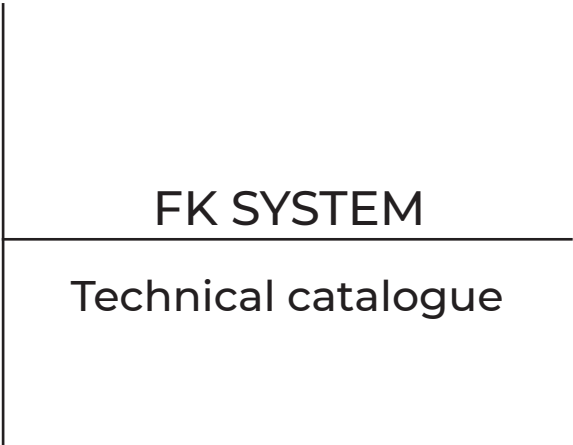


tempio

BASIC SKIN



FK SYSTEM

Technical catalogue

www.tempio.es

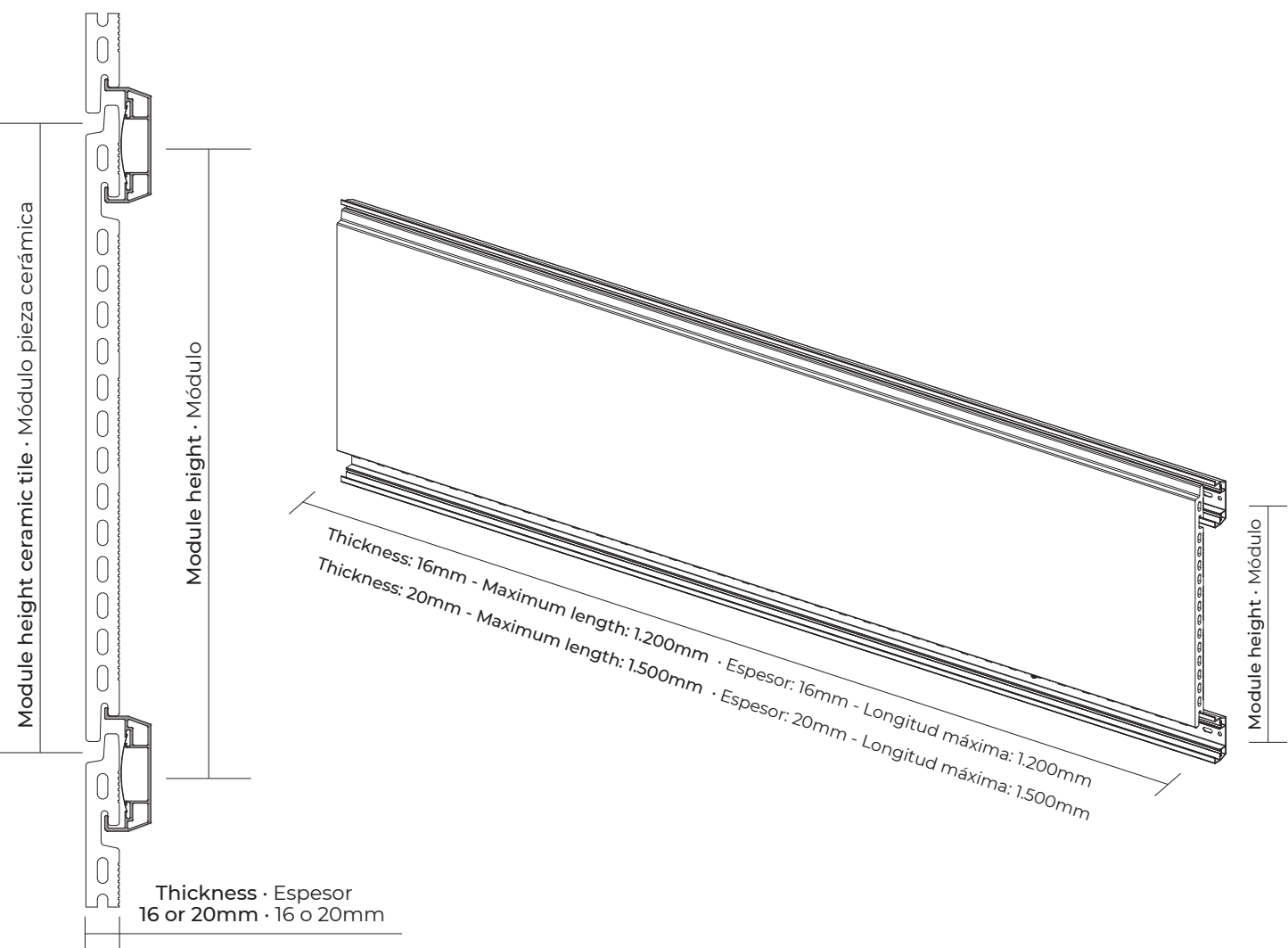


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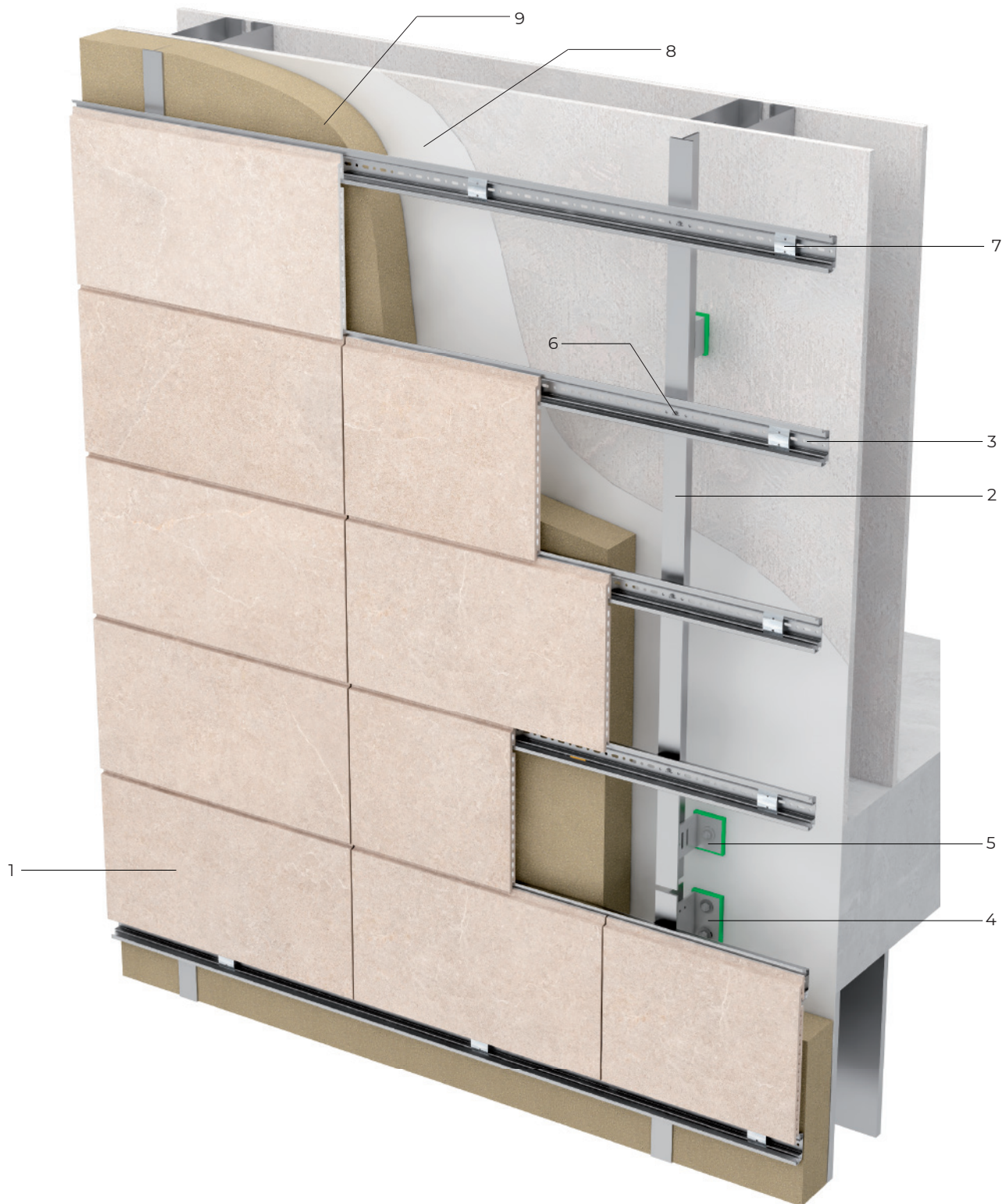
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Our FK tile · Nuestra pieza FK



Available molds · Moldes disponibles

	FK-16	FK-20	FK-L 1/16	FK-L 1/20	FK-L 2/16	FK-L 3/16	FK-L 4/16	FK-O 8/20	FK-L 59/16	FK-1BA 5/16	FK-1BB 5/16	FK-2B 5/16
300mm	☑	☑	☑	☑	☑	☐	☑	☑	☐	☑	☑	☑
400mm	☑	☑	☑	☑	☐	☑	☐	☐	☐	☐	☐	☐
450mm	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
500mm	☑	☑	☑	☐	☐	☐	☐	☐	☐	☐	☑	☑
600mm	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Length piece/mm Largo pieza/mm	<1200	<1500	<1200	<1500	<1200	<1200	<1200	<1500	<1200	<1200	<1200	<1200
Weight/peso - kg/m²	28.5	33.0	28.5	33.0	28.5	28.5	28.5	30.0	28.0	30.0	30.0	32.0



Perspective · Perspectiva

1. Tempio FK16 tile
Pieza Tempio FK16

2. Vertical T profile 40x50x3mm
Perfil vertical T 40x50x3mm

3. Tempio horizontal intermediate profile
22x59mm
Perfil horizontal intermedio Tempio
22x59mm

4. Sustaining bracket
Escuadra de sustentación

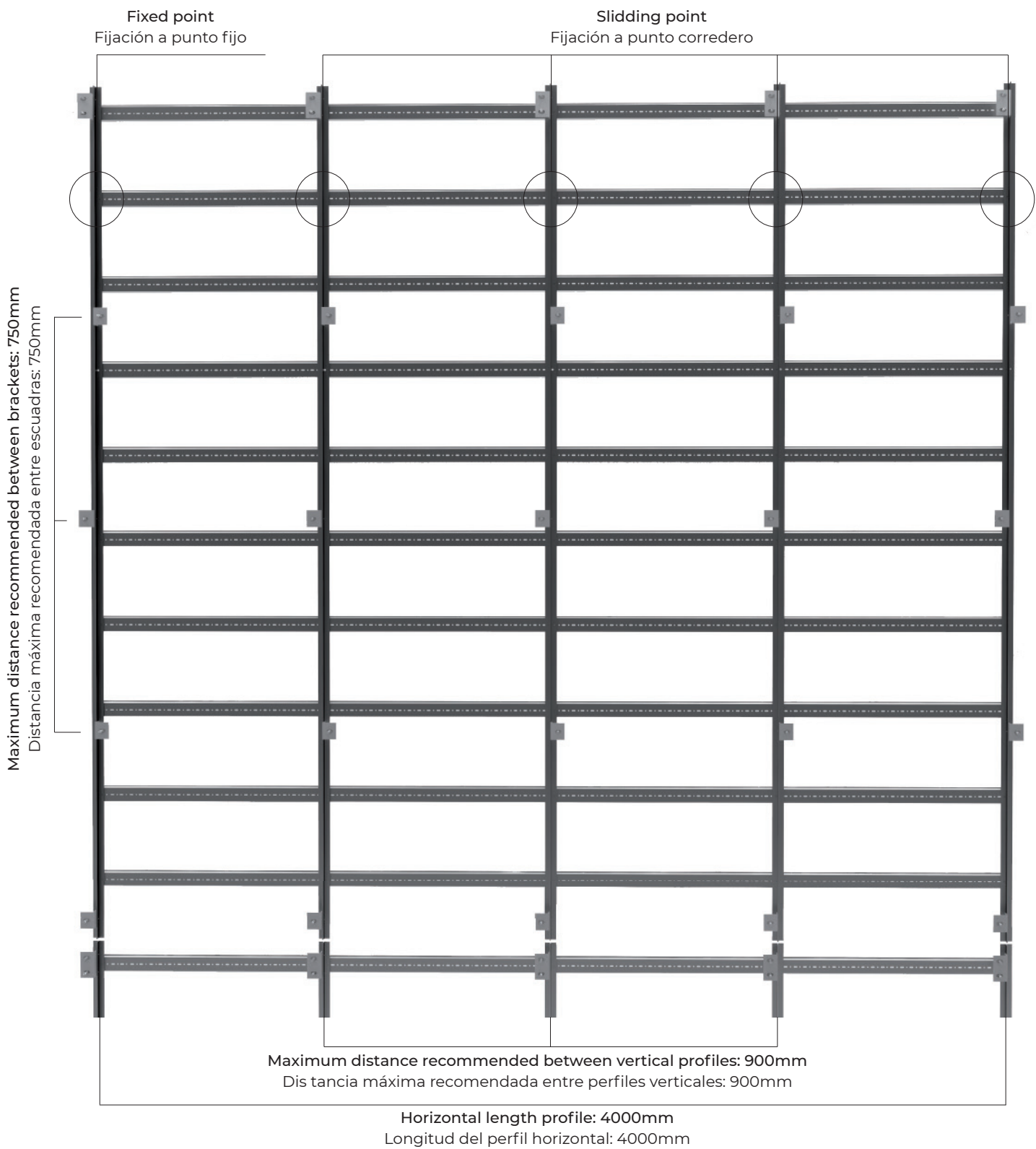
5. Retaining bracket
Escuadra de retención

6. Stainless steel self drilling screw 5,5x25mm
(not coated)
Tornillos autotaladrantes de acero inoxidable
5,5x25mm (sin recubrimiento)

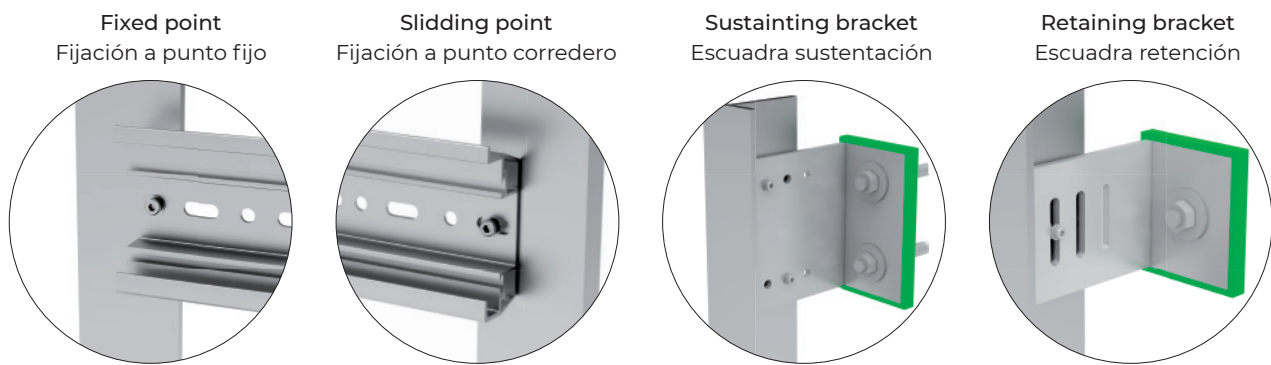
7. Muelle FK
FK spring

8. Waterproof layer
Lámina impermeable

9. Insulation
Aislamiento

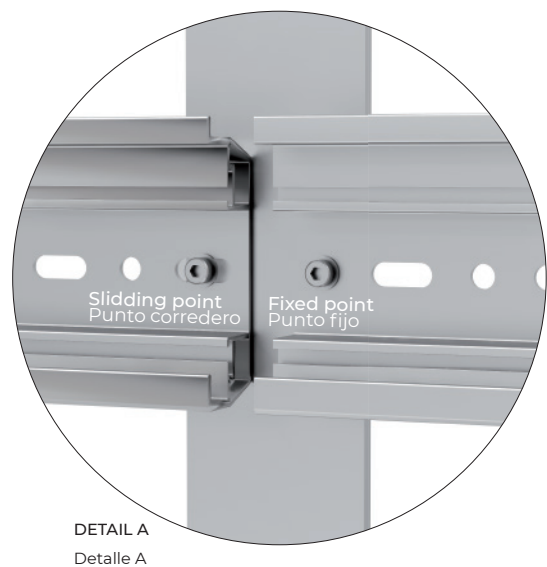
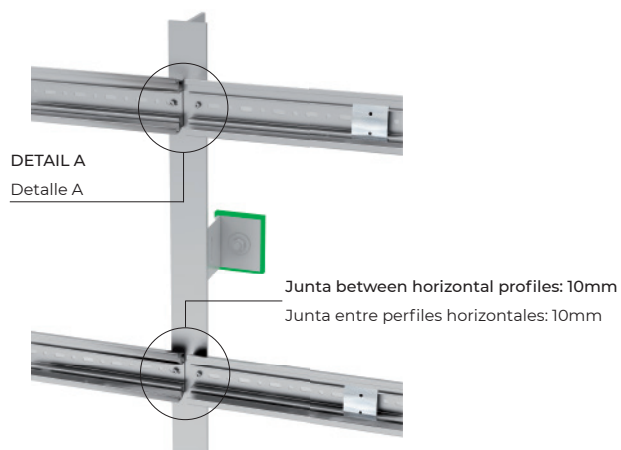


System back view · Vista trasera del sistema





JOINTS · Juntas





Corner detail (continuous vertical joint) ·
Detalle esquina (junta vertical continua)

1. Tempio FK16 tile cut at 45°
Pieza Tempio FK16 cortada a 45°



Corner detail (running bond pattern) ·
Detalle esquina (colocación trabada)

1. Tempio FK16 tile cut at 45°
Pieza Tempio FK16 cortada a 45°



Spring fixation · Fijación muelle

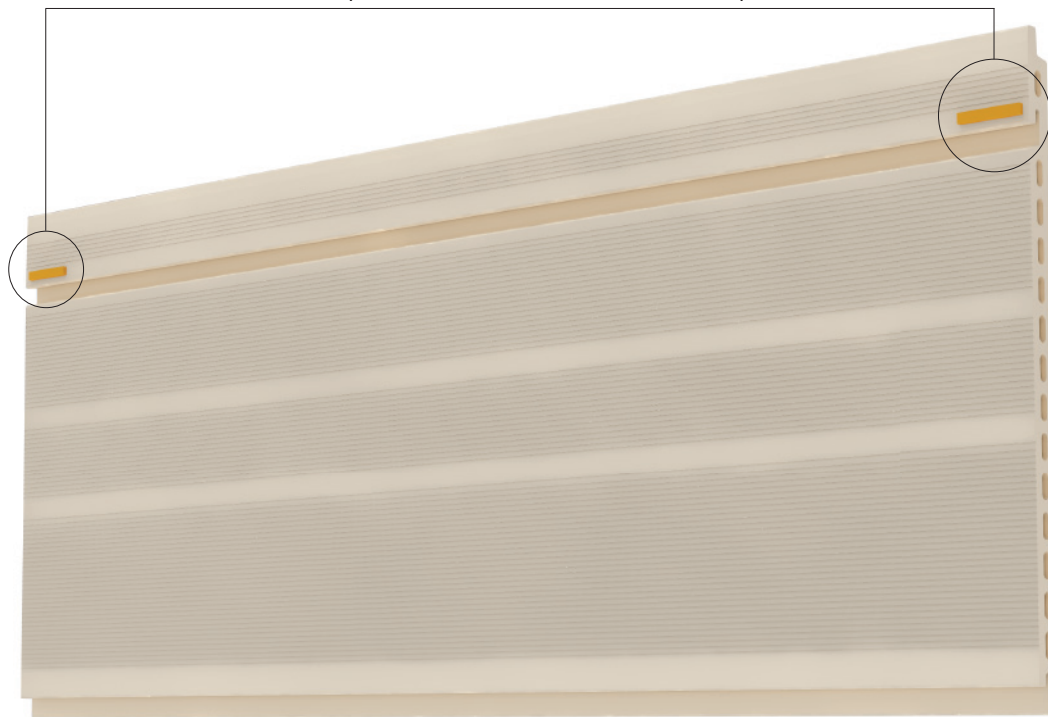
· IMPORTANT:

The installation of Tempio must be done resting the bottom side of the tile on the horizontal profile.

· IMPORTANTE:

La instalación de Tempio se debe realizar apoyando la parte inferior de la pieza en el perfil horizontal.

Two adhesive points of 3cm approx.
Dos puntos de adhesivo de 3cm aprox.



Adhesive fixation · Fijación con adhesivo

· NOTE:

Place adhesive MS Fischer according to manufacturer's instructions. Environment use temperature $+5^{\circ}\text{C} < t < +35^{\circ}\text{C}$

In very cold conditions you can place adhesive SIKASEAL-174 according to manufacturer's instructions. Environment use temperature $-40^{\circ}\text{C} < t < +150^{\circ}\text{C}$

· NOTA:

Colocar el adhesivo MS Fischer según instrucciones del fabricante. Temperatura (t) ambiente de colocación $+5^{\circ}\text{C} < t < +35^{\circ}\text{C}$

En condiciones extremas de frío se puede colocar el adhesivo SIKASEAL-174 según instrucciones del fabricante. Temperatura (t) ambiente de colocación $-40^{\circ}\text{C} < t < +150^{\circ}\text{C}$

· IMPORTANT:

The installation of Tempio must be done resting the bottom side of the tile on the horizontal profile.

· IMPORTANTE:

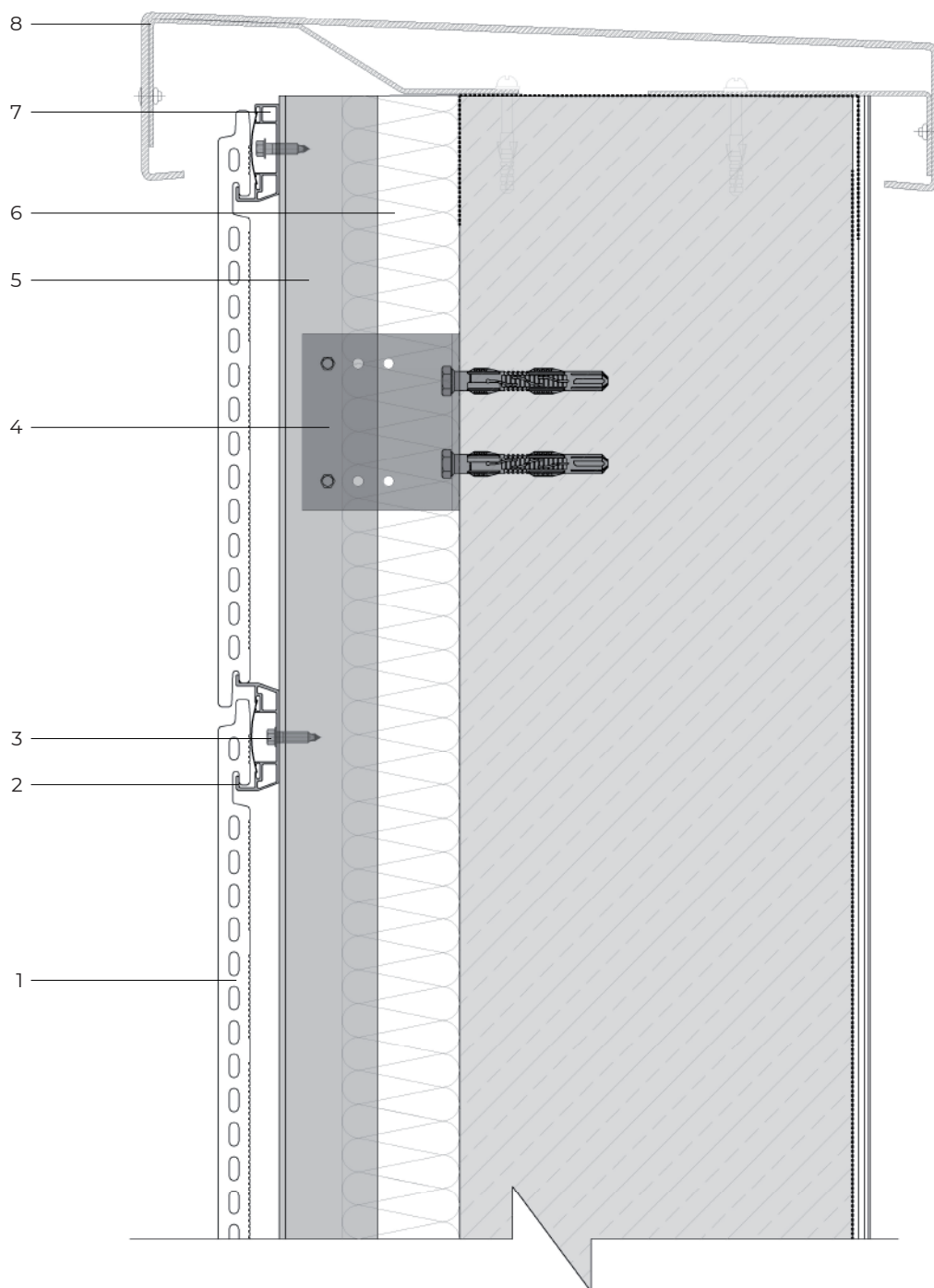
La instalación de Tempio se debe realizar apoyando la parte inferior de la pieza en el perfil horizontal.



Replacement · Reemplazamiento

Our system has been layed out so that tiles can be replaced easily, without having to remove the whole façade.

Nuestro sistema está diseñado para que las piezas puedan ser reemplazadas de forma sencilla, sin necesidad de desmontar la fachada completa.



Metallic coping detail · Detalle coronación metálico

1. Tempio FK16 tile
Pieza Tempio FK16

2. Tempio horizontal intermediate profile
22x59mm
Perfil horizontal intermedio Tempio
22x59mm

3. Stainless steel self drilling screw 5,5x25mm
(not coated)
Tornillos autotaladrantes de acero inoxidable
5,5x25mm (sin recubrimiento)

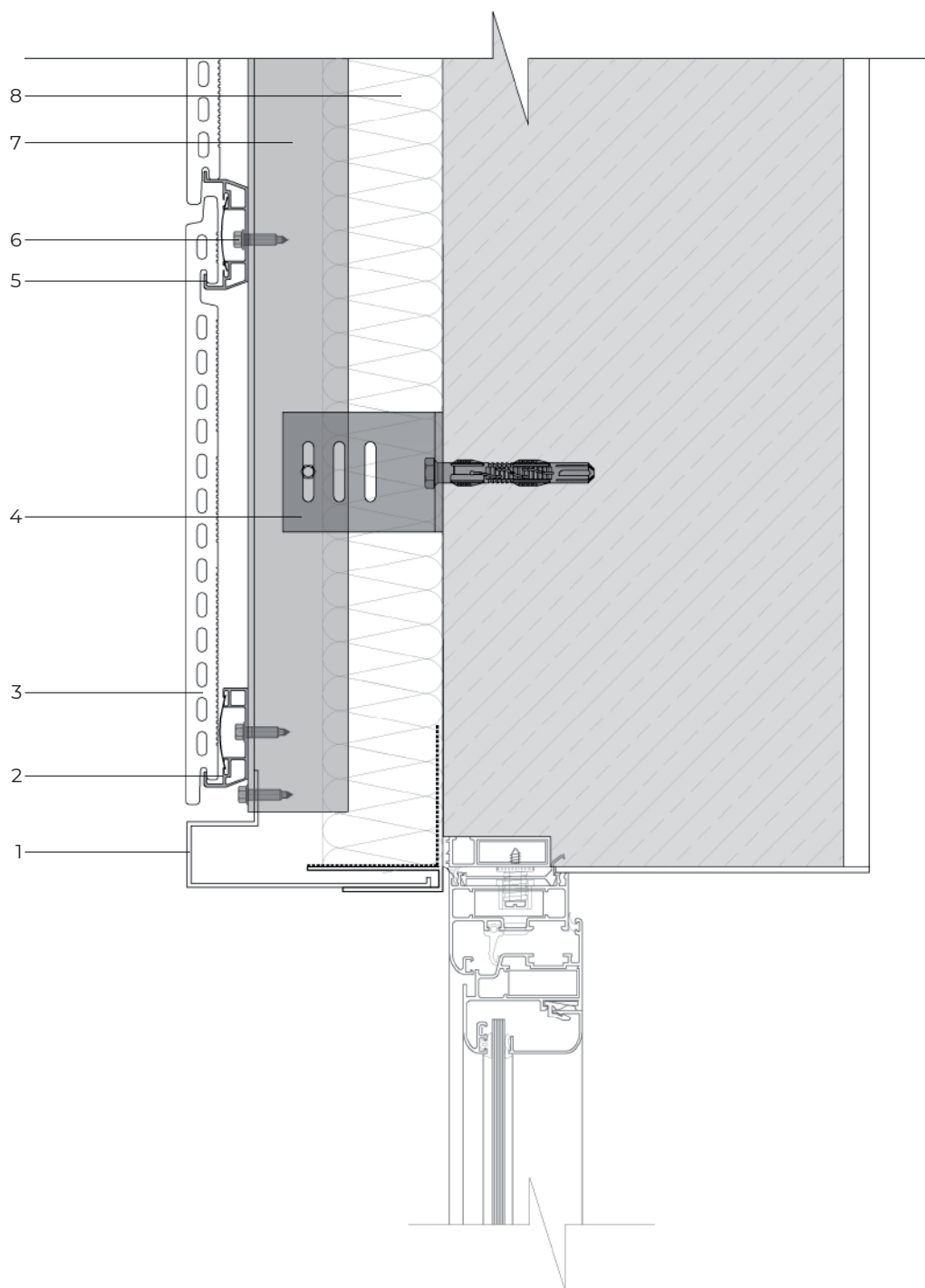
4. Sustaining bracket
Escuadra sustentación

5. Vertical T profile 40x50x3mm
Perfil vertical T 40x50x3mm

6. Insulation
Aislamiento

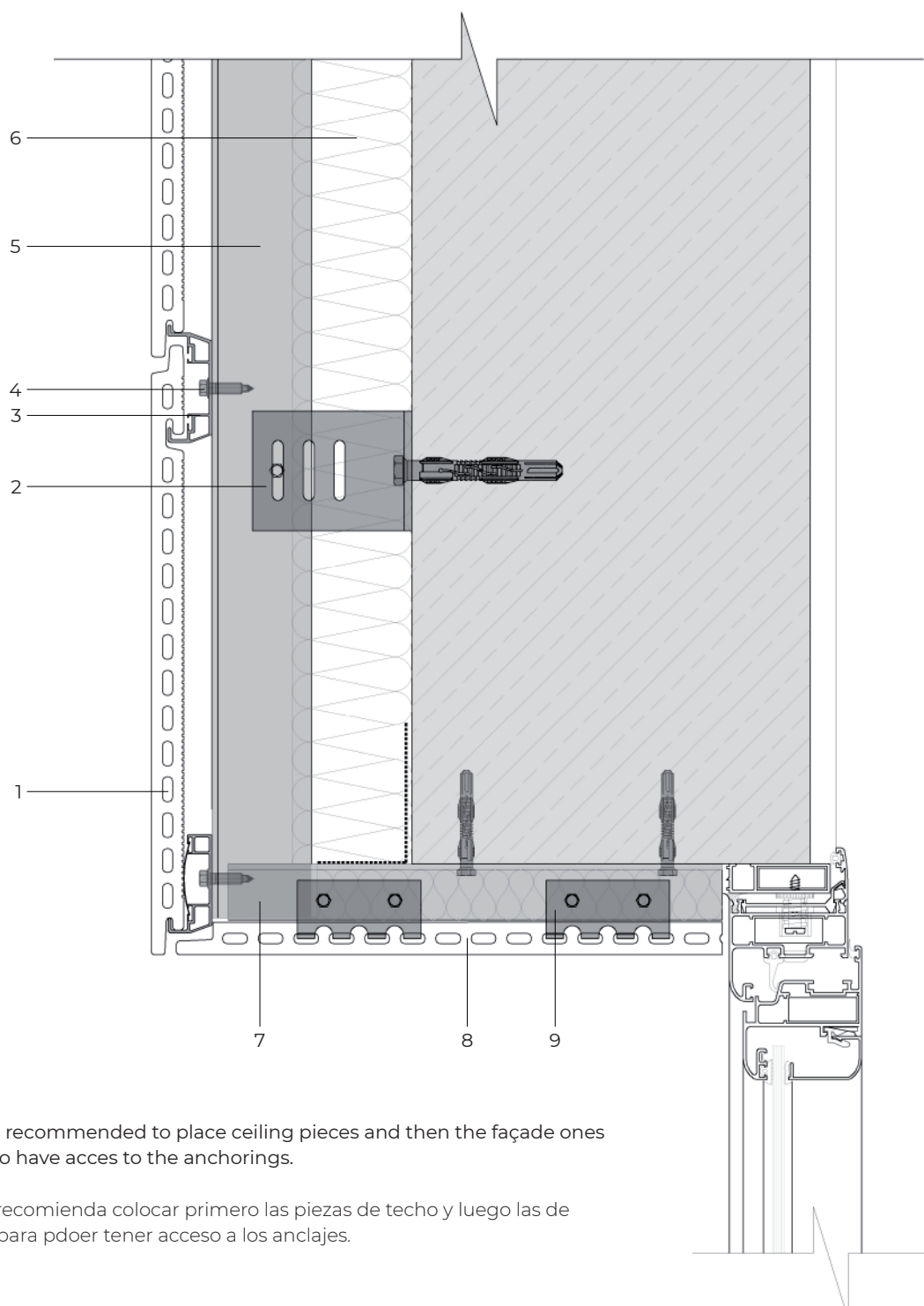
7. Tempio horizontal starter profile 22x50mm
Perfil horizontal arranque Tempio 22x50mm

8. Metallic coping
Coronación metálica



Metallic lintel detail · Detalle dintel metálico

- | | |
|--|--|
| 1. Metallic lintel
Dintel metálico | 6. Stainless steel self drilling screw 5,5x25mm
(not coated)
Tornillos autotaladrantes de acero inoxidable
5,5x25mm (sin recubrimiento) |
| 2. Tempio horizontal starter profile 22x50mm
Perfil horizontal arranque Tempio 22x50mm | 7. Vertical T profile 40x50x3mm
Perfil vertical T 40x50x3mm |
| 3. Tempio FK16 tile
Pieza Tempio FK16 | 8. Insulation
Aislamiento |
| 4. Retaining bracket
Escuadra retención | |
| 5. Tempio horizontal intermediate profile
22x59mm
Perfil horizontal intermedio Tempio
22x59mm | |

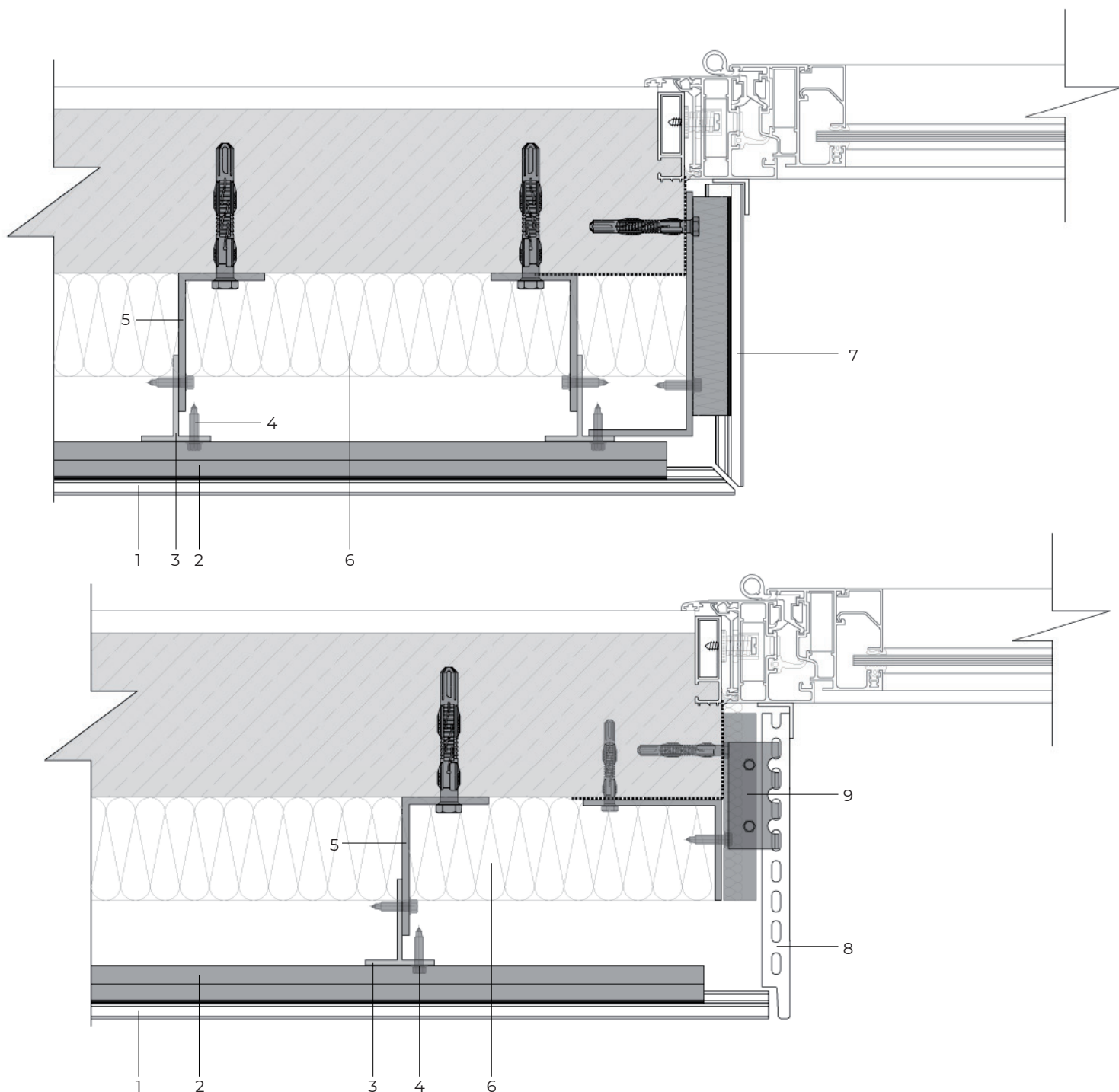


Note: It is recommended to place ceiling pieces and then the façade ones in order to have access to the anchorings.

Nota: Se recomienda colocar primero las piezas de techo y luego las de fachada, para poder tener acceso a los anclajes.

Ceramic lintel detail · Detalle dintel cerámico

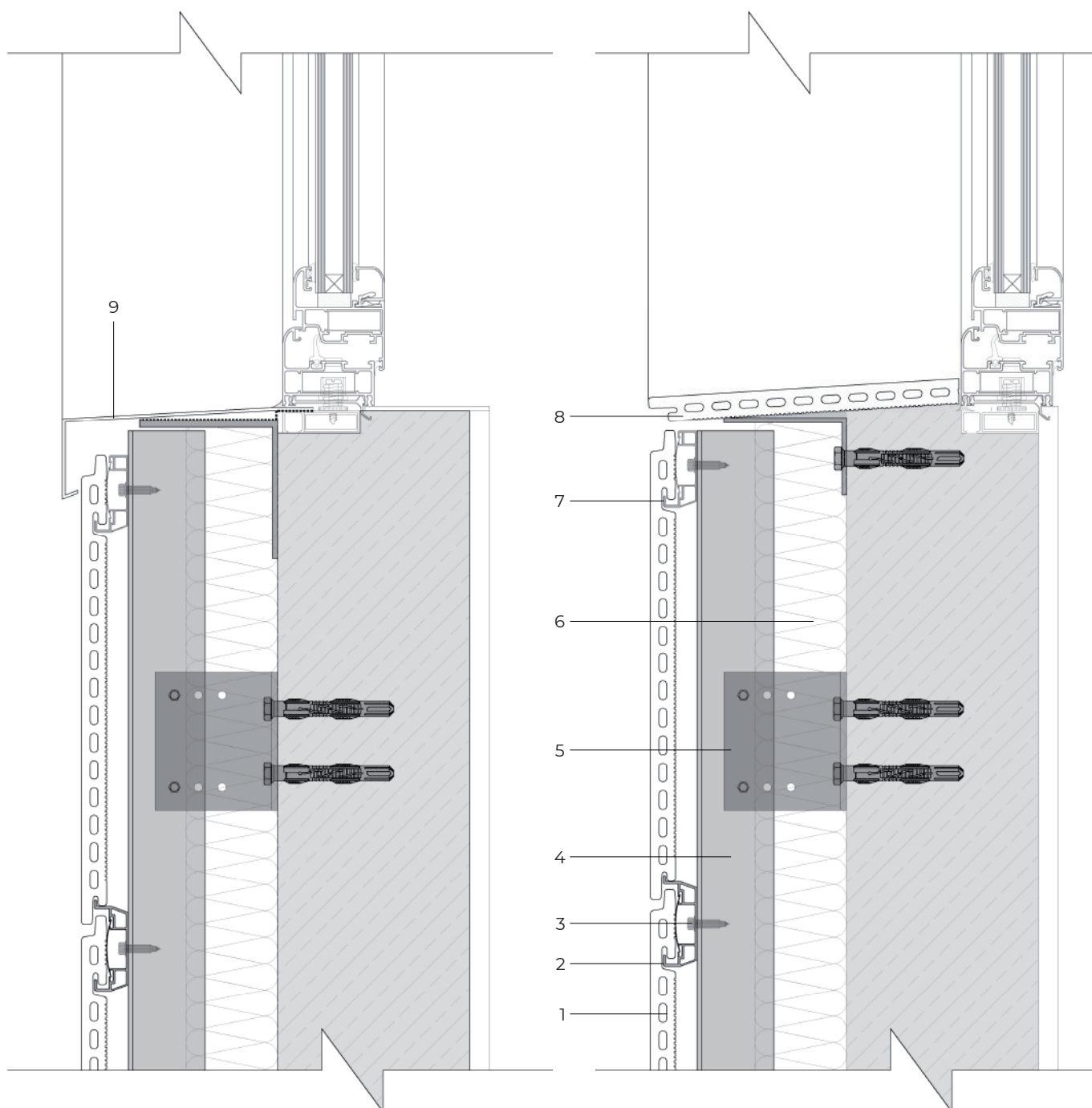
- | | |
|--|--|
| 1. Tempio FK16 tile
Pieza Tempio FK16 | 5. Vertical T profile 40x50x3mm
Perfil vertical T 40x50x3mm |
| 2. Retaining bracket
Escuadra retención | 6. Insulation
Aislamiento |
| 3. Tempio horizontal intermediate profile
22x59mm
Perfil horizontal intermedio Tempio
22x59mm | 7. L profile
Perfil en L |
| 4. Stainless steel self drilling screw 5,5x25mm
(not coated)
Tornillos autotaladrantes de acero inoxidable
5,5x25mm (sin recubrimiento) | 8. Ceramic lintel
Dintel cerámico |
| | 9. "Peine" anchoring
Anclaje de peine |



Side termination detail · Detalle terminación lateral

1. Tempio FK16 tile
Pieza Tempio FK16
2. Tempio horizontal intermediate profile
22x59mm
Perfil horizontal intermedio Tempio
22x59mm
3. Vertical T profile 40x50x3mm
Perfil vertical T 40x50x3mm
4. Stainless steel self drilling screw 5,5x25mm
(not coated)
Tornillos autotaladrantes de acero inoxidable
5,5x25mm (sin recubrimiento)

5. Sustaining or retaining bracket
Escuadra de sustentación o retención
6. Insulation
Aislamiento
7. Ceramic jamb (tile placed horizontally)
Jamba cerámica (pieza colocada
horizontalmente)
8. Ceramic jamb (tile placed vertically)
Jamba cerámica (pieza colocada
verticalmente)
9. "Peine" anchoring
Anclaje de peine



Metallic and ceramic sill details · Detalles vierteaguas cerámico y metálico

1. Tempio FK16 tile
Pieza Tempio FK16

2. Tempio horizontal intermediate profile
22x59mm
Perfil horizontal intermedio Tempio
22x59mm

3. Stainless steel self drilling screw 5,5x25mm
(not coated)
Tornillos autotaladrantes de acero inoxidable
5,5x25mm (sin recubrimiento)

4. Vertical T profile 40x50x3mm
Perfil vertical T 40x50x3mm

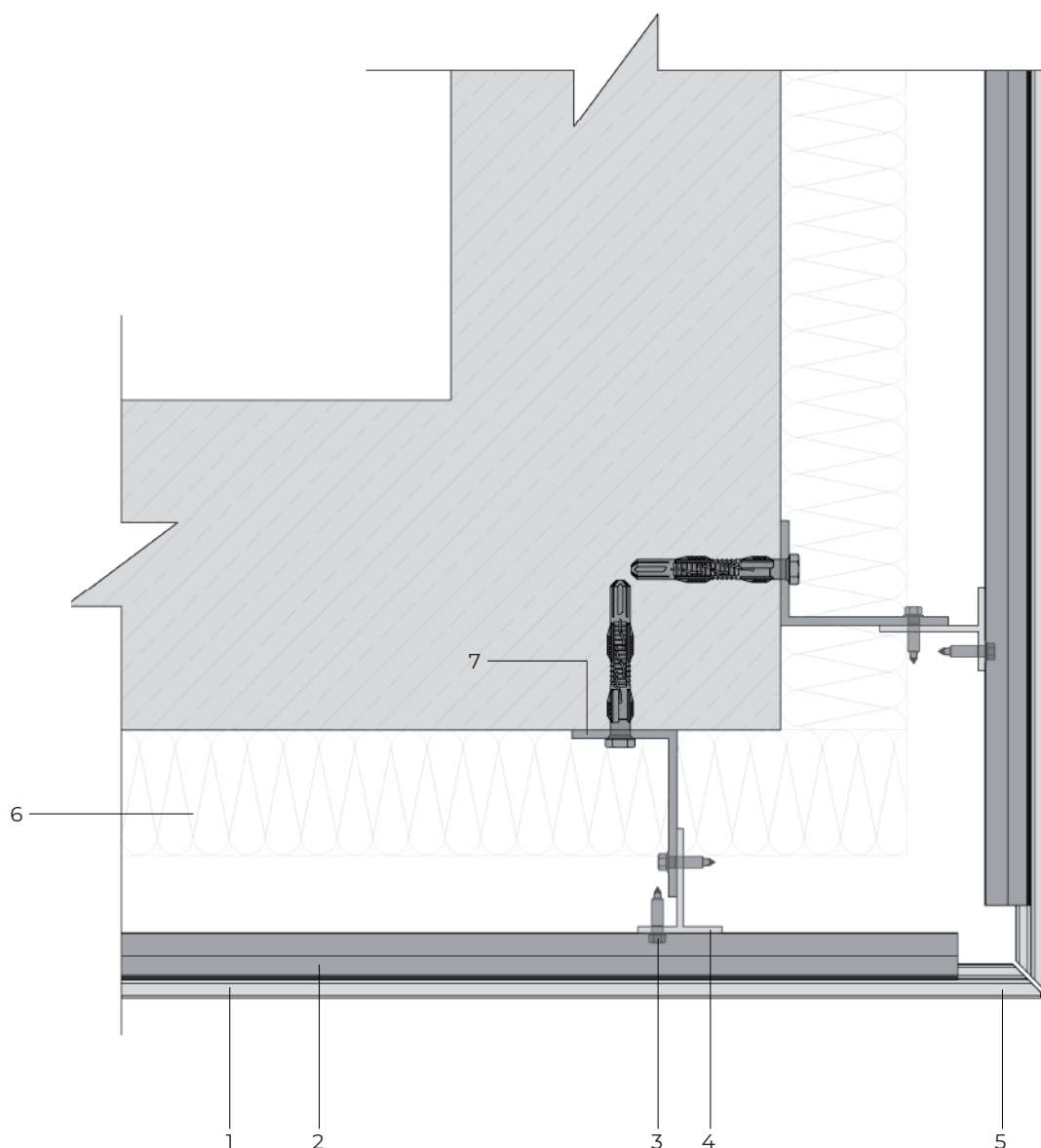
5. Sustaining bracket
Escuadra de sustentación

6. Insulation
Aislamiento

7. Tempio horizontal starter profile 22x50mm
Perfil horizontal arranque Tempio 22x50mm

8. Ceramic jamb
Jamba cerámica

9. Metallic jamb
Jamba metálica



Mitre cut corner detail · Detalle esquina a inglete

1. Tempio FK16 tile
Pieza Tempio FK16

2. Tempio horizontal intermediate profile
22x59mm
Perfil horizontal intermedio Tempio
22x59mm

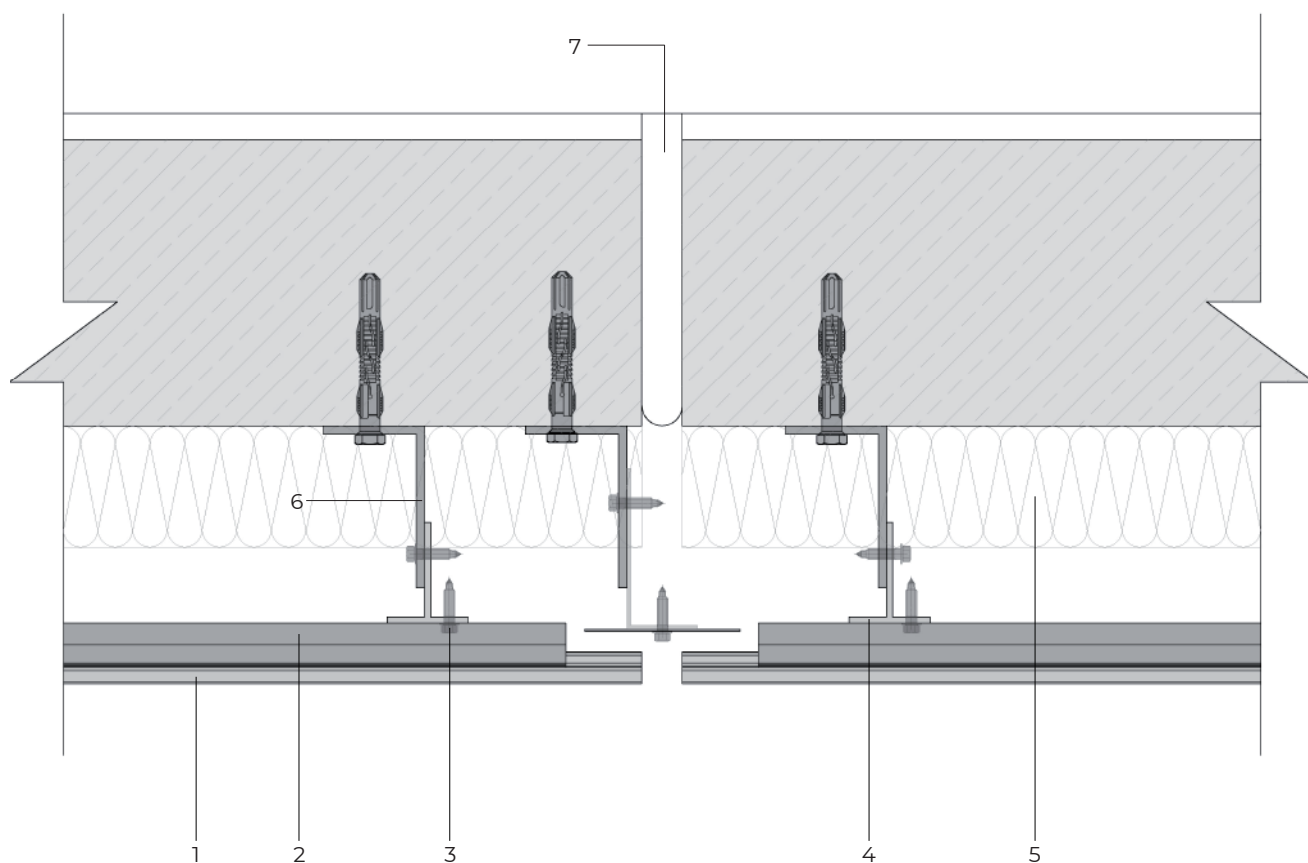
3. Stainless steel self drilling screw 5,5x25mm
(not coated)
Tornillos autotaladrantes de acero inoxidable
5,5x25mm (sin recubrimiento)

4. Vertical T profile 40x50x3mm
Perfil vertical T 40x50x3mm

5. Ceramic tile cut at 45 degrees
Pieza cerámica cortada a 45°

6. Insulation
Aislamiento

7. Sustaining or retaining bracket
Escuadra de sustentación o retención



Dilatation joint detail · Detalle junta de dilatación

1. Tempio FK16 tile
Pieza Tempio FK16

2. Tempio horizontal intermediate profile
22x59mm
Perfil horizontal intermedio Tempio
22x59mm

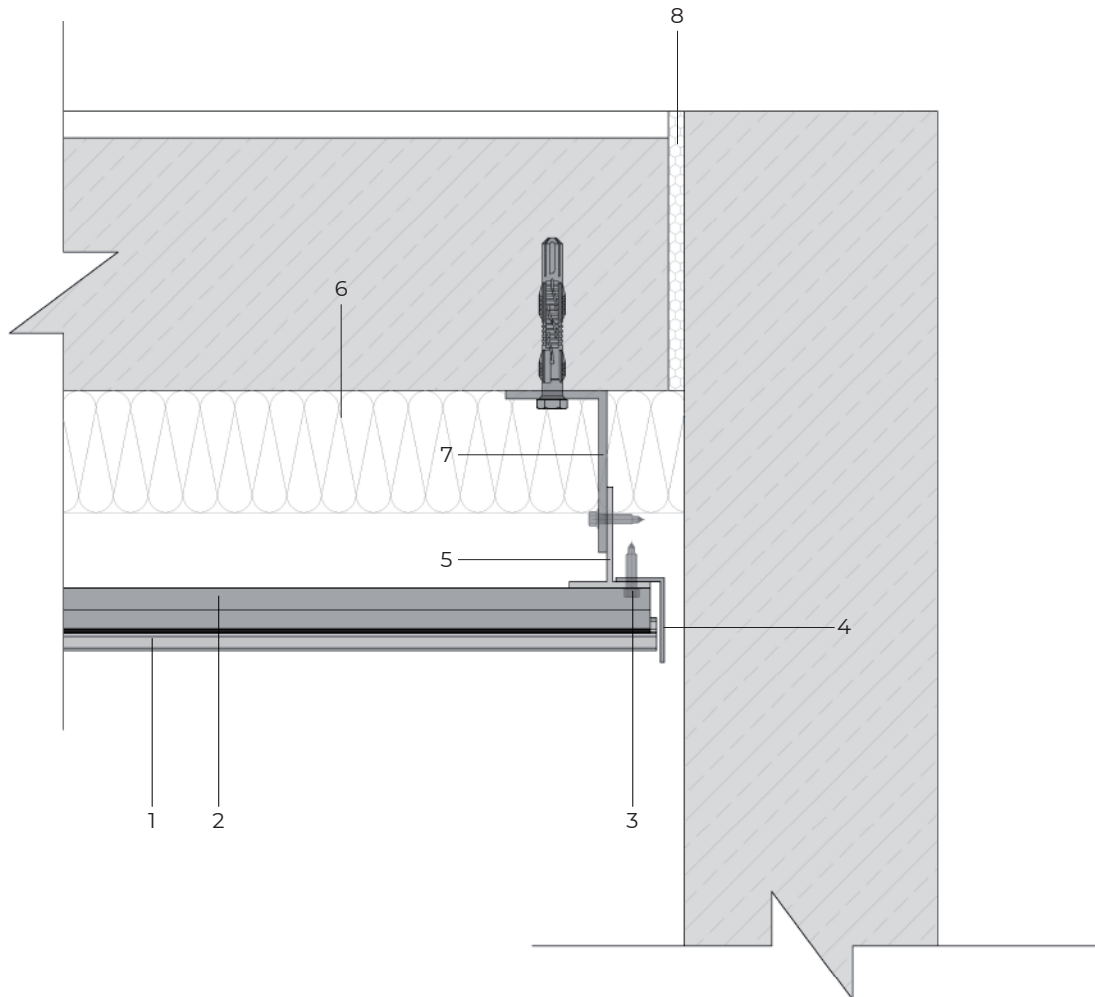
3. Stainless steel self drilling screw 5,5x25mm
(not coated)
Tornillos autotaladrantes de acero inoxidable
5,5x25mm (sin recubrimiento)

4. Vertical T profile 40x50x3mm
Perfil vertical T 40x50x3mm

5. Insulation
Aislamiento

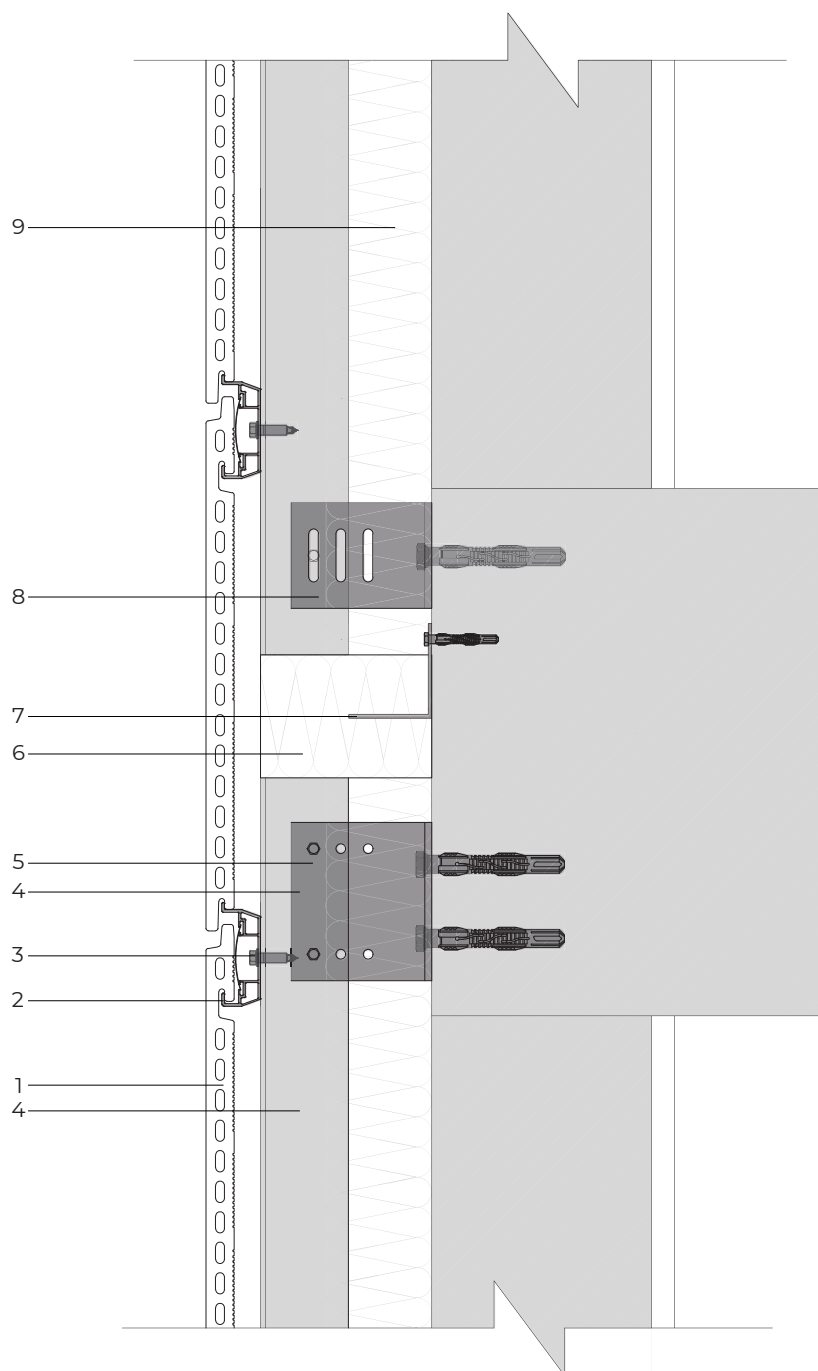
6. Sustaining or retaining bracket
Escuadra sustentación o retención

7. Dilatation joint
Junta de dilatación



Intersection between façade and wall · Detalle
intersección entre fachada y muro

- | | |
|--|---|
| 1. Tempio FK16 tile
Pieza Tempio FK16 | 5. Vertical T profile 40x50x3mm
Perfil vertical T 40x50x3mm |
| 2. Tempio horizontal intermediate profile
22x59mm
Perfil horizontal intermedio Tempio
22x59mm | 6. Insulation
Aislamiento |
| 3. Stainless steel self drilling screw 5,5x25mm
(not coated)
Tornillos autotaladrantes de acero inoxidable
5,5x25mm (sin recubrimiento) | 7. Sustaining or retaining bracket
Escuadra sustentación o retención |
| 4. Termination profile
Perfil terminación | 8. Expansion joint
Junta de expansión |



Firestop barrier detail · Detalle barrera cortafuegos

1. Tempio FK16 tile
Pieza Tempio FK16

2. Tempio horizontal intermediate profile
22x59mm
Perfil horizontal intermedio Tempio
22x59mm

3. Stainless steel self drilling screw 5,5x25mm
(not coated)
Tornillos autotaladrantes de acero inoxidable
5,5x25mm (sin recubrimiento)

4. Vertical T profile 40x50x3mm
Perfil vertical T 40x50x3mm

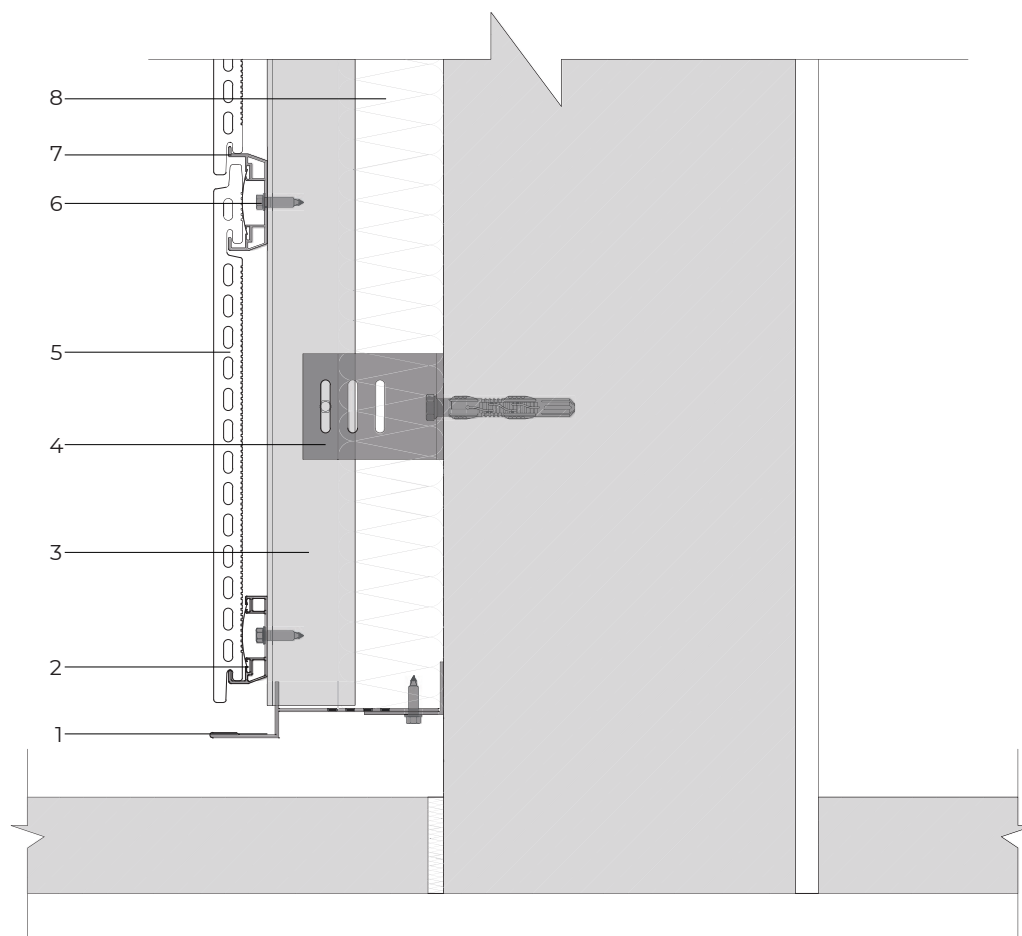
5. Sustaining bracket
Escuadra sustentación

6. Firestop barrier
Barrera cortafuegos

7. Fixation sword
Espada de fijación

8. Retaining bracket
Escuadra retención

9. Insulation
Aislamiento



Starter façade detail · Detalle arranque fachada

- | | |
|---|--|
| 1. Perforated metal sheet
Chapa de metal perforada | 6. Stainless steel self drilling screw 5,5x25mm
(not coated)
Tornillos autotaladrantes de acero inoxidable
5,5x25mm (sin recubrimiento) |
| 2. Tempio horizontal starter profile 22x50mm
Perfil horizontal arranque Tempio 22x50mm | 7. Tempio horizontal intermediate profile
22x59mm
Perfil horizontal intermedio Tempio
22x59mm |
| 3. Vertical T profile 40x50x3mm
Perfil vertical T 40x50x3mm | 8. Insulation
Aislamiento |
| 4. Retaining bracket
Escuadra retención | |
| 5. Tempio FK16 tile
Pieza Tempio FK16 | |

tempio

Basic skin

TECHNICAL DATA SHEET



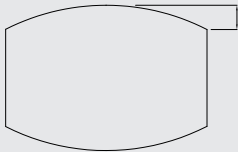
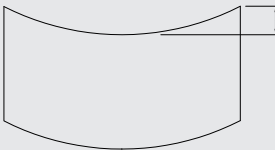
FK16 system
FK Ax16xL
For using in ventilated façades

Water absorption Low absorption paste All the rest of the pastes	EN ISO 10545-3	0 - 4.0% 3.0 - 7.0%
Modulus of rupture	EN ISO 10545-4	>17 N/mm ²
Frost resistance	EN ISO 10545-12	Fulfilled
Resistance to thermal shock	EN ISO 10545-9	Fulfilled
Impact resistance (by measurement of coefficient of restitution)	EN ISO 10545-5	0.7 - 0.9
Fire resistance		A1
Stain resistance	EN ISO 10545-14	Group 5 (glazed)
Chemical resistance	EN ISO 10545-13	Group GA (glazed)
Linear thermal expansion	EN ISO 10545-8	5.75 * 10 ⁻⁶ K ⁻¹ (±1)
Weight		29.0 ± 1.0kg/m ²

tempio

Basic skin

Tolerances and dimensions

Width	In extruding direction	±1.0 mm
Height	Opposite to extruding direction	±2.5 mm
Thickness (16mm)	EN ISO 10545-2	±1.5 mm
Straightness (in extruding direction) Convex effect  Concave effect  (opposite to extruding direction)	EN ISO 10545-2	±1.0 mm to 999 mm ±1.5 mm to 1800 mm ±1.0 mm to 349 mm ±1.1 mm to 449 mm ±1.3 mm to 549 mm ±1.5 mm to 649 mm ±1.7 mm to 749 mm ±1.8 mm to 849 mm ±1.9 mm to 949 mm ±2.0 mm to 1049 mm ±2.1 mm to 1149 mm ±2.2 mm to 1249 mm ±2.3 mm to 1349 mm ±2.4 mm to 1449 mm ±2.5 mm to 1549 mm ±1.0 mm
Ortogonalit	EN ISO 10545-2	±1.0 % of width ±1.0 % of height
Flatness Diagonal flatness Vertical flatness opposite to extruding direction Torsion	EN ISO 10545-2	±1.5 % of diagonal ±1.5 % of height ±1.5 % of diagonal

tempio

FK SYSTEM

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