

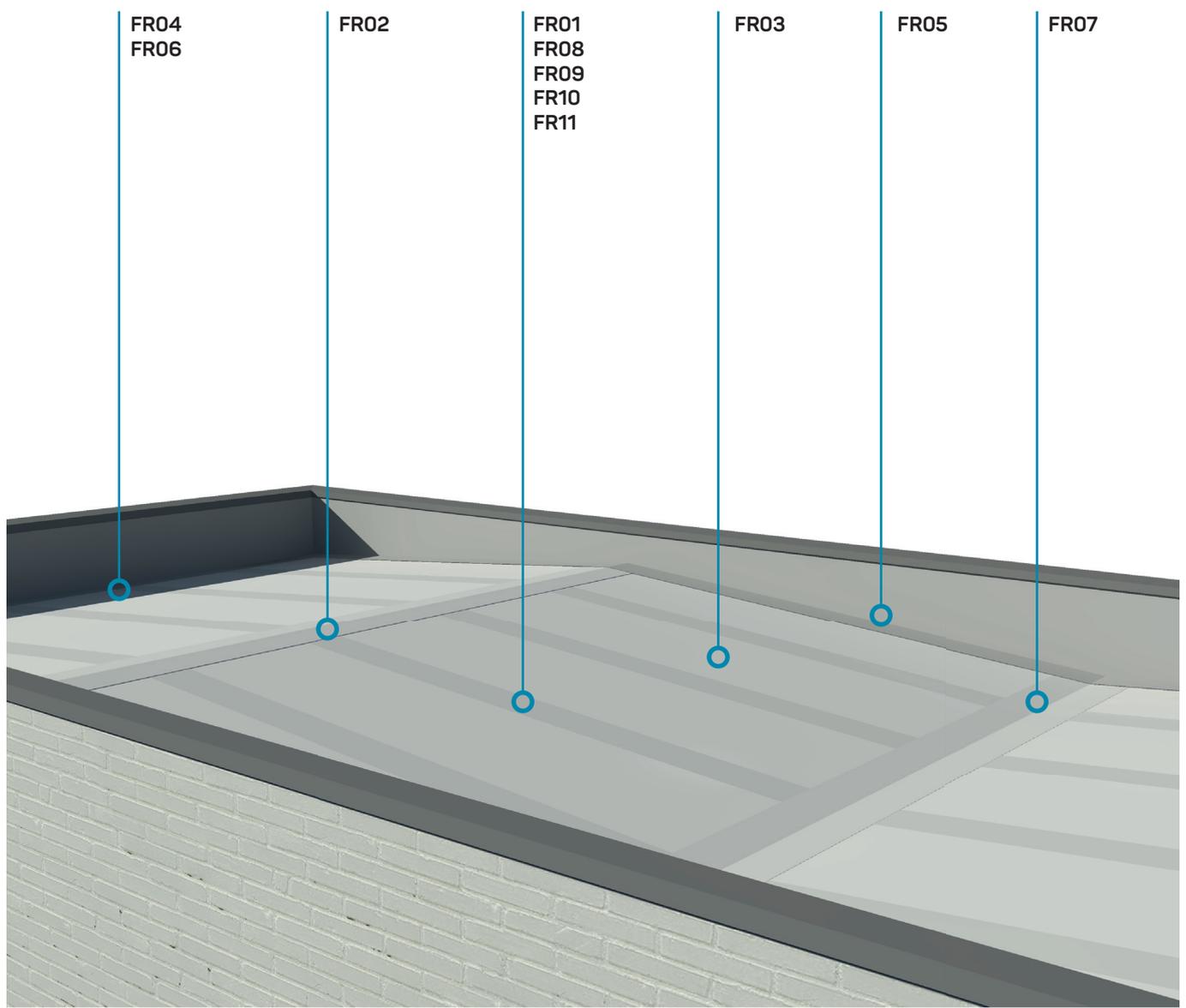
Technical Details and Assembly Drawings

# FLAT ROOF DETAILS



# Flat Roof

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FR01

# Joint detail

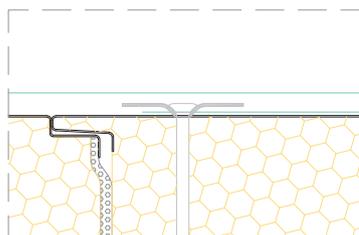
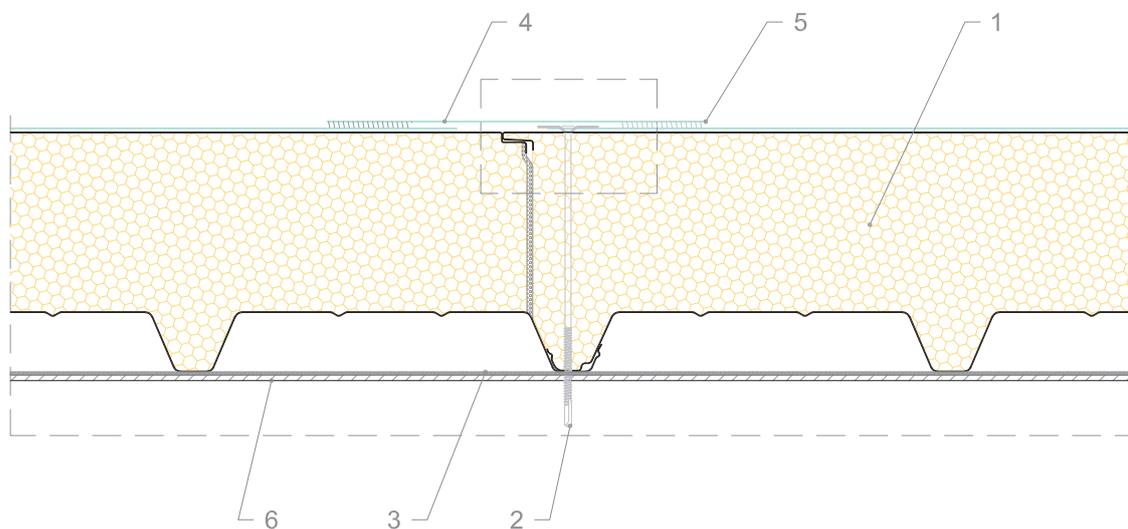


FR01

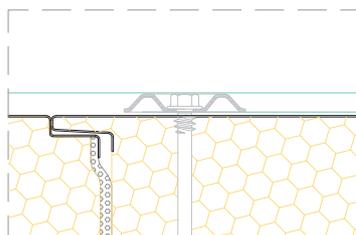
## Joint detail



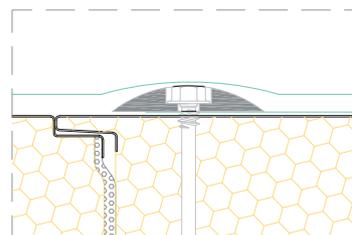
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FASTENING DETAIL  
Type 1  
 $T_s \leq 2\text{mm}$



FASTENING DETAIL  
Type 2  
 $2\text{mm} < T_s \leq 6\text{mm}$



FASTENING DETAIL  
Type 3  
 $T_s > 6\text{mm}$

**LEGEND**

1. Isopan Flat Roof sandwich panel
2. Fixing system (screw with metal or plastic cap)
3. Thermo separating tape
4. Pontage synthetic layer
5. Air welding
6. Secondary structure

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FR02

# Ridge connection - Type 1

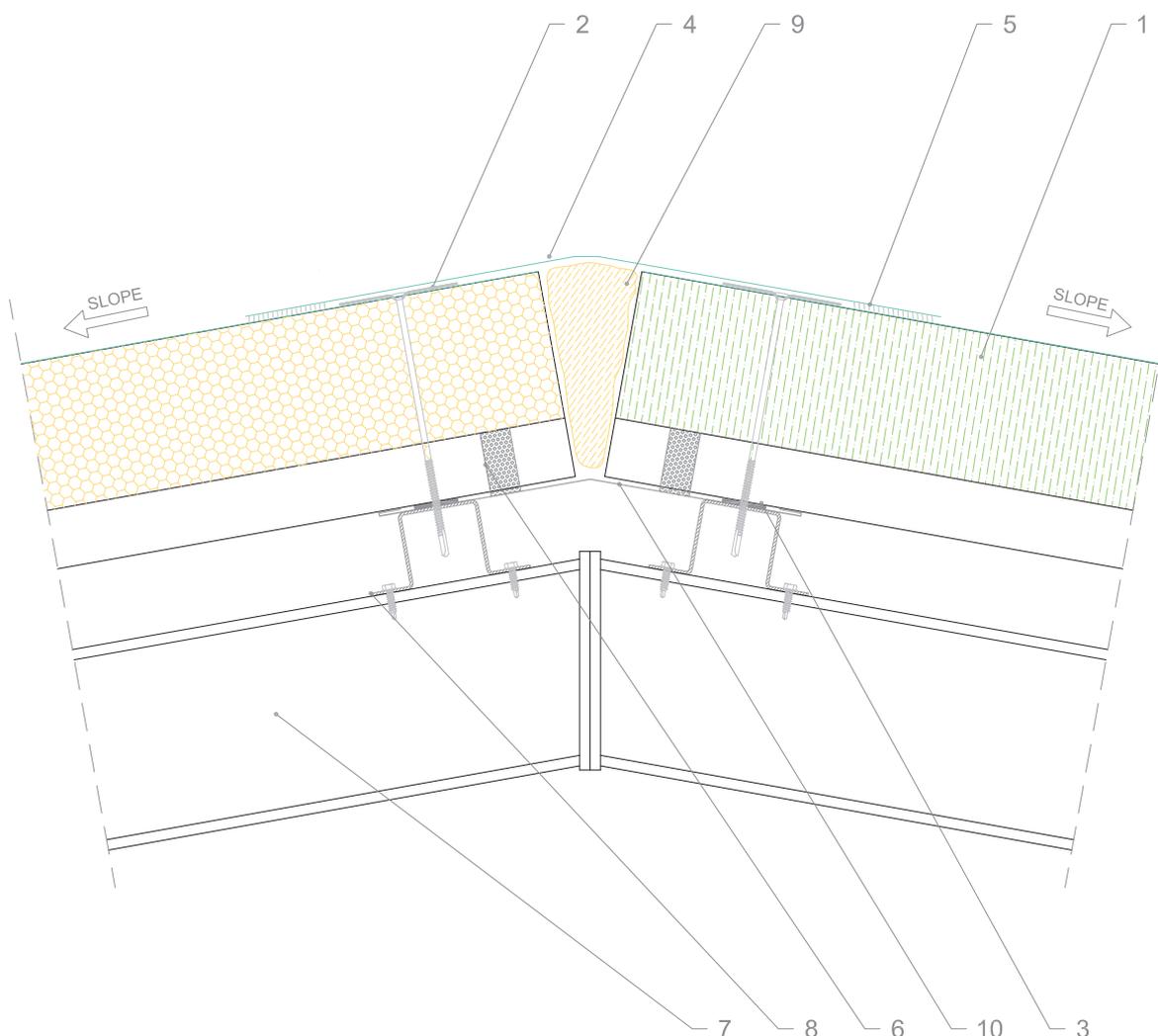


FR02

# Ridge connection - Type 1



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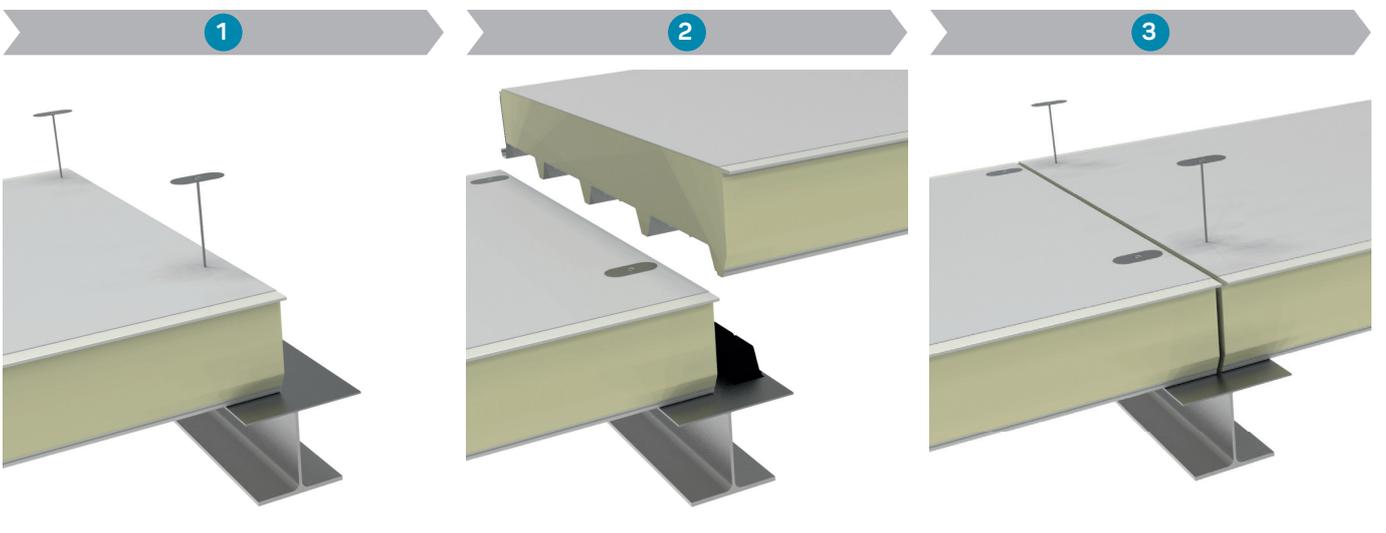
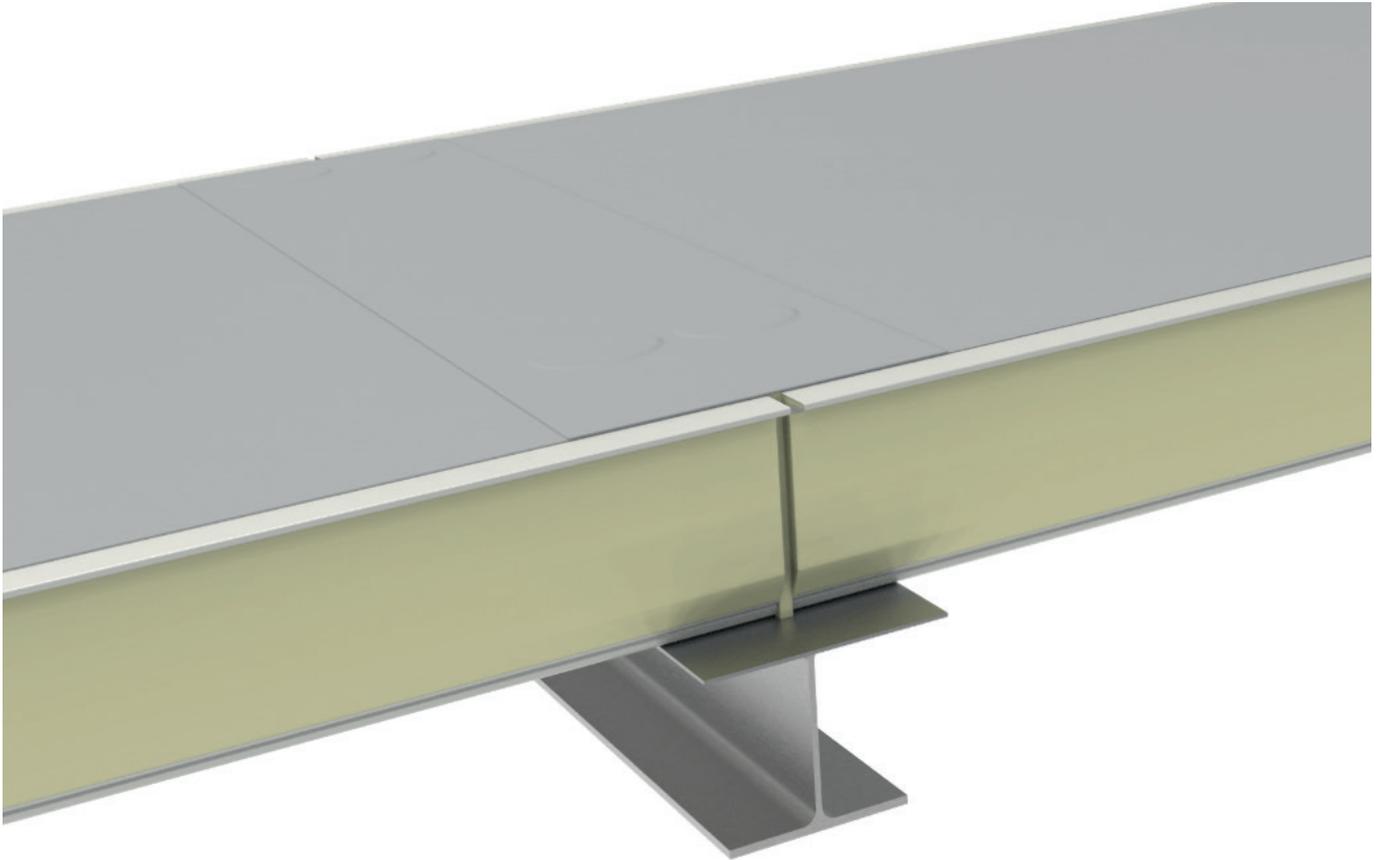
## LEGEND

1. Isopan Flat Roof sandwich panel
2. Fixing system (screw with metal or plastic cap)
3. Thermo separating tape
4. Pontage synthetic layer
5. Air welding
6. Giuntoplast Gasket
7. Primary structure
8. Secondary structure
9. On site insulating material / Mineral wool
10. Prepainted flashing

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# FR03

## Panel to panel head joint

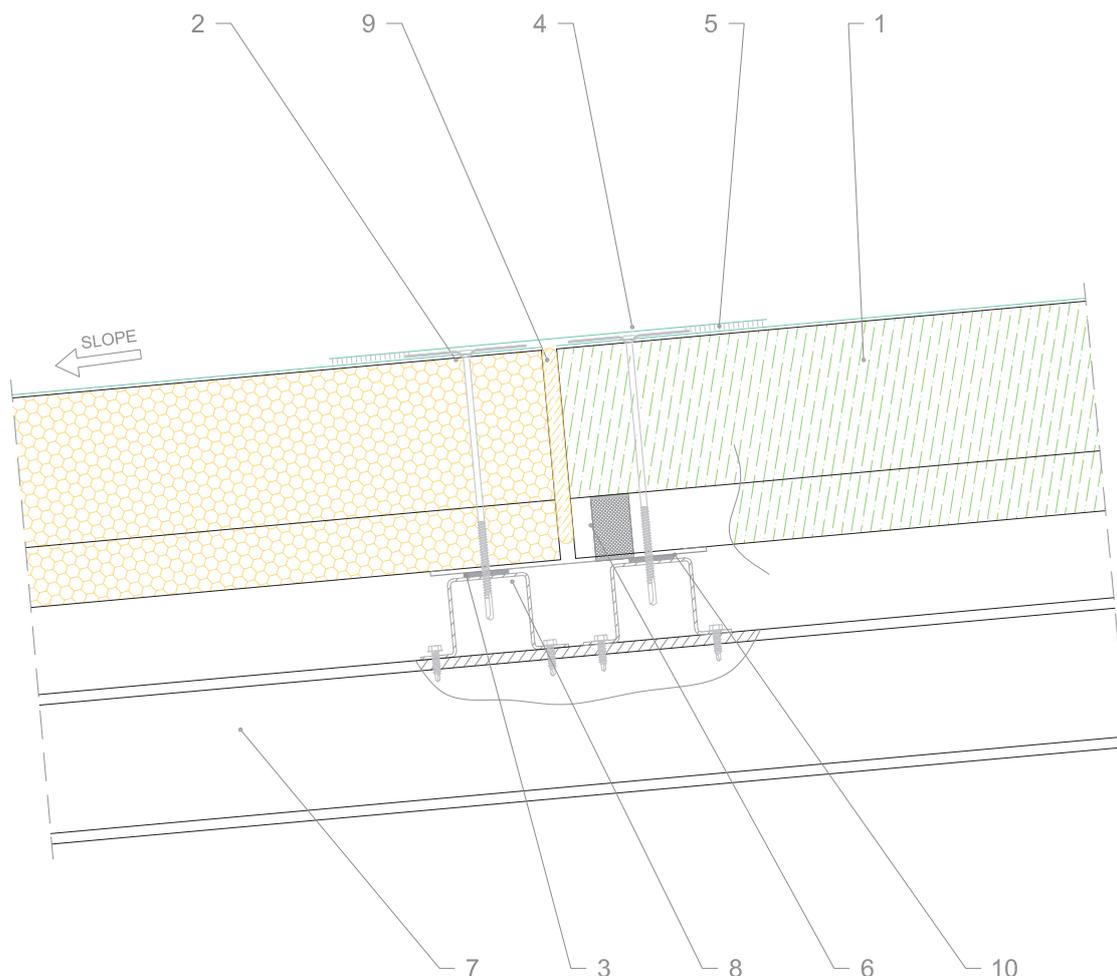


FR03

# Panel to panel head joint



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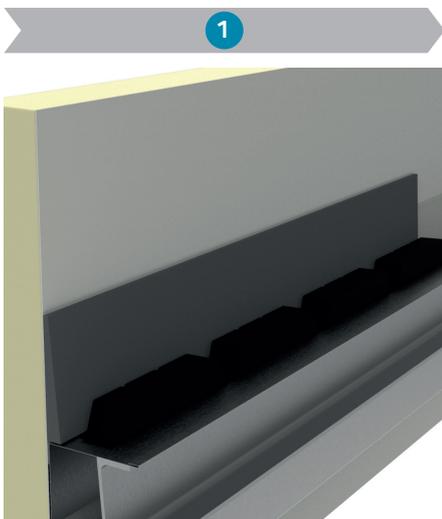
## LEGEND

1. Isopan Flat Roof sandwich panel
2. Fixing system (screw with metal or plastic cap)
3. Thermo separating tape
4. Pontage synthetic layer
5. Air welding
6. Giuntoplast Gasket
7. Primary structure
8. Secondary structure
9. On site insulating material / Mineral wool
10. Pre-painted flashing

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# FR04

## Eave connection - Type 1

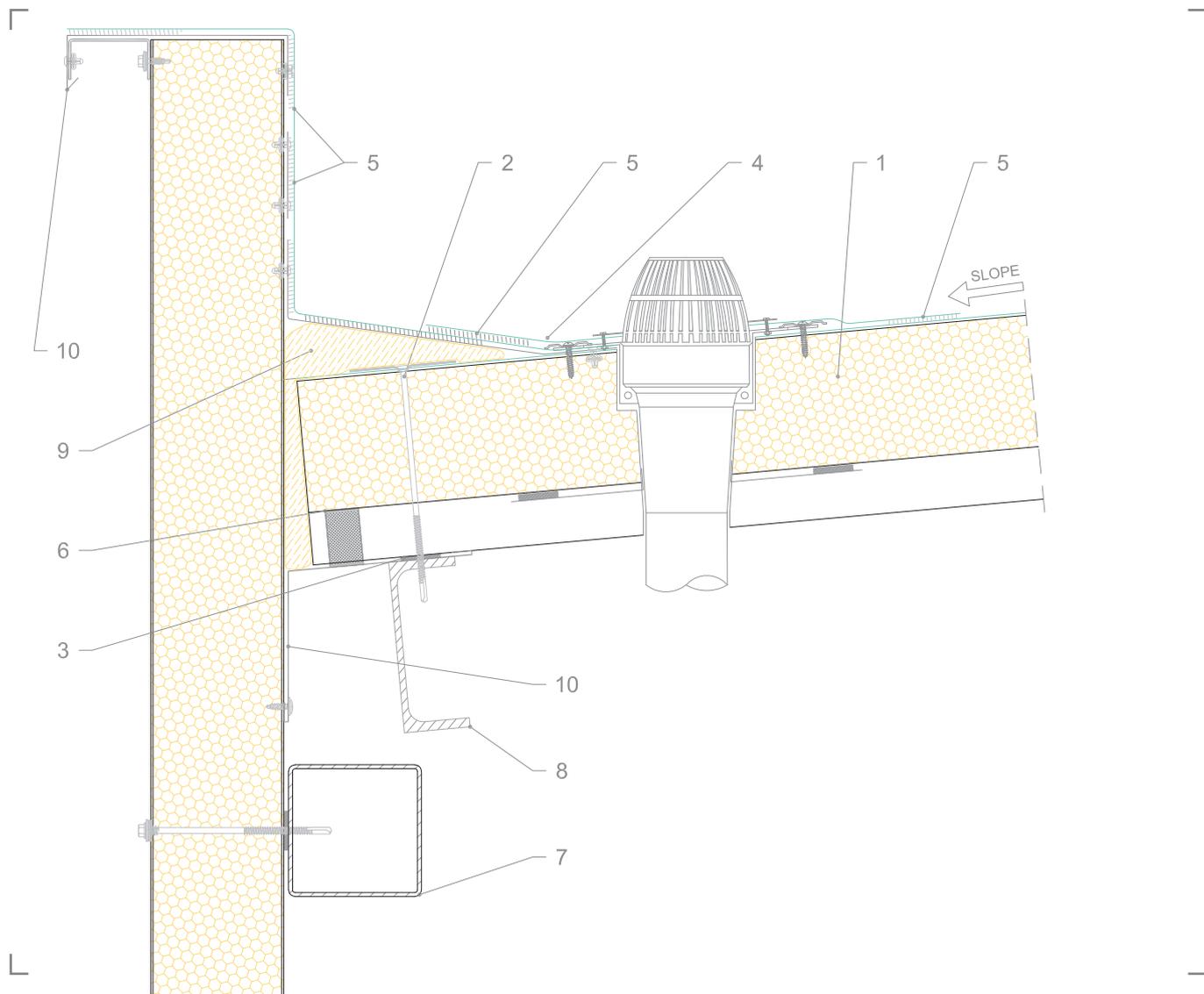


FR04

# Eave connection - Type 1



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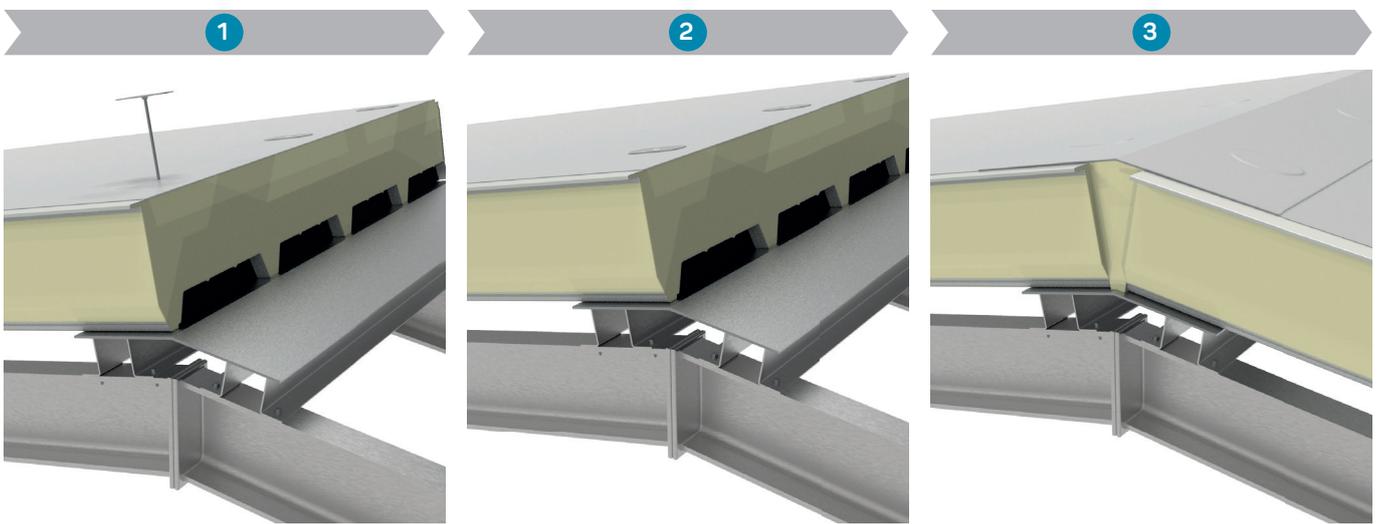
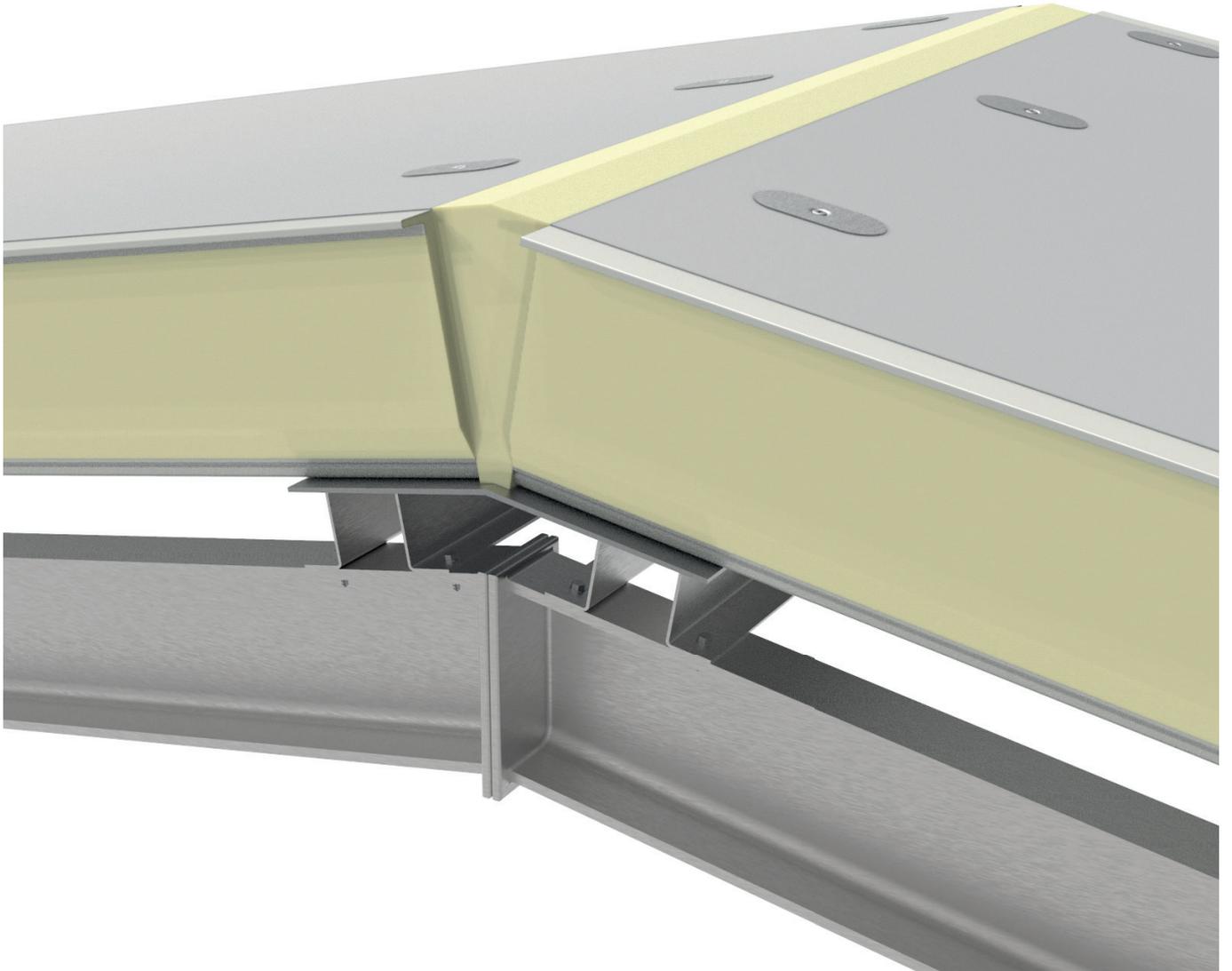
## LEGEND

1. Isopan Flat Roof sandwich panel
2. Fixing system (screw with metal or plastic cap)
3. Thermo separating tape
4. Pontage synthetic layer
5. Air welding
6. Giuntoplast Gasket
7. Primary structure
8. Secondary structure
9. On site insulating material / Mineral wool
10. Pre-painted sheet

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# FR05

## Parapet connection

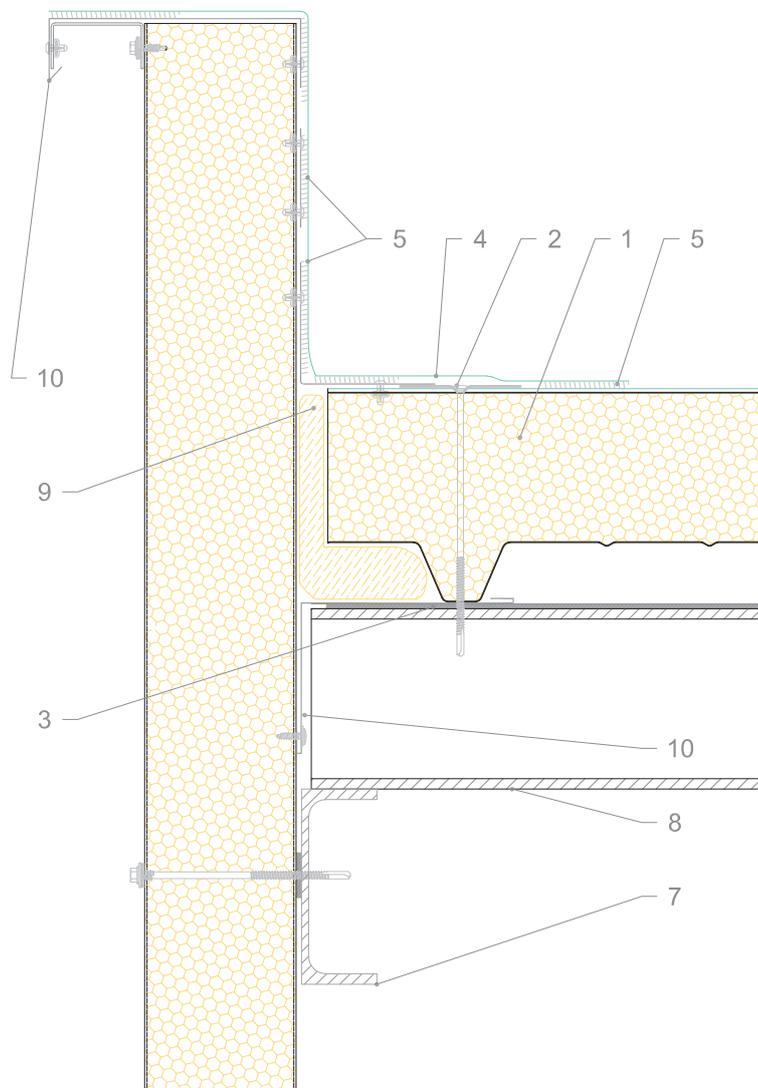


FR05

# Parapet connection



You can download the .dwg and .pdf files collection at [isopan.com](http://isopan.com).



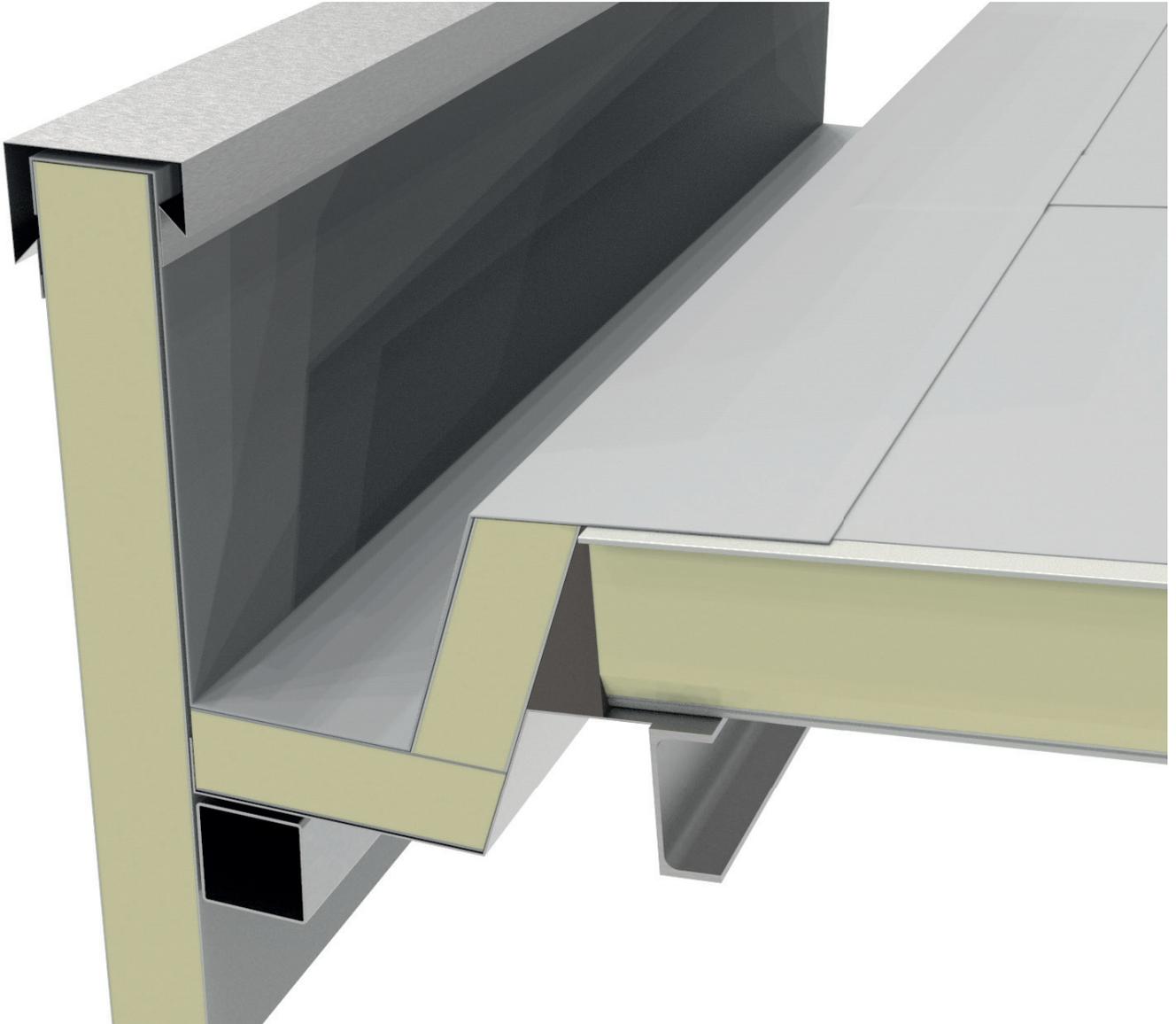
## LEGEND

1. Isopan Flat Roof sandwich panel
2. Fixing system (screw with metal or plastic cap)
3. Thermo separating tape
4. Pontage synthetic layer
5. Air welding
6. Giuntoplast Gasket
7. Primary structure
8. Secondary structure
9. On site insulating material / Mineral wool
10. Pre-painted sheet

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FR06

# Eave connection - Type 2 (Insulated eave)

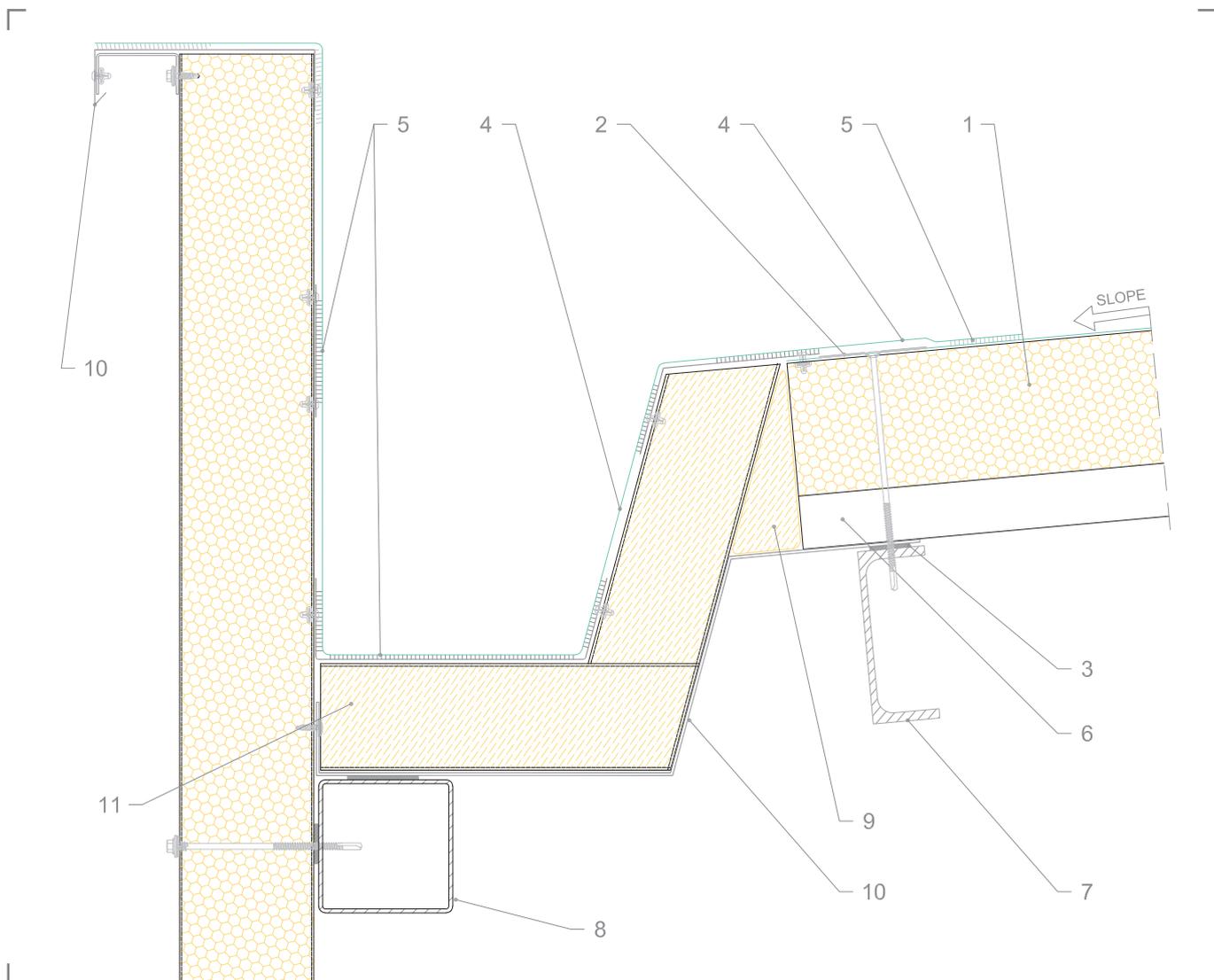


FR06

# Eave connection - Type 2 (Insulated eave)



You can download the .dwg and .pdf files collection at [isopan.com](http://isopan.com).



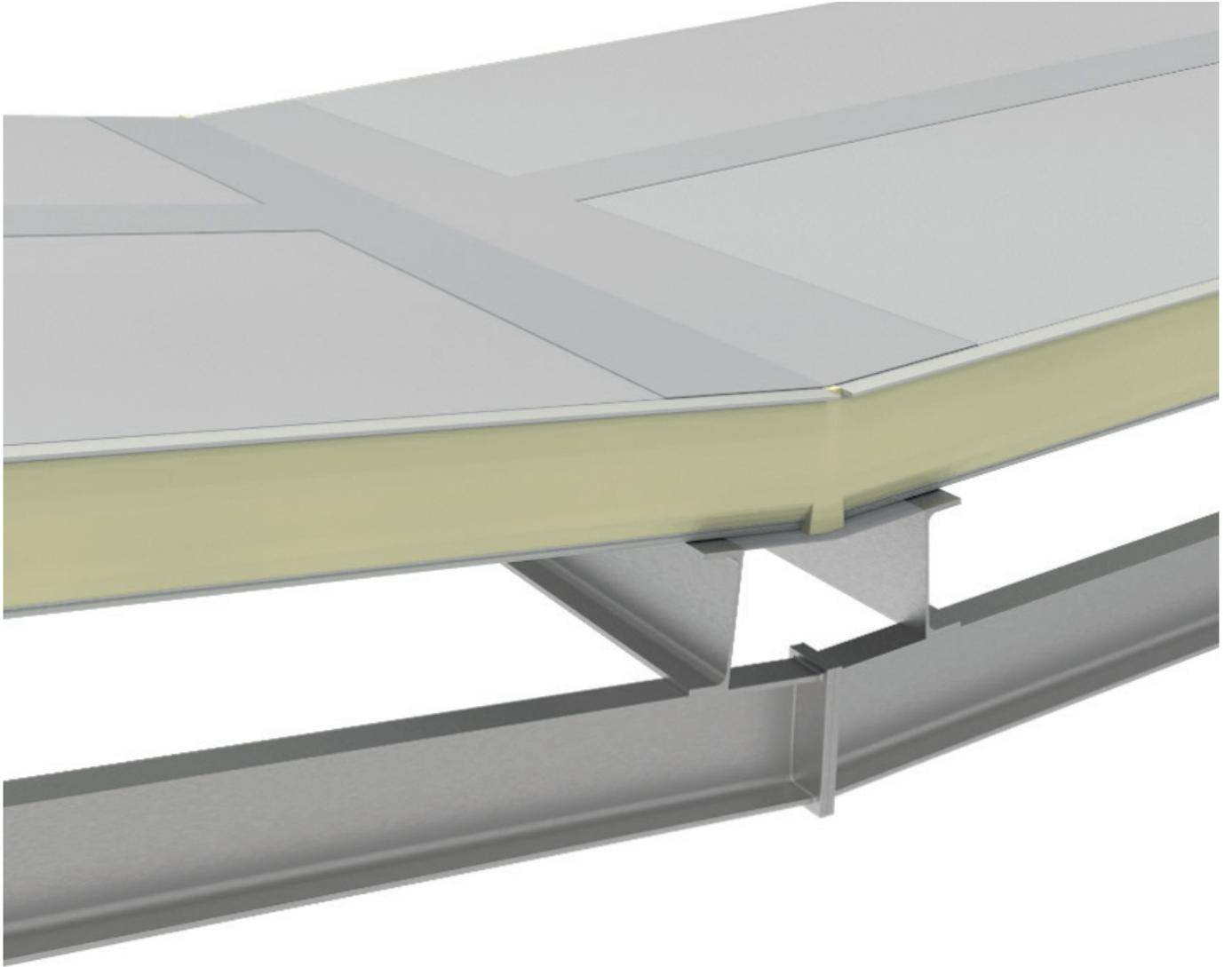
## LEGEND

1. Isopan Flat Roof sandwich panel
2. Fixing system (screw with metal or plastic cap)
3. Thermo separating tape
4. Pontage synthetic layer
5. Air welding
6. Giuntoplast Gasket
7. Primary structure
8. Secondary structure
9. On site insulating material / Mineral wool
10. Prepainted sheet
11. On-site insulated gutter

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FR07

# Ridge connection - Type 2

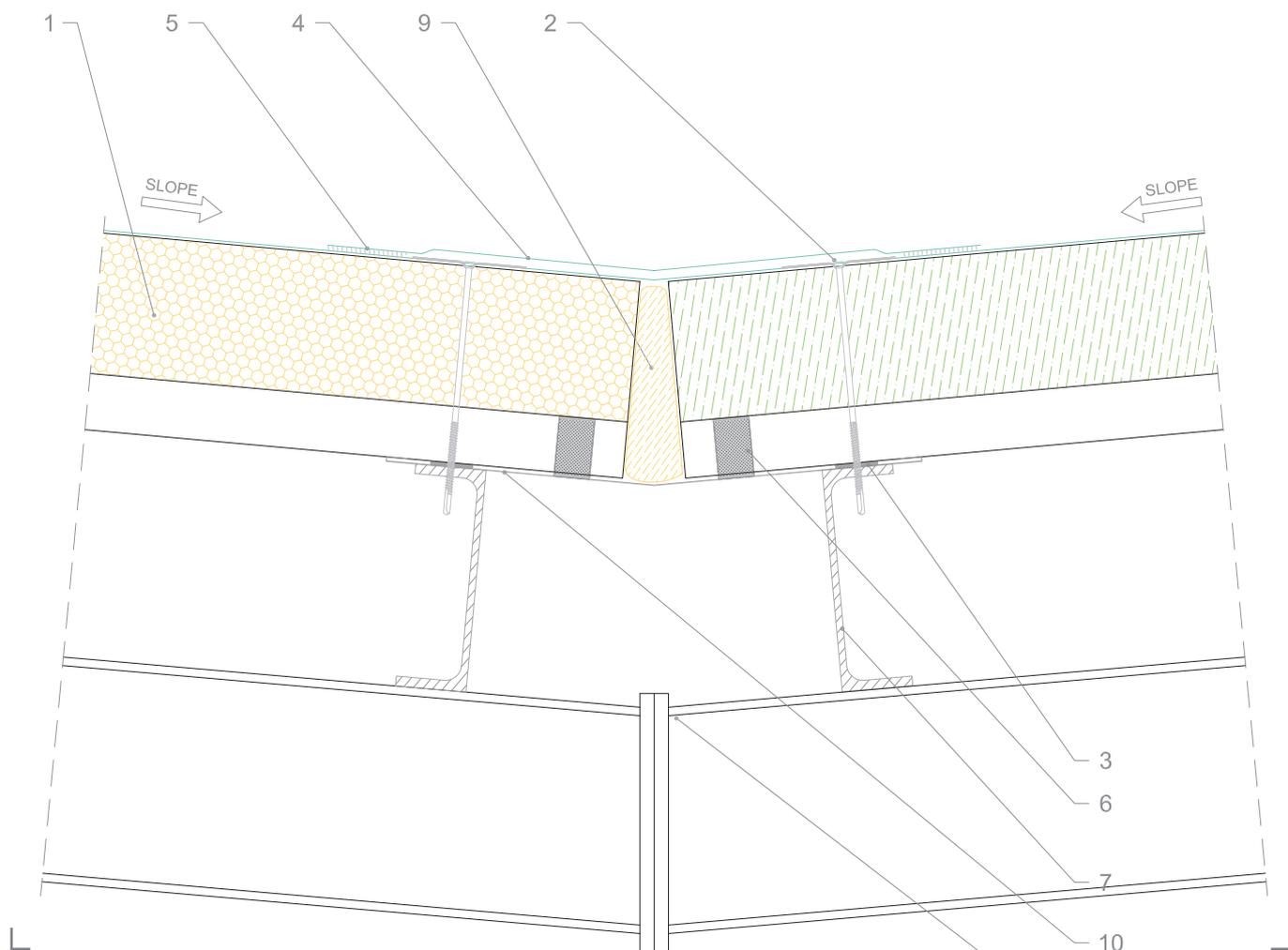


FR07

# Ridge connection - Type 2



You can download the .dwg and .pdf files collection at [isopan.com](http://isopan.com).

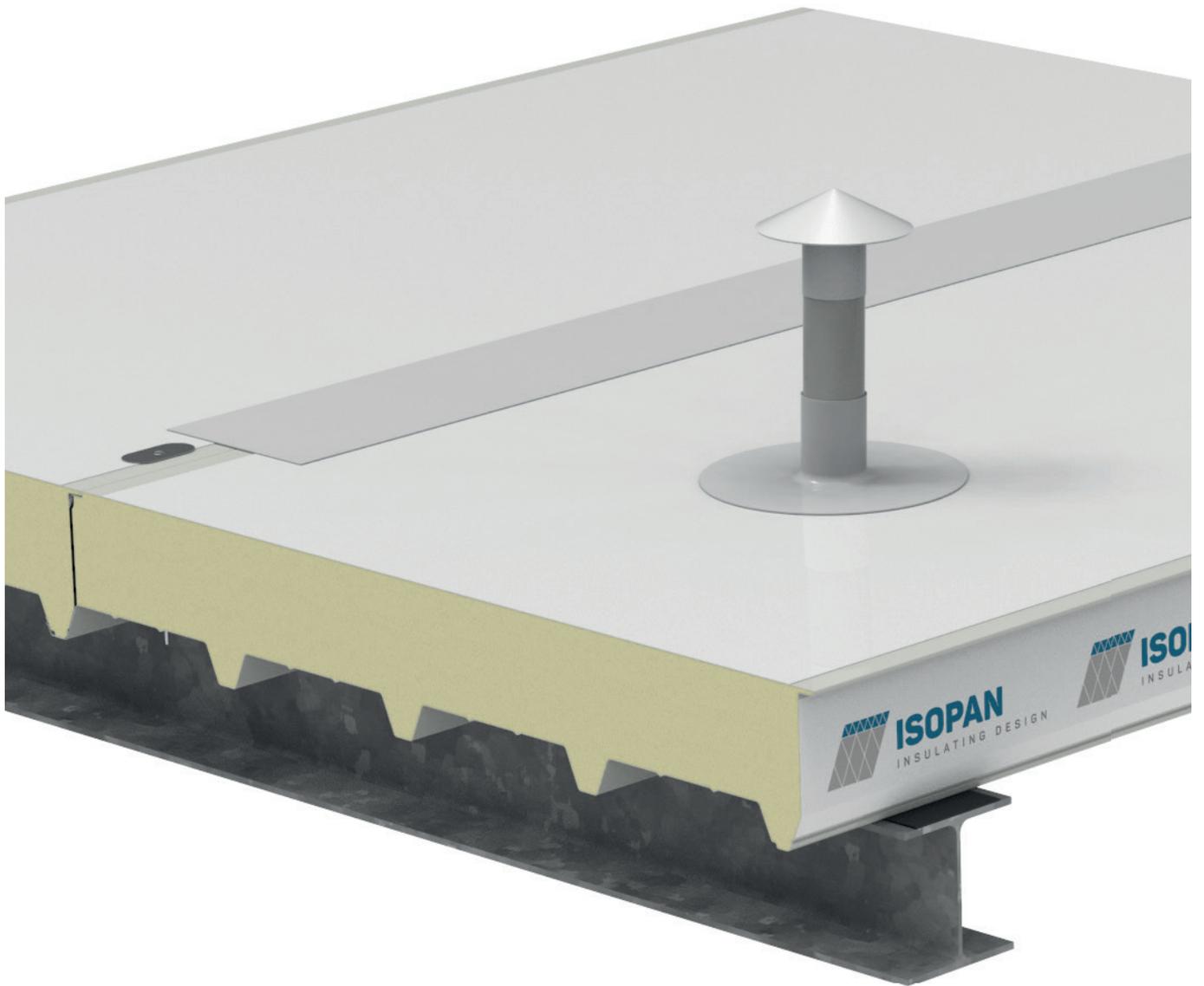


## LEGEND

1. Isopan Flat Roof sandwich panel
2. Fixing system (screw with metal or plastic cap)
3. Thermo separating tape
4. Pontage synthetic layer
5. Air welding
6. Giuntoplast Gasket
7. Primary structure
8. Secondary structure
9. On site insulating material / Mineral wool
10. Pre-painted sheet

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# FR08 Chimney Outlet

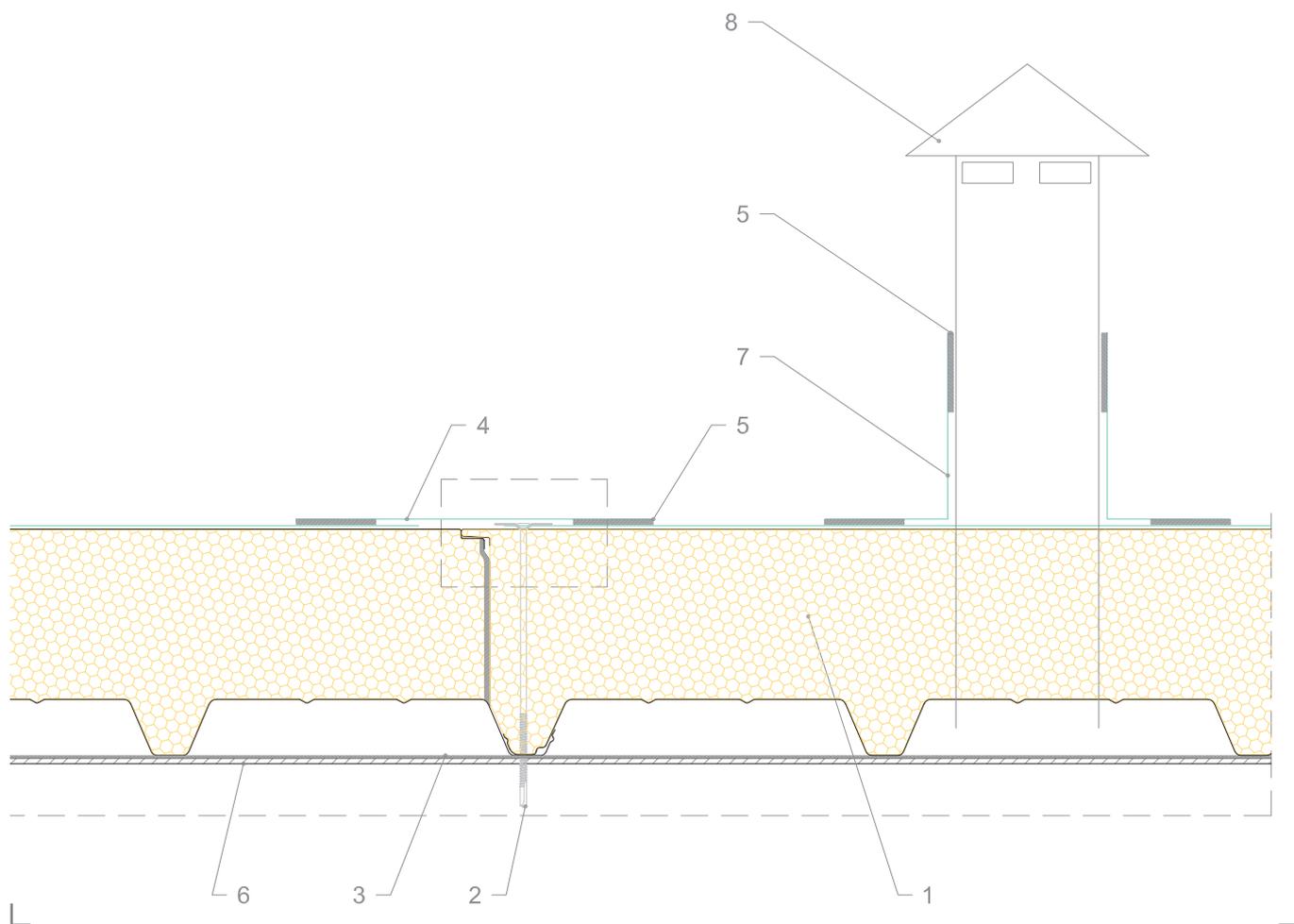


FR08

## Chimney Outlet



You can download the .dwg and .pdf files collection at [isopan.com](http://isopan.com).

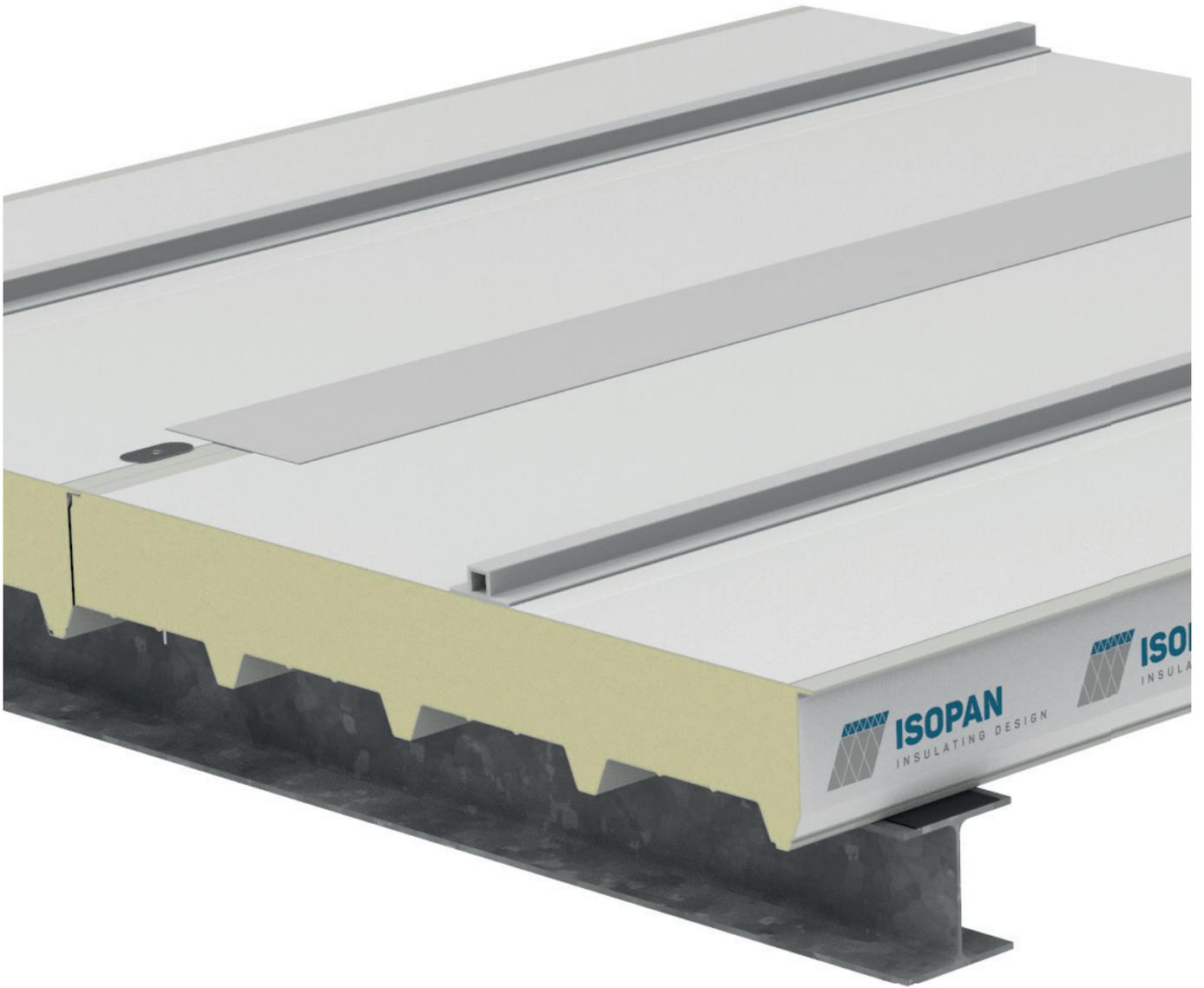
**LEGEND**

1. Isopan Flat Roof sandwich panel
2. Fixing system (screw with metal or plastic cap)
3. Thermo separating tape
4. Pontage synthetic layer
5. Air welding
6. Secondary structure
7. Synthetic membrane for chimney outlet waterproofing
8. Chimney outlet

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# FR09

## Isobar installation

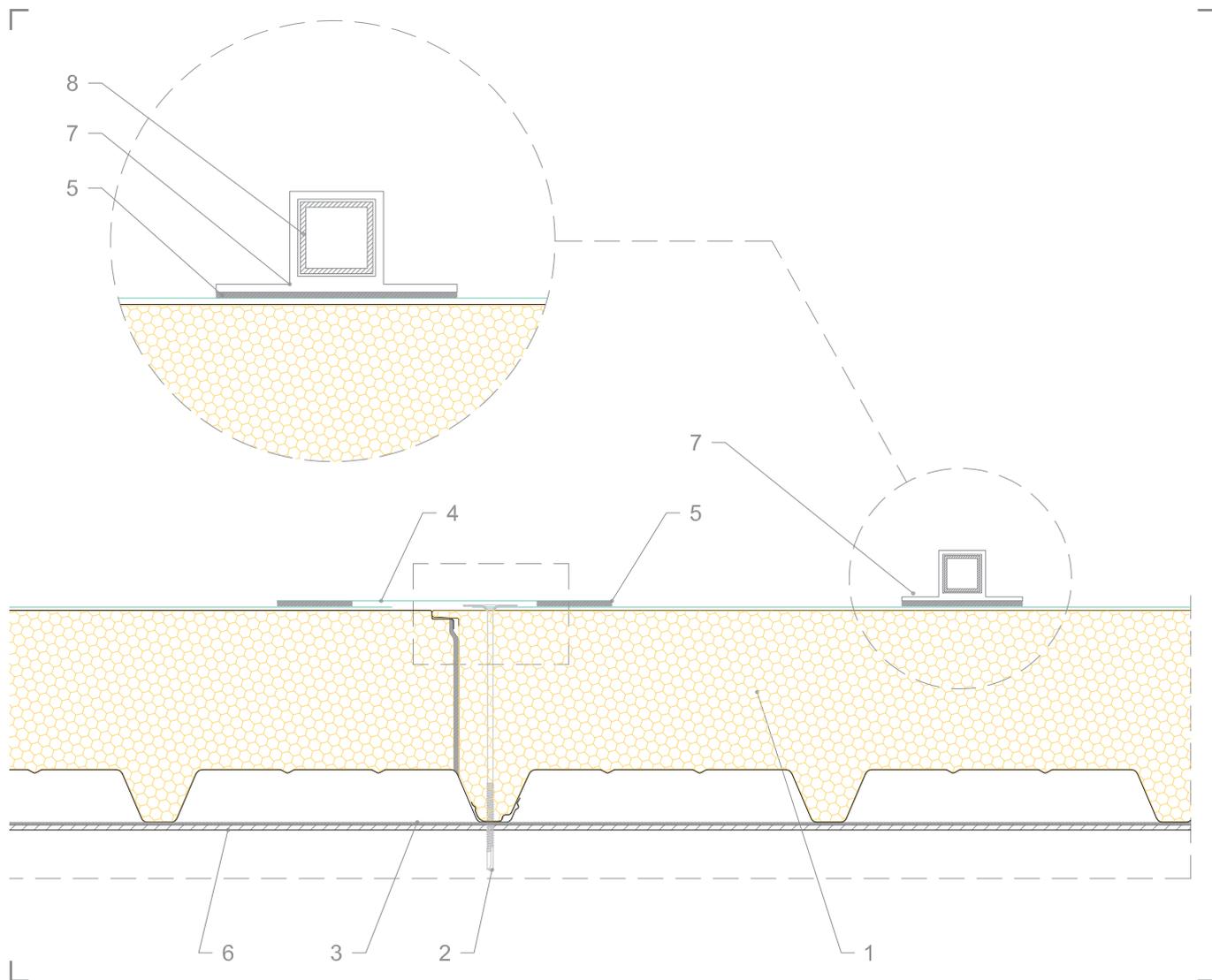


FR09

# Isobar installation



You can download the .dwg and .pdf files collection at [isopan.com](http://isopan.com).



## LEGEND

1. Isopan Flat Roof sandwich panel
2. Fixing system (screw with metal or plastic cap)
3. Thermo separating tape
4. Pontage synthetic layer
5. Air welding
6. Secondary structure
7. ISOBAR made by Synthetic cover and aluminium internal profile, for Photovoltaics systems installation
8. Internal Aluminium profile

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# FR10

## Fall Arrest systems

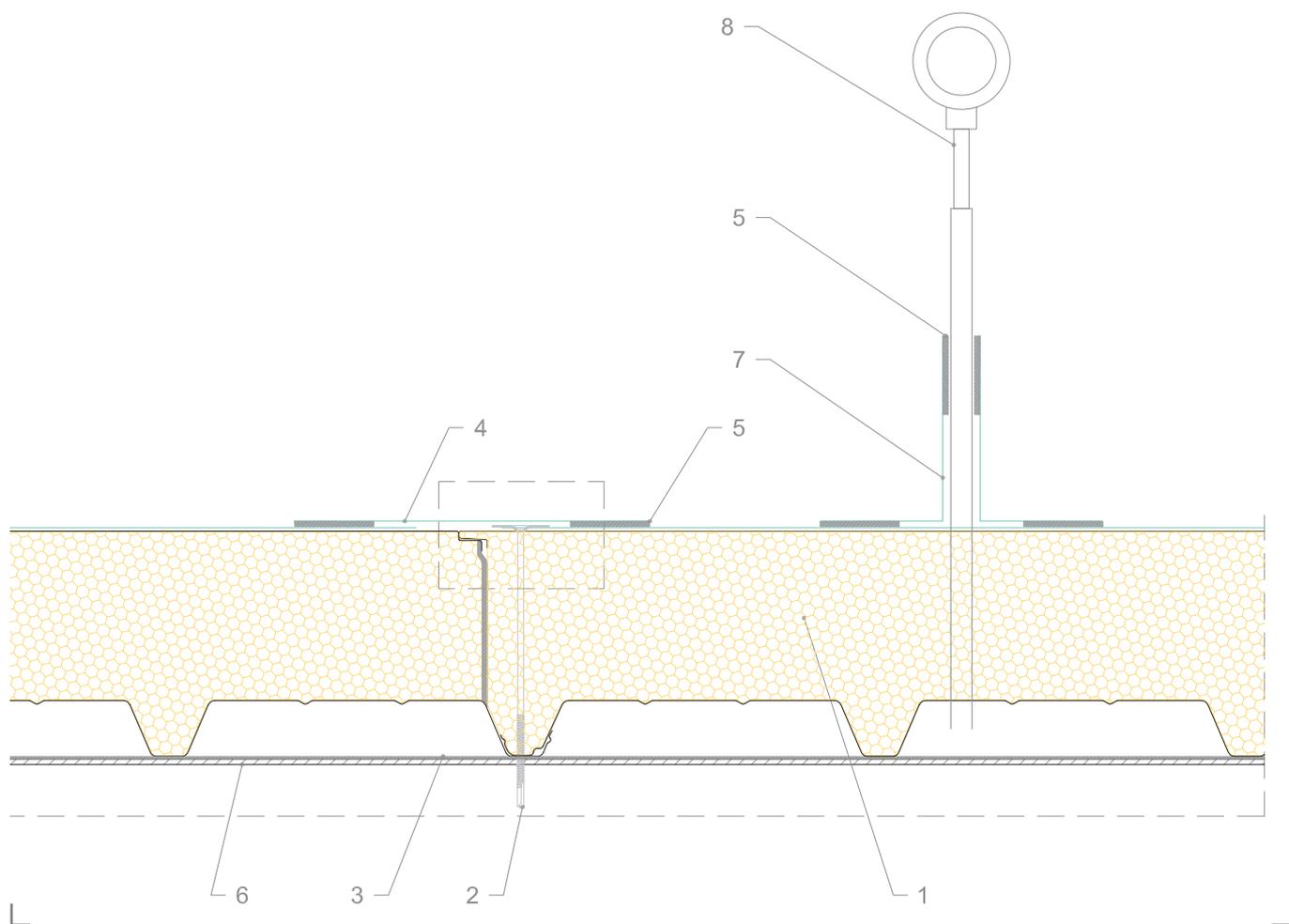


FR10

# Fall Arrest systems



You can download the .dwg and .pdf files collection at [isopan.com](http://isopan.com).



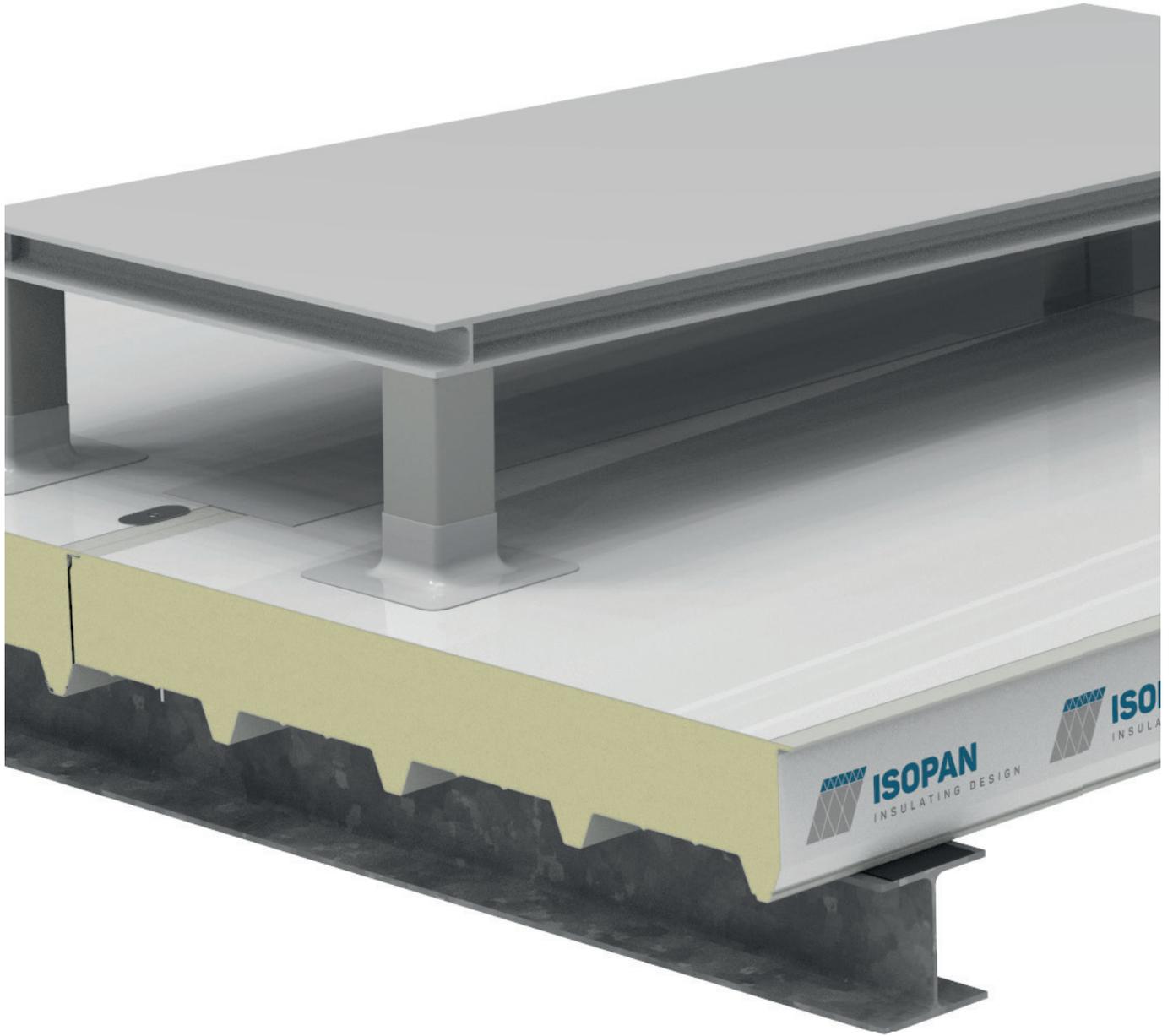
## LEGEND

1. Isopan Flat Roof sandwich panel
2. Fixing system (screw with metal or plastic cap)
3. Thermo separating tape
4. Pontage synthetic layer
5. Air welding
6. Secondary structure
7. Synthetic membrane for Fall Arrest device
8. Fall Arrest Device

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# FR11

## Outlet for through structure

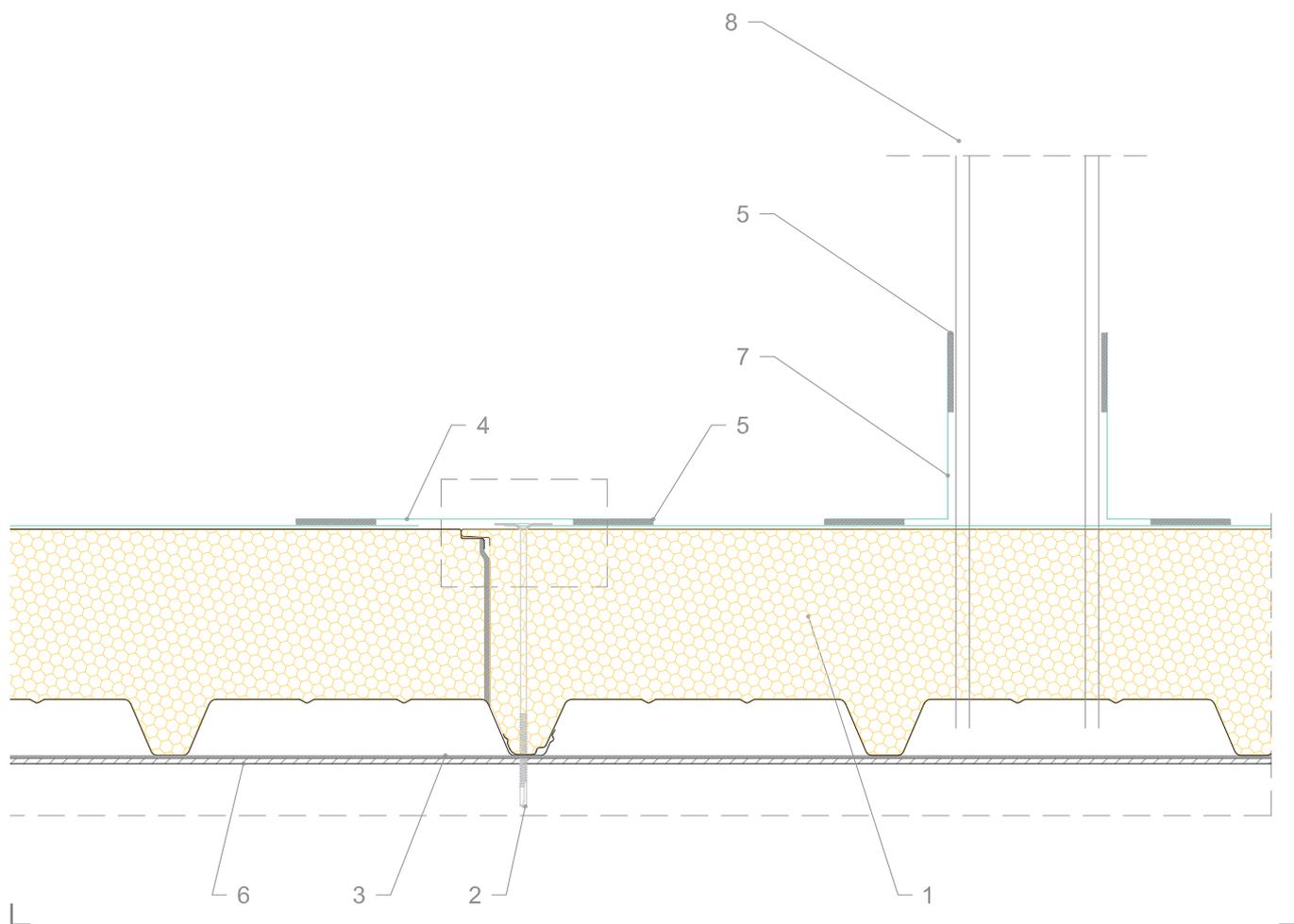


FR11

# Outlet for through structure



You can download the .dwg and .pdf files collection at [isopan.com](http://isopan.com).



## LEGEND

1. Isopan Flat Roof sandwich panel
2. Fixing system (screw with metal or plastic cap)
3. Thermo separating tape
4. Pontage synthetic layer
5. Air welding
6. Secondary structure
7. Synthetic membrane for waterproofing
8. Through structure

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