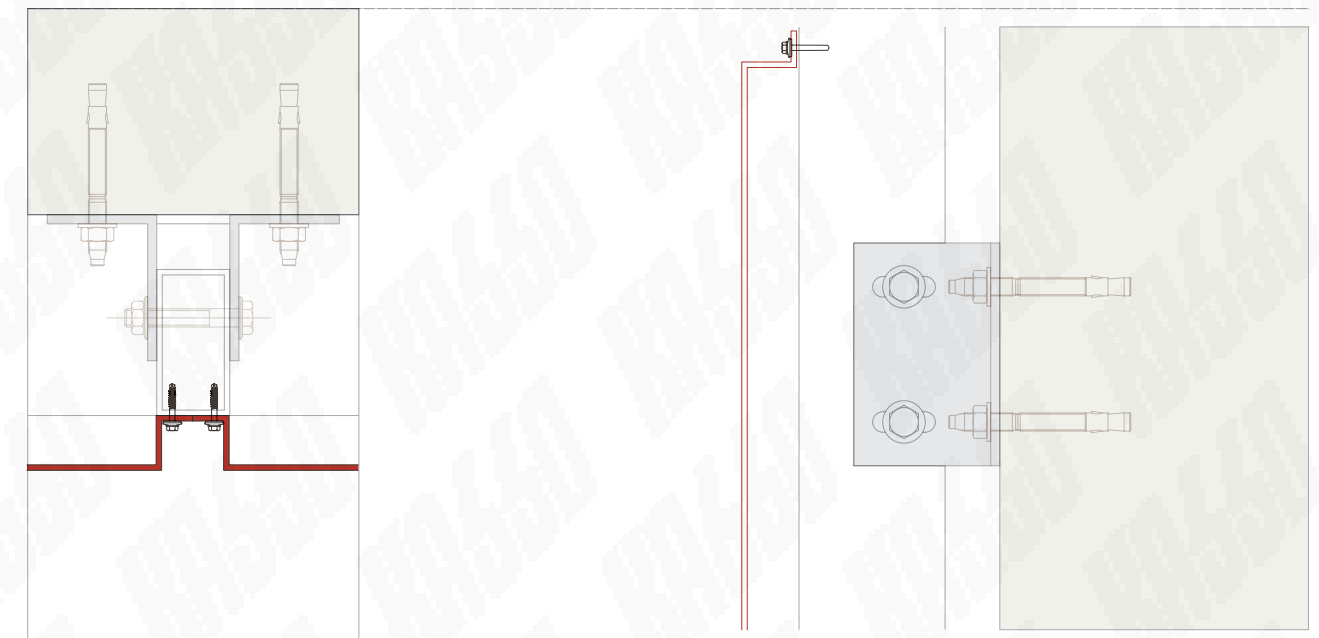
## CB2\_Sc1\_P

| Büküm Tipi<br>Fold Type                                                                        | Panel                                                                               |
|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  <p>CB2</p> |  |



İzometrik Ön Görünüş / Isometric Front View

İzometrik Arka Görünüş / Isometric Back View



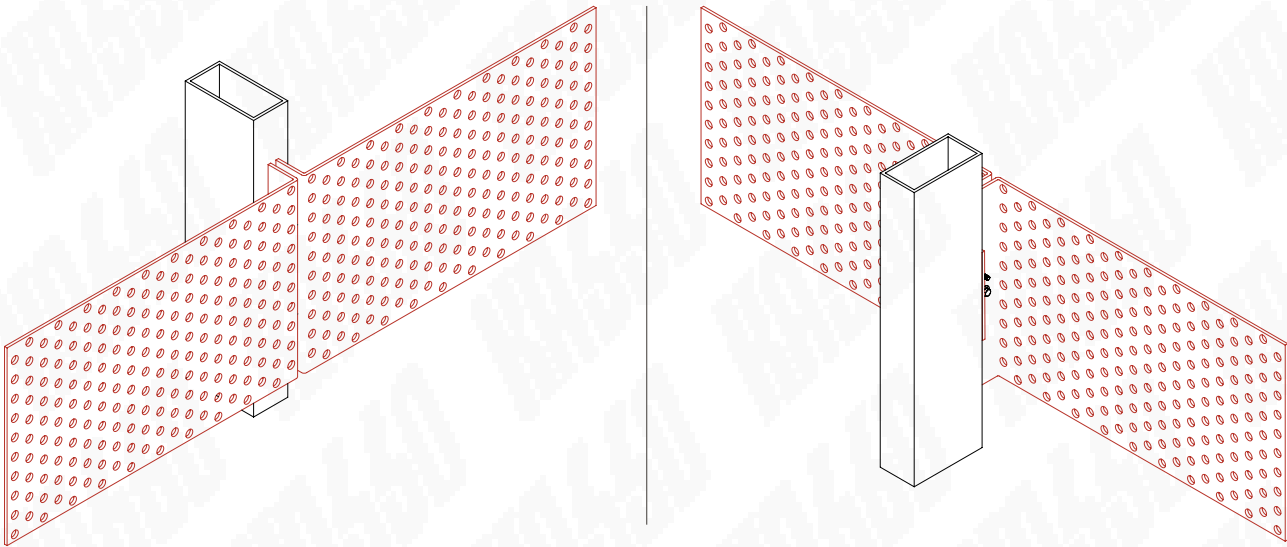
Plan

Kesit / Section

\* Çerçeve kesit ölçüleri ve büküm detayları, delikli metalin delik çapı, boşluk oranı, kalınlık ölçüsü ve panel boyutuna bağlı olarak değişiklik göstermektedir. Çizimlerde standart çerçeve kesit ve büküm ölçüleri verilmiştir.

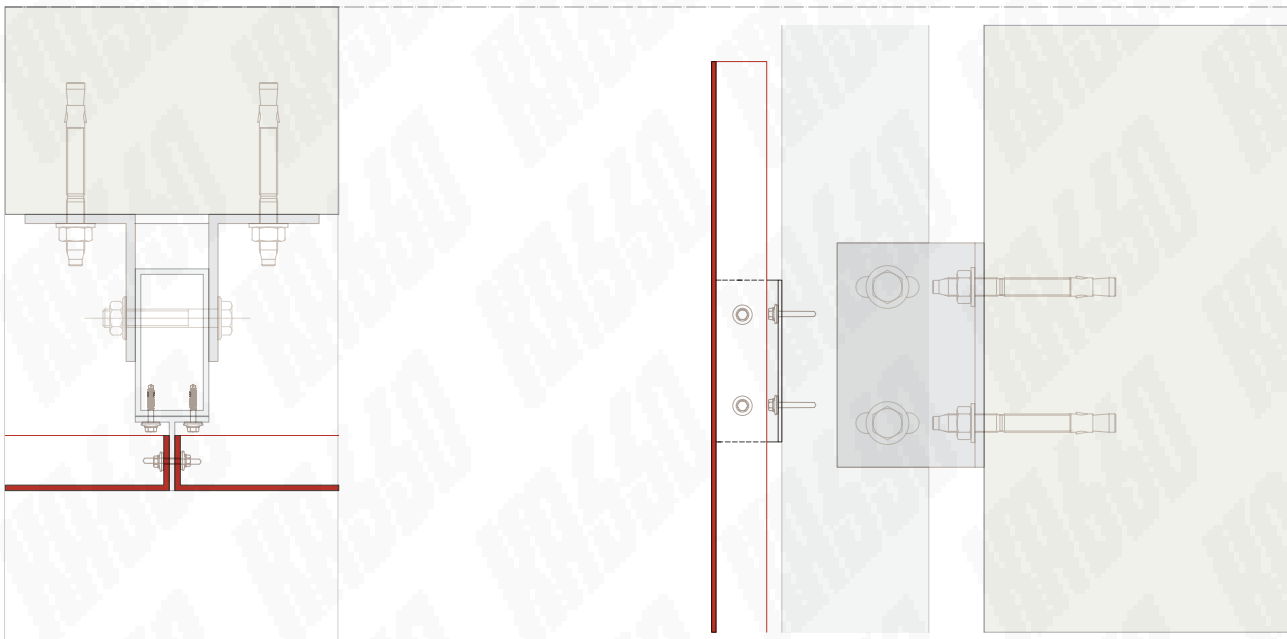
\* The dimensions of the frame section vary according to the perforated metal perforation diameter, open area ratio, thickness and the panel size. The illustrations indicate standard frame section and bending dimensions.

| TB_Sc1_P                                                                                    |                                                                                    |
|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Büküm Tipi<br>Fold Type                                                                     | Panel                                                                              |
|  <p>TB</p> |  |



İzometrik Ön Görünüş / Isometric Front View

İzometrik Arka Görünüş / Isometric Back View



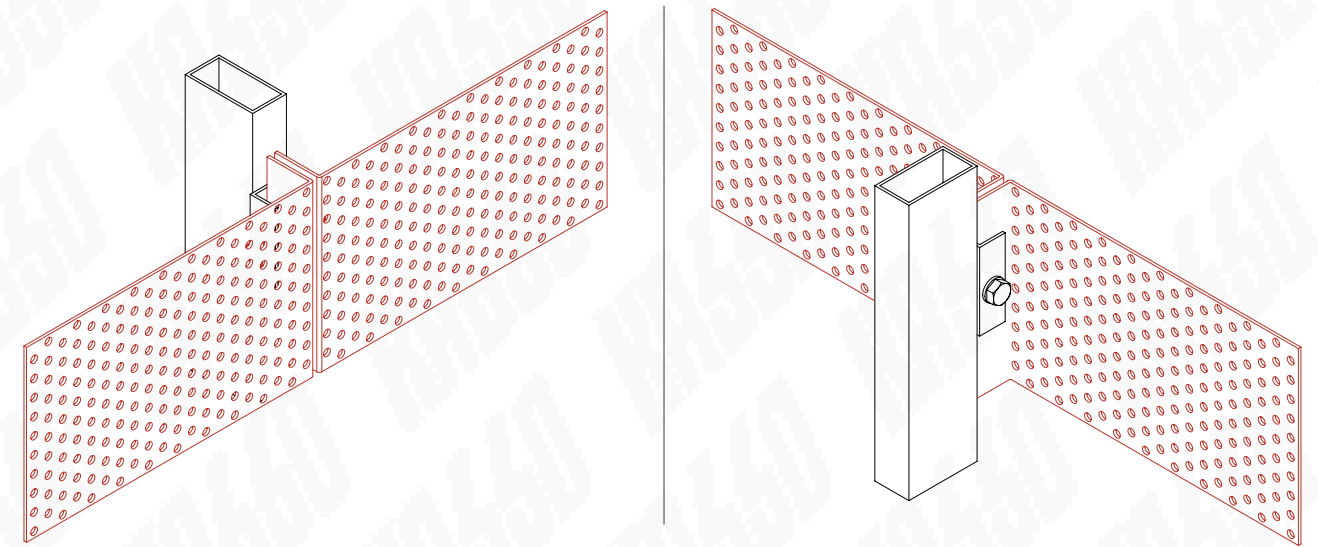
Plan

Kesit / Section

\* Çerçeve kesit ölçüleri ve büküm detayları, delikli metalin delik çapı, boşluk oranı, kalınlık ölçüsü ve panel boyutuna bağlı olarak değişiklik göstermektedir. Çizimlerde standart çerçeve kesit ve büküm ölçüleri verilmiştir.

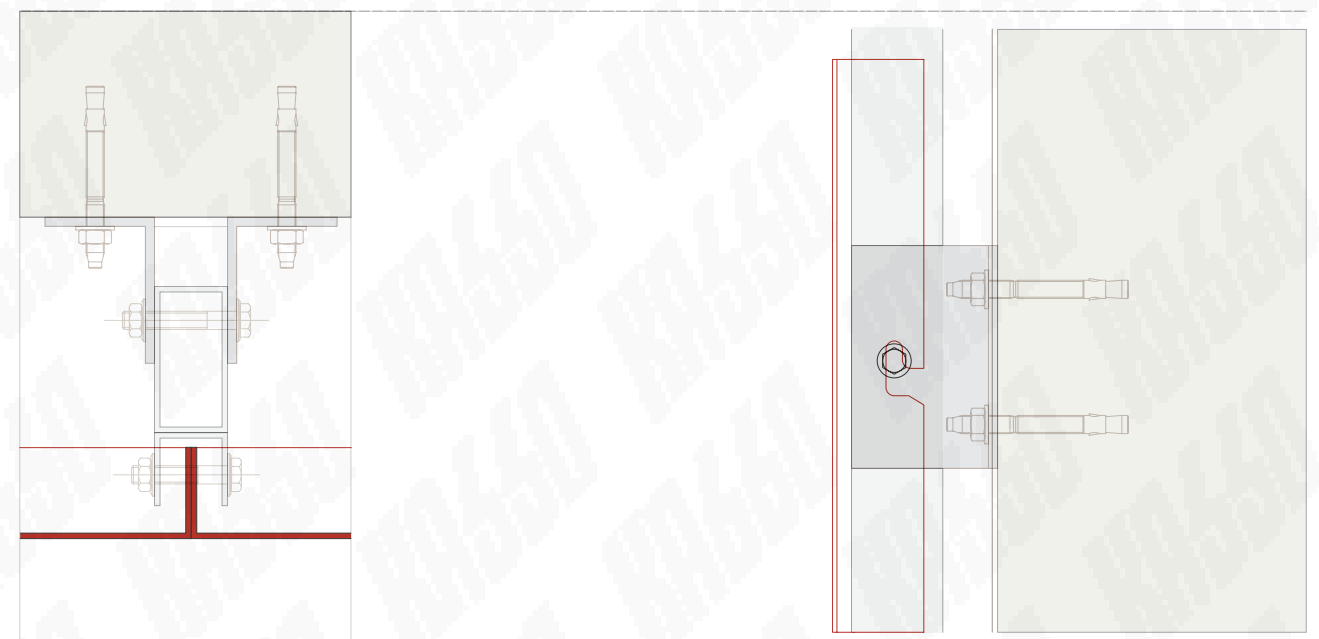
\* The dimensions of the frame section vary according to the perforated metal perforation diameter, open area ratio, thickness and the panel size. The illustrations indicate standard frame section and bending dimensions.

| AG_Sc1_P                                                                                      |                                                                                     |
|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Büküm Tipi<br>Fold Type                                                                       | Panel                                                                               |
|  <p>AG</p> |  |



İzometrik Ön Görünüş / Isometric Front View

İzometrik Arka Görünüş / Isometric Back View



Plan

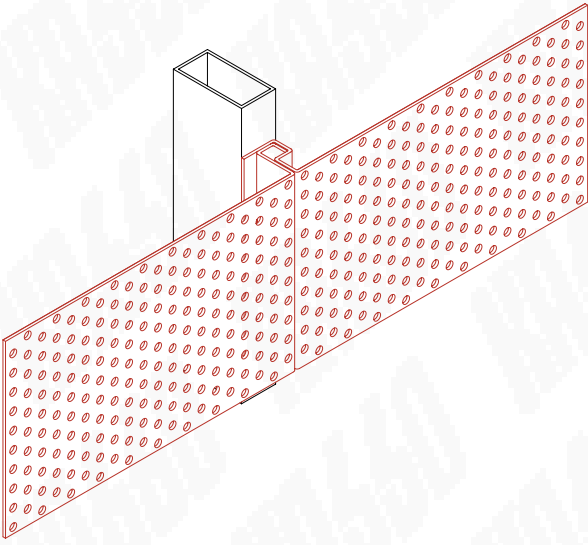
Kesit / Section

\* Çerçeve kesit ölçüleri ve büküm detayları, delikli metalin delik çapı, boşluk oranı, kalınlık ölçüsü ve panel boyutuna bağlı olarak değişiklik göstermektedir. Çizimlerde standart çerçeve kesit ve büküm ölçüleri verilmiştir.

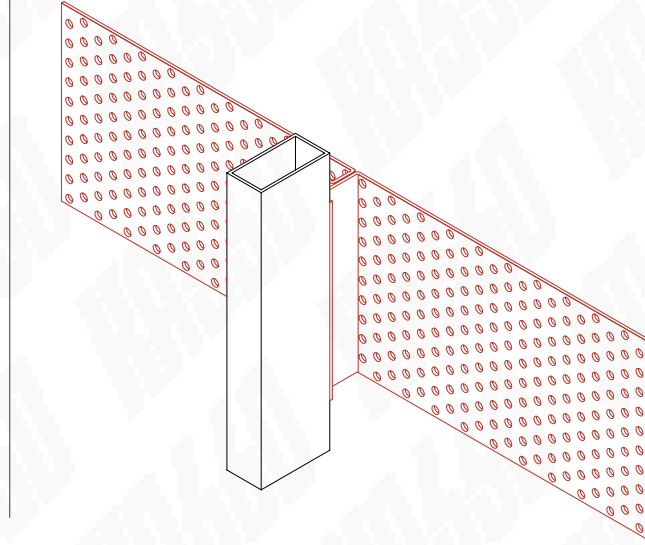
\* The dimensions of the frame section vary according to the perforated metal perforation diameter, open area ratio, thickness and the panel size. The illustrations indicate standard frame section and bending dimensions.

K\_Sc1\_P

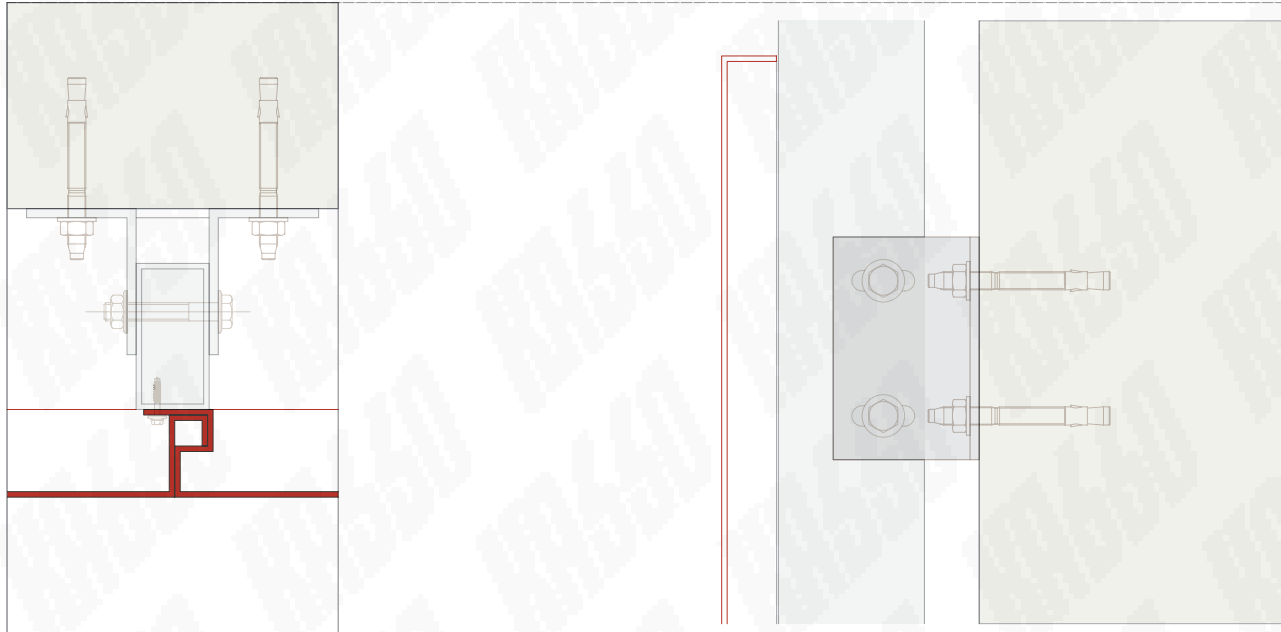
| Büküm Tipi<br>Fold Type                                                                | Panel                                                                              |
|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| <br>K |  |



İzometrik Ön Görünüş / Isometric Front View



İzometrik Arka Görünüş / Isometric Back View



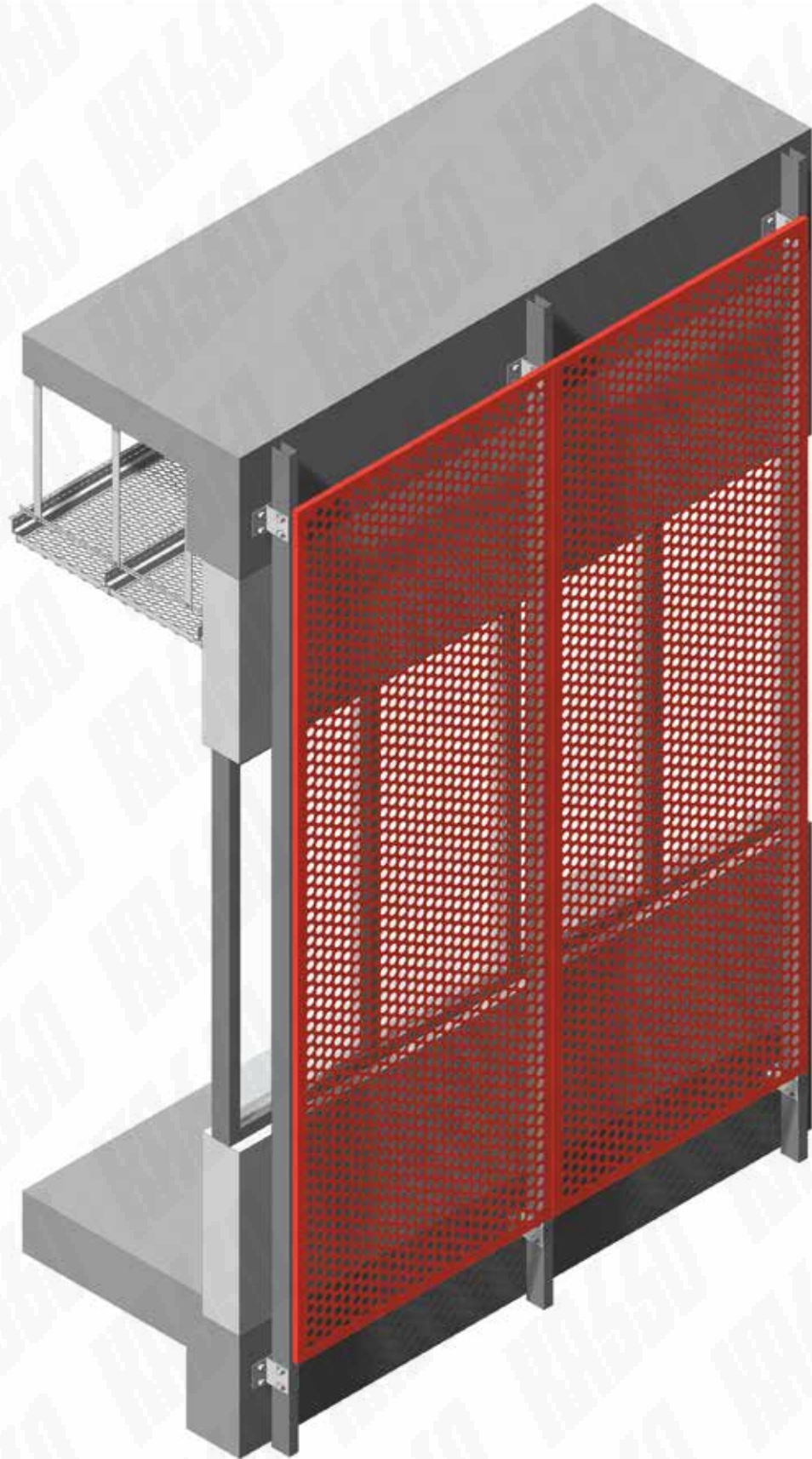
Plan

Kesit / Section

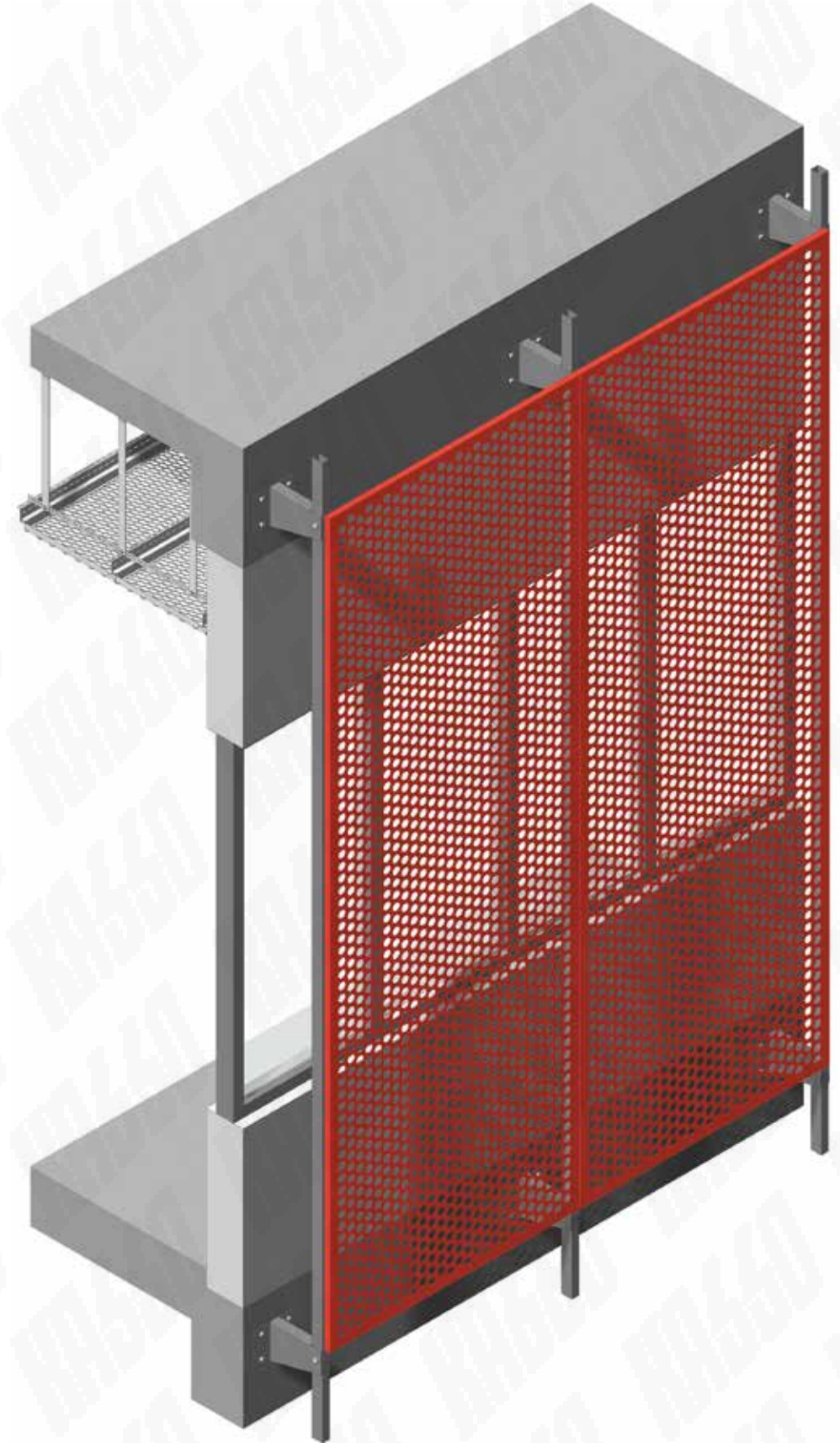
\* Çerçeve kesit ölçüleri ve büküm detayları, delikli metalin delik çapı, boşluk oranı, kalınlık ölçüsü ve panel boyutuna bağlı olarak değişkenlik göstermektedir. Çizimlerde standart çerçeve kesit ve büküm ölçüleri verilmiştir.  
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Raif Dinçkök Kültür Merkezi  
Raif Dinçkök Cultural Center  
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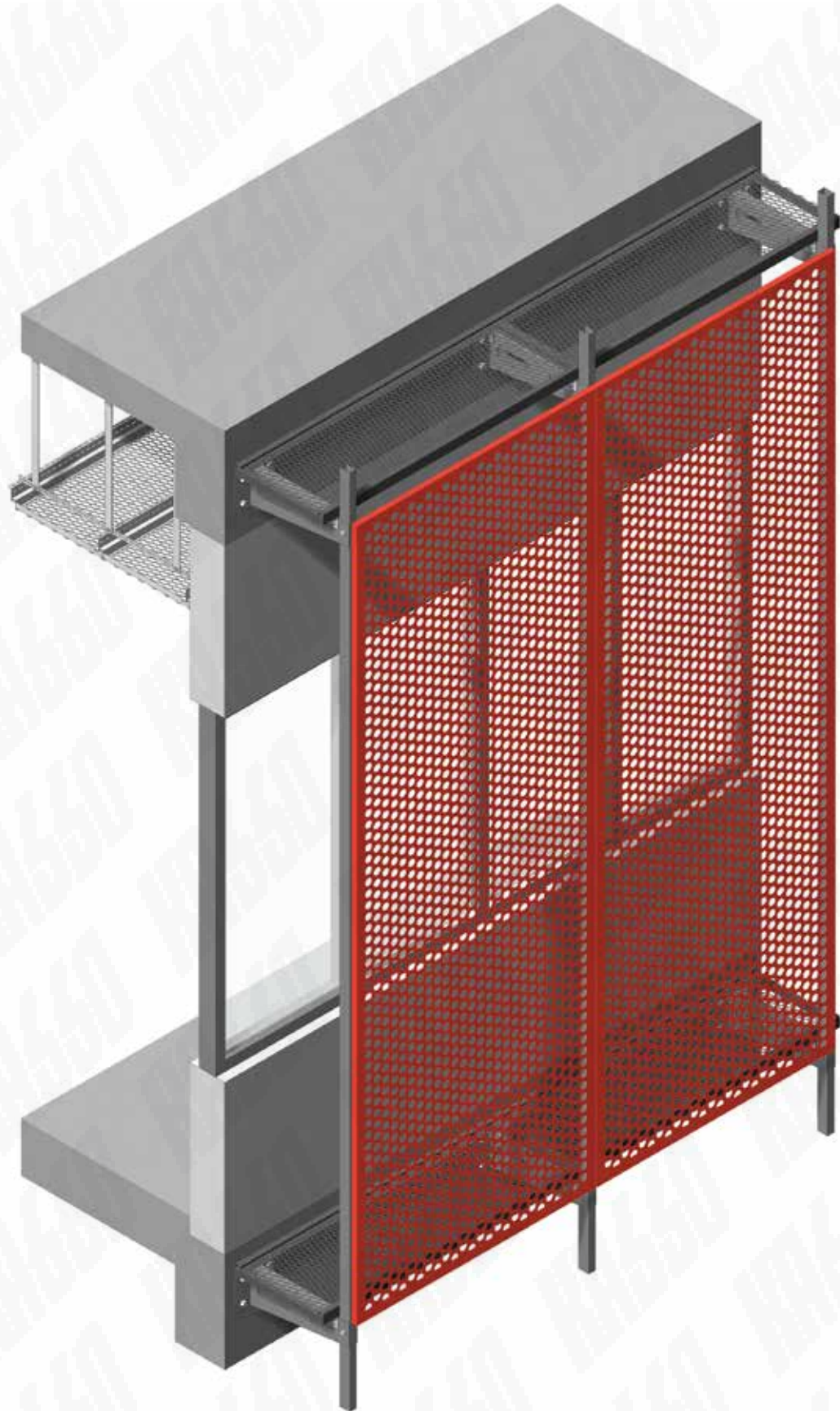
Sc1\_P



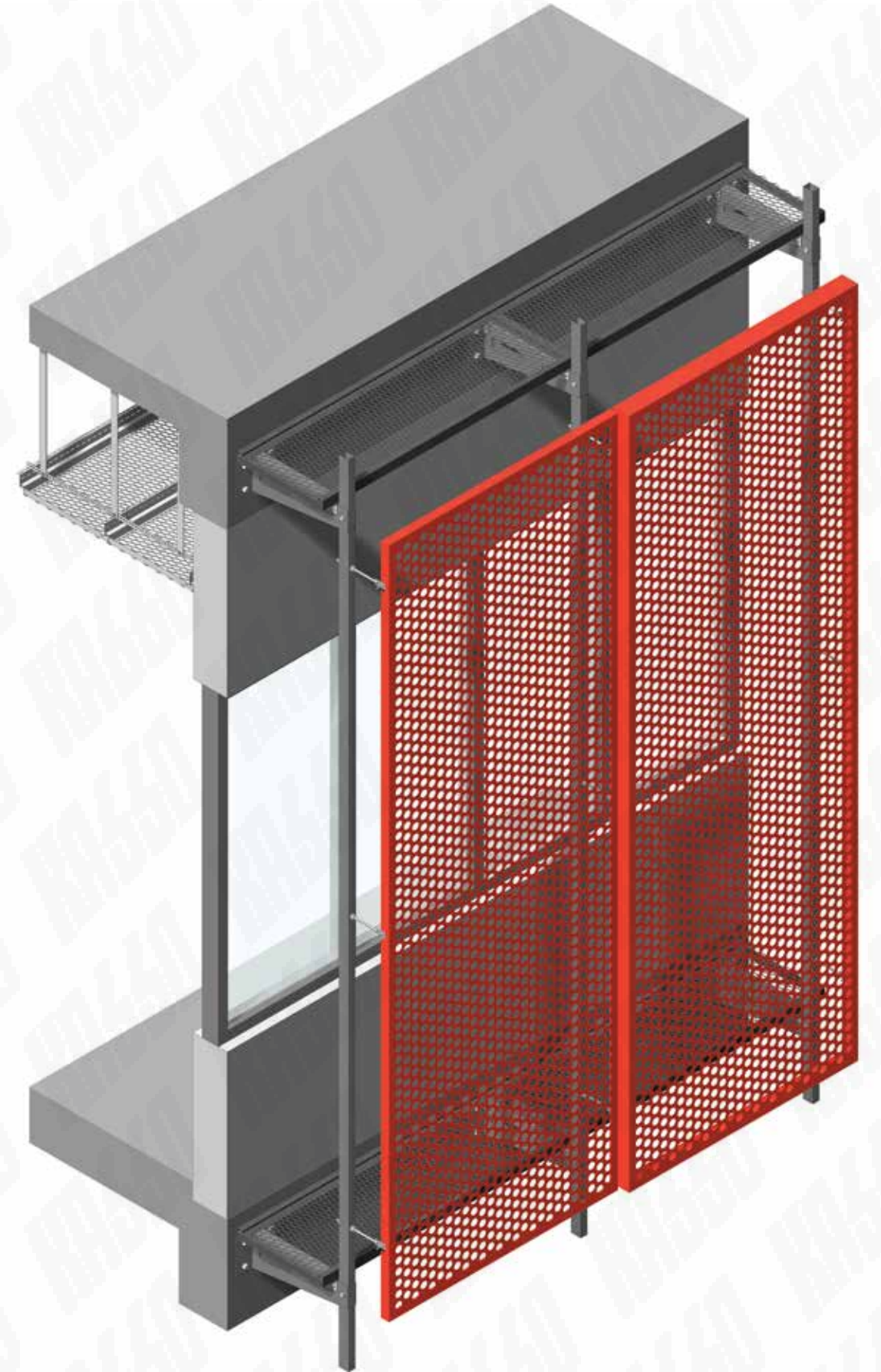
Sc2\_P



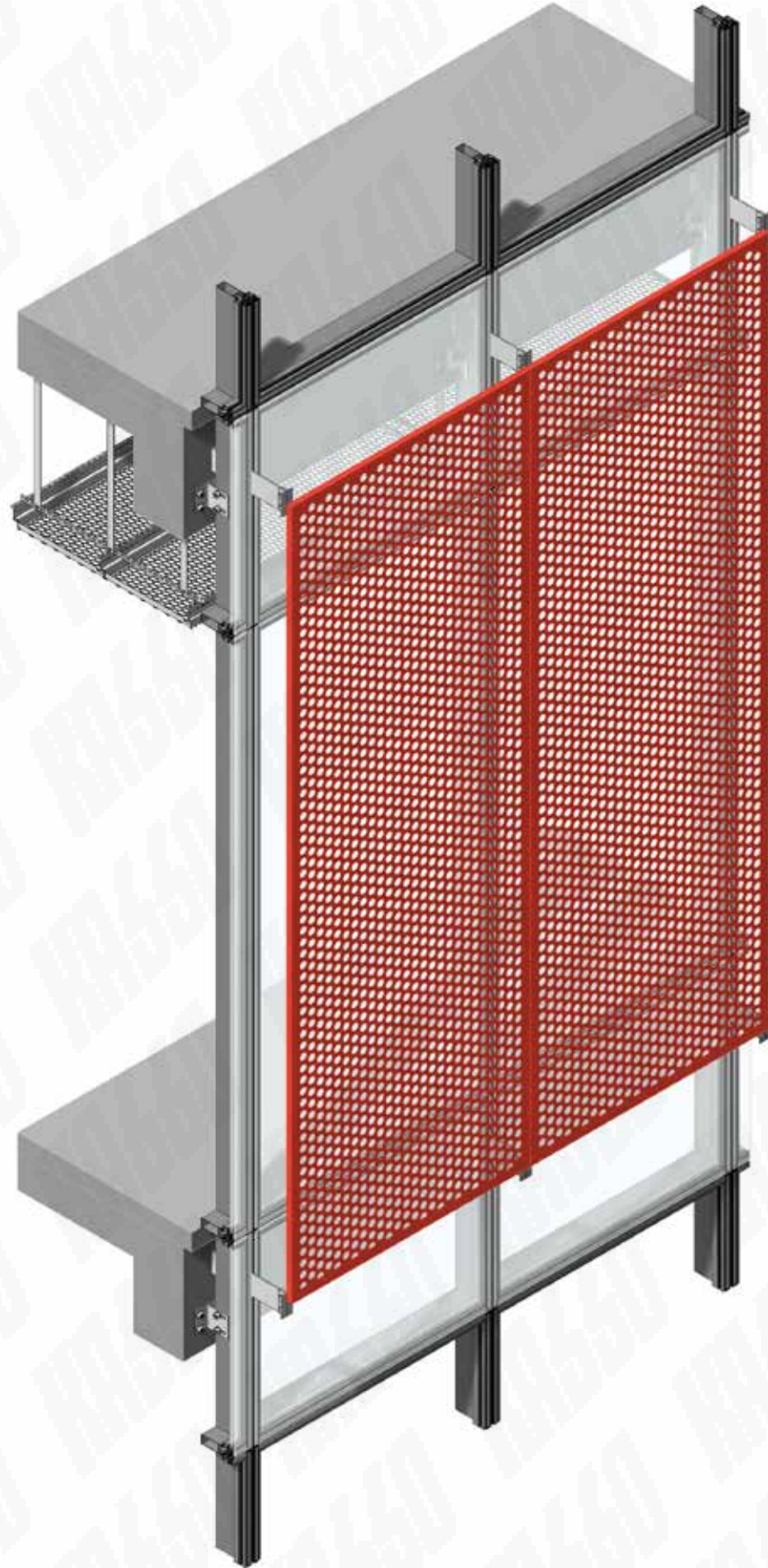
Sc3\_P



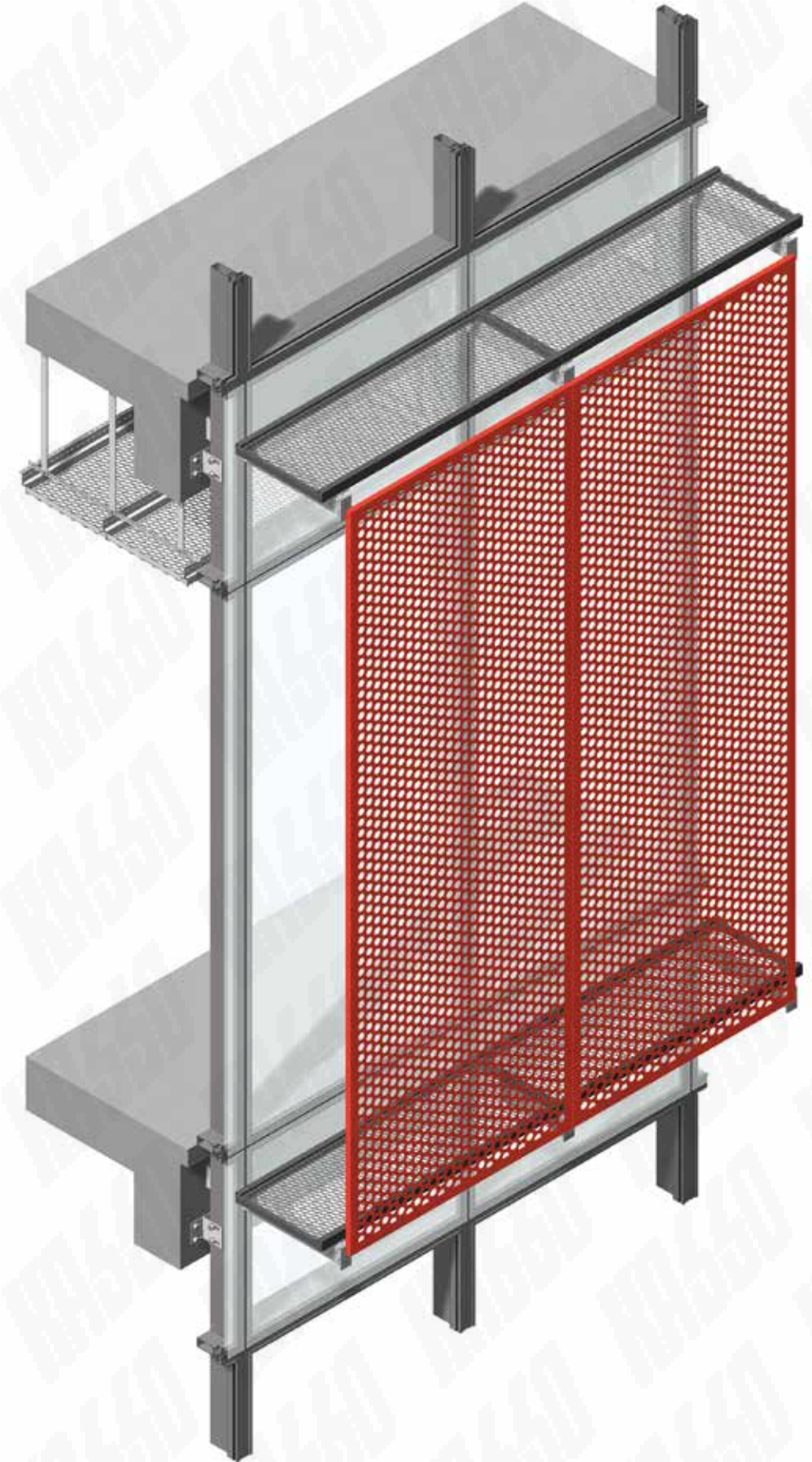
Sc4\_P



Sc5\_P



Sc6\_P





Greyder Ayakkabı Fabrikası  
Greyder Shoe Factory  
Mimar / Architect: Çırakoğlu Architecture



Mermerler Plaza  
İstanbul, Türkiye  
Mimar / Architect: Ergun Architecture



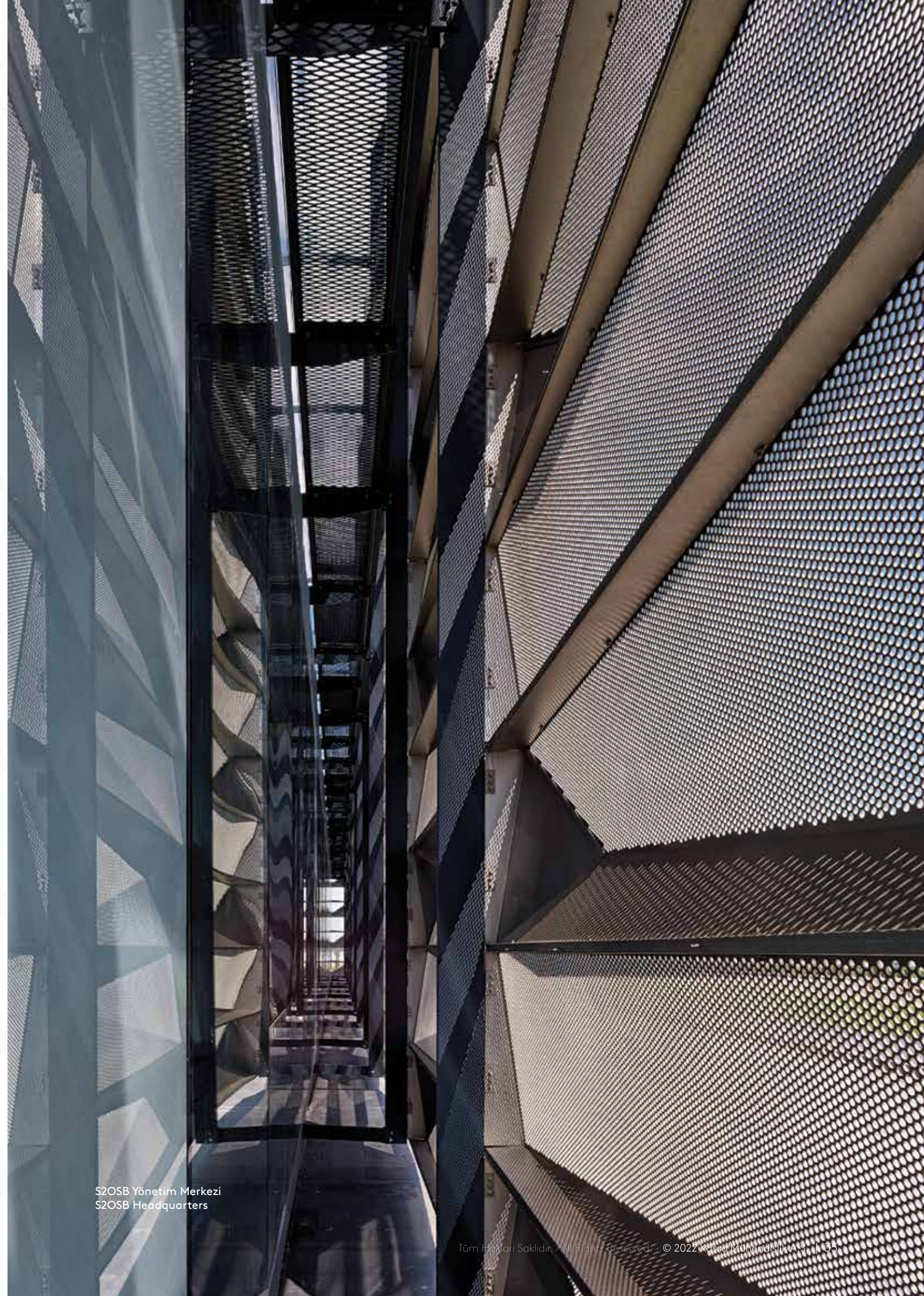
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Mimar / Architect: BINAA | Building Innovation Arts Architecture



Watergarden İstanbul AVM  
Watergarden İstanbul Mall  
İstanbul, Türkiye  
Mimar / Architect: Görkem Volkan Design Studio (GVDS)



Ford Otosan Ar-Ge Merkezi  
Ford Otosan R&D Center  
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Mimar / Architect: TECE Architecture



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**KASSO MÜHENDİSLİK SAN. VE TİC. A.Ş.**  
İstanbul Anadolu Yakası OSB  
2. Sokak No: 5, 34953  
Tuzla İstanbul TR

T +90 216 593 14 85 (pbx)  
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**KASSO DIŞ TİC. LTD. ŞTİ.**  
İstanbul Anadolu Yakası OSB  
2. Sokak No: 5, 34953  
Tuzla İstanbul TR

T +90 216 593 14 86  
F +90 216 593 14 89

