

tempio

FS SYSTEM

BASIC SKIN

Technical catalogue
Catálogo técnico

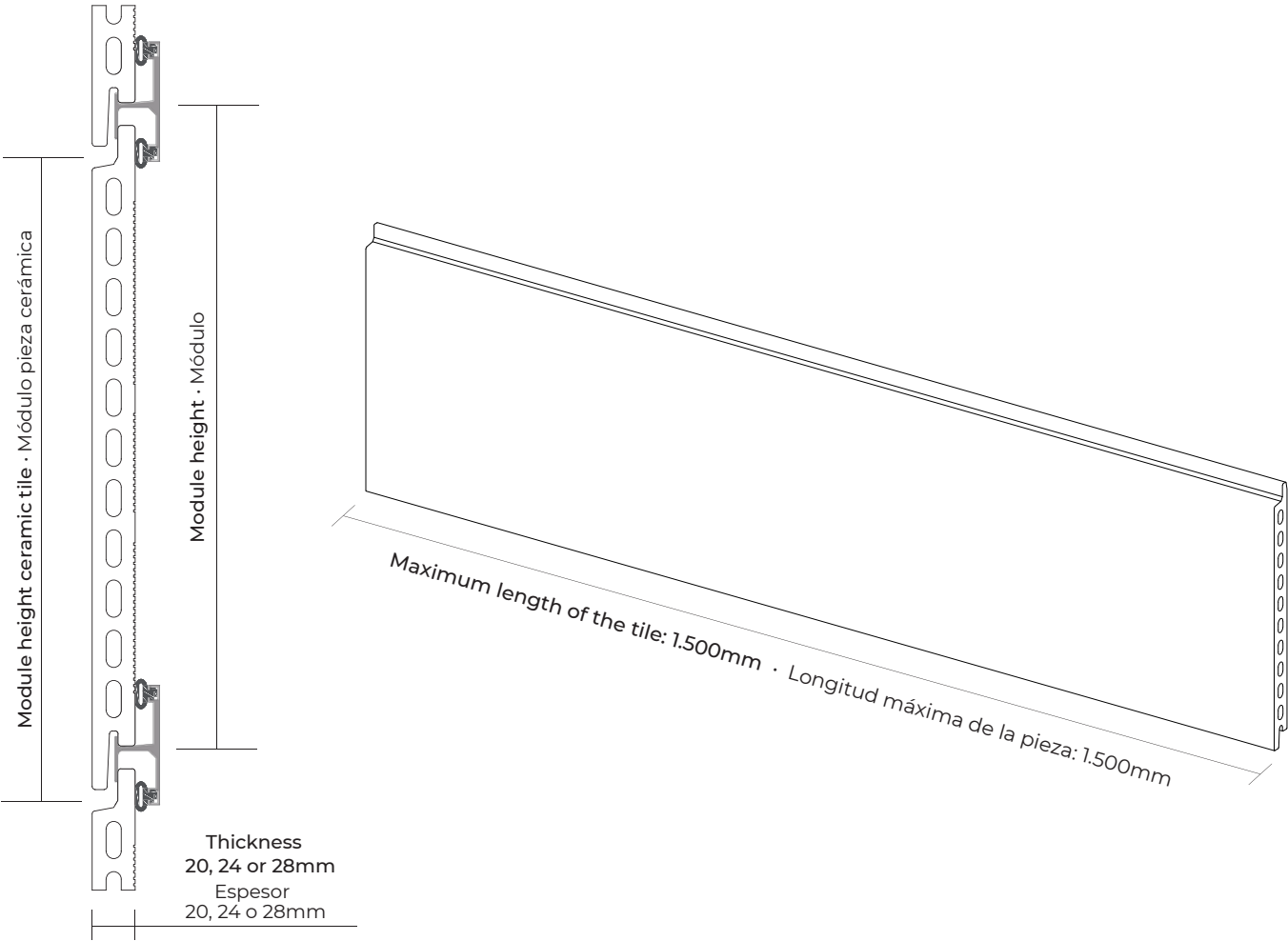


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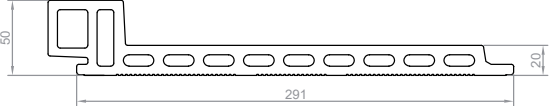
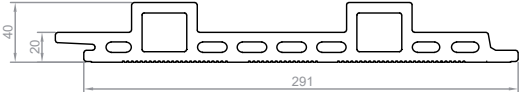
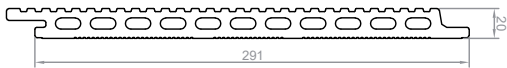
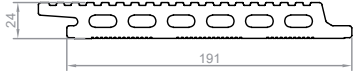
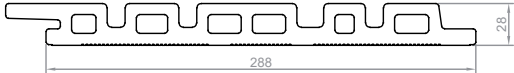
Our FS tile · Nuestra pieza FS

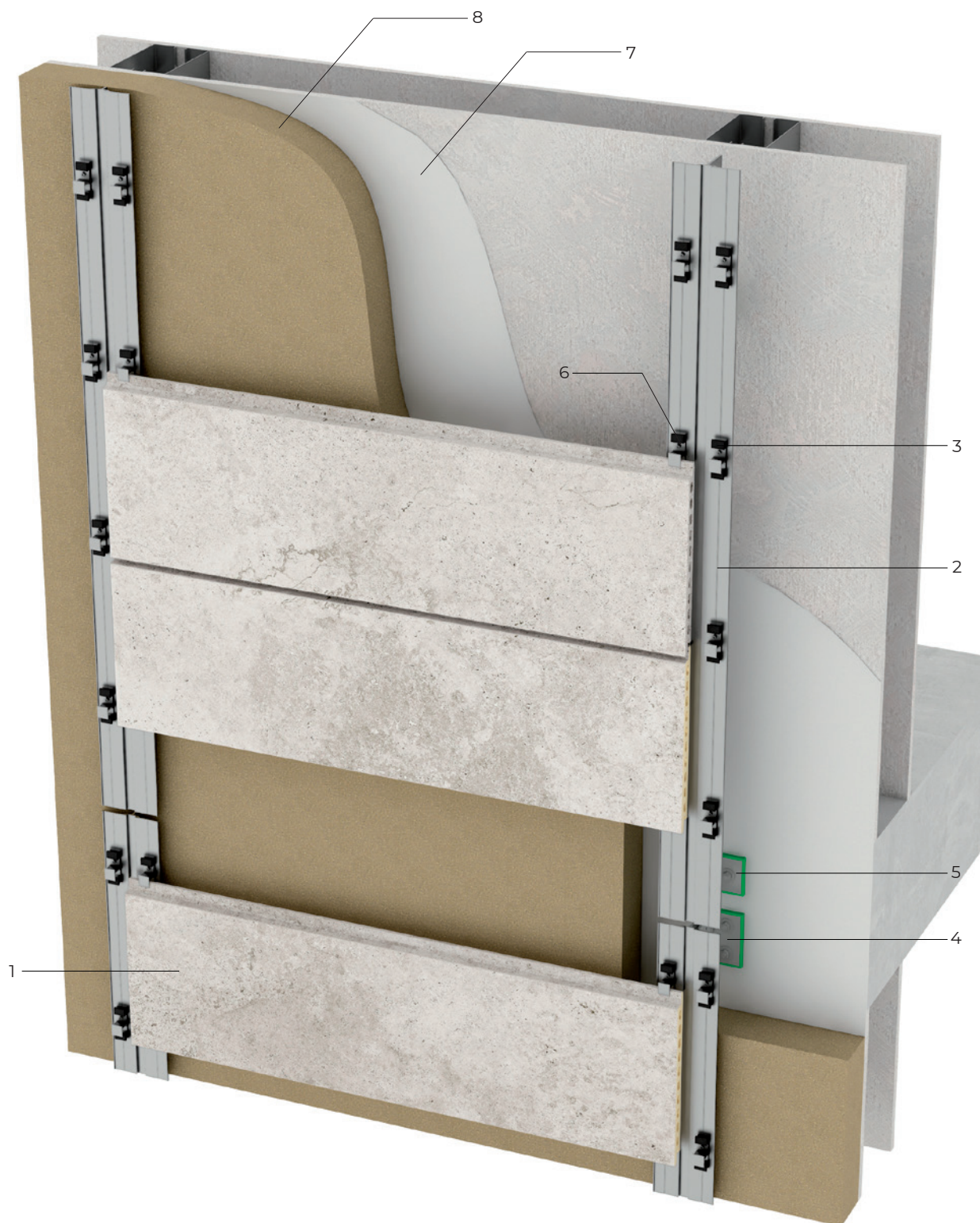


Available molds · Moldes disponibles

	FS-20	FS-24	FS-28	FS-L 2/20	FS-L 2/24	FS-LP 2/28	FS-LP 3/28	FS-L 4/24	FS-LP 5/28	FS-LP 7/28
200mm	✓	✓	✓	□	□	□	□	□	□	□
300mm	✓	✓	✓	✓	✓	✓	□	□	□	□
400mm	✓	✓	✓	□	□	□	✓	□	□	✓
450mm	✓	□	□	□	□	□	□	□	□	□
500mm	✓	✓	□	✓	□	□	□	✓	□	□
600mm	✓	□	✓	□	□	□	□	□	✓	□
Length piece/mm Largo pieza/mm	<1500	<1500	<1500	<1500	<1500	<1500	<1500	<1500	<1500	<1500
Weight/peso - kg/m²	33.0	42.0	48.0	32.0	39.0	42.0	45.0	40.0	45.5	44.5

We have some other **VOLUME TILES** with **FS** anchoring.
Disponemos de otras opciones de **PLACA CON VOLUMEN** con anclaje **FS**.

FS-X/37		<table><tr><td>Modul height</td><td>Length</td><td>Weight</td></tr><tr><td>Módulo</td><td>Longitud</td><td>Peso</td></tr><tr><td>400mm</td><td><1500mm</td><td>36,20kg/m²</td></tr></table>	Modul height	Length	Weight	Módulo	Longitud	Peso	400mm	<1500mm	36,20kg/m ²
Modul height	Length	Weight									
Módulo	Longitud	Peso									
400mm	<1500mm	36,20kg/m ²									
FS-1BB 5/20		<table><tr><td>Modul height</td><td>Length</td><td>Weight</td></tr><tr><td>Módulo</td><td>Longitud</td><td>Peso</td></tr><tr><td>300mm</td><td><1500mm</td><td>36,30kg/m²</td></tr></table>	Modul height	Length	Weight	Módulo	Longitud	Peso	300mm	<1500mm	36,30kg/m ²
Modul height	Length	Weight									
Módulo	Longitud	Peso									
300mm	<1500mm	36,30kg/m ²									
FS-D 5/23		<table><tr><td>Modul height</td><td>Length</td><td>Weight</td></tr><tr><td>Módulo</td><td>Longitud</td><td>Peso</td></tr><tr><td>300mm</td><td><1500mm</td><td>30,4kg/m²</td></tr></table>	Modul height	Length	Weight	Módulo	Longitud	Peso	300mm	<1500mm	30,4kg/m ²
Modul height	Length	Weight									
Módulo	Longitud	Peso									
300mm	<1500mm	30,4kg/m ²									
FS-2B 5/20		<table><tr><td>Modul height</td><td>Length</td><td>Weight</td></tr><tr><td>Módulo</td><td>Longitud</td><td>Peso</td></tr><tr><td>300mm</td><td><1500mm</td><td>36,30kg/m²</td></tr></table>	Modul height	Length	Weight	Módulo	Longitud	Peso	300mm	<1500mm	36,30kg/m ²
Modul height	Length	Weight									
Módulo	Longitud	Peso									
300mm	<1500mm	36,30kg/m ²									
FS-T 7/28		<table><tr><td>Modul height</td><td>Length</td><td>Weight</td></tr><tr><td>Módulo</td><td>Longitud</td><td>Peso</td></tr><tr><td>300mm</td><td><1500mm</td><td>34,60kg/m²</td></tr></table>	Modul height	Length	Weight	Módulo	Longitud	Peso	300mm	<1500mm	34,60kg/m ²
Modul height	Length	Weight									
Módulo	Longitud	Peso									
300mm	<1500mm	34,60kg/m ²									
FS-L 28/20		<table><tr><td>Modul height</td><td>Length</td><td>Weight</td></tr><tr><td>Módulo</td><td>Longitud</td><td>Peso</td></tr><tr><td>300mm</td><td><1500mm</td><td>29,60kg/m²</td></tr></table>	Modul height	Length	Weight	Módulo	Longitud	Peso	300mm	<1500mm	29,60kg/m ²
Modul height	Length	Weight									
Módulo	Longitud	Peso									
300mm	<1500mm	29,60kg/m ²									
FS-L 18/24		<table><tr><td>Modul height</td><td>Length</td><td>Weight</td></tr><tr><td>Módulo</td><td>Longitud</td><td>Peso</td></tr><tr><td>200mm</td><td><1500mm</td><td>37,50kg/m²</td></tr></table>	Modul height	Length	Weight	Módulo	Longitud	Peso	200mm	<1500mm	37,50kg/m ²
Modul height	Length	Weight									
Módulo	Longitud	Peso									
200mm	<1500mm	37,50kg/m ²									
FS-LP 4E/28		<table><tr><td>Modul height</td><td>Length</td><td>Weight</td></tr><tr><td>Módulo</td><td>Longitud</td><td>Peso</td></tr><tr><td>300mm</td><td><1500mm</td><td>40,30kg/m²</td></tr></table>	Modul height	Length	Weight	Módulo	Longitud	Peso	300mm	<1500mm	40,30kg/m ²
Modul height	Length	Weight									
Módulo	Longitud	Peso									
300mm	<1500mm	40,30kg/m ²									

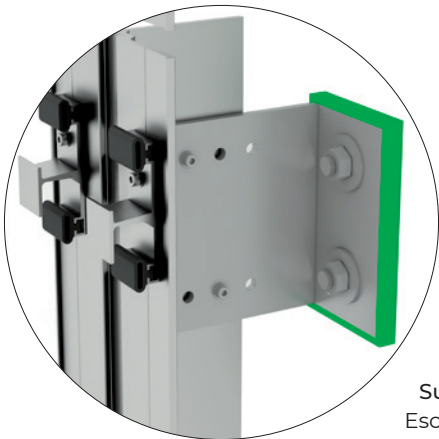


Perspective · Perspectiva

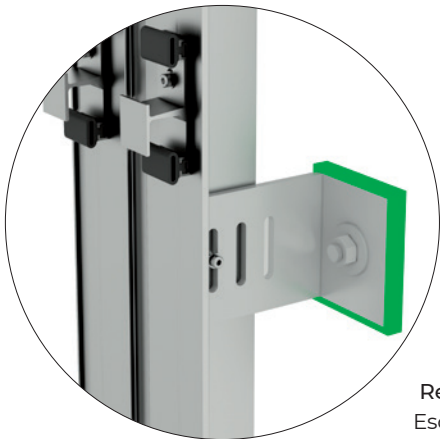
- | | |
|---|---|
| <p>1. Tempio FS20 tile
Pieza Tempio FS20</p> <p>2. Vertical T profile 105x60mm
Perfil vertical T 105x60mm</p> <p>3. Intermediate clip
Clip intermedio</p> <p>4. Sustaining bracket
Escuadra de sustentación</p> <p>5. Retaining bracket
Escuadra de retención</p> | <p>6. Stainless steel self drilling screw 5,5x25mm
(not coated)
Tornillos autotaladrantes de acero inoxidable
5,5x25mm (sin recubrimiento)</p> <p>7. Waterproof layer
Lámina impermeable</p> <p>8. Insulation
Aislamiento</p> |
|---|---|



System back view · Vista trasera del sistema



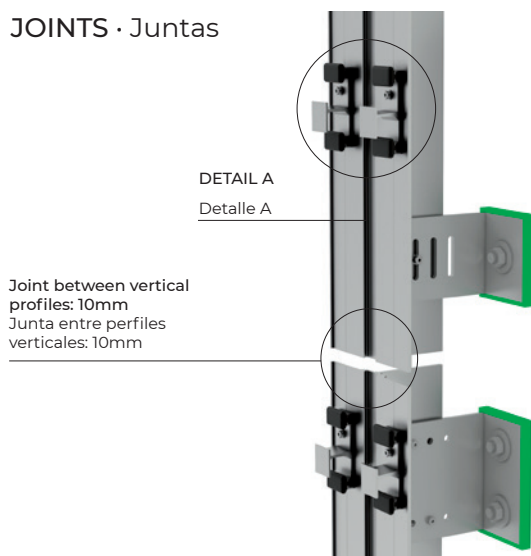
Sustaining bracket
Escuadra sustentación



Retaining bracket
Escuadra retención



JOINTS · Juntas





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

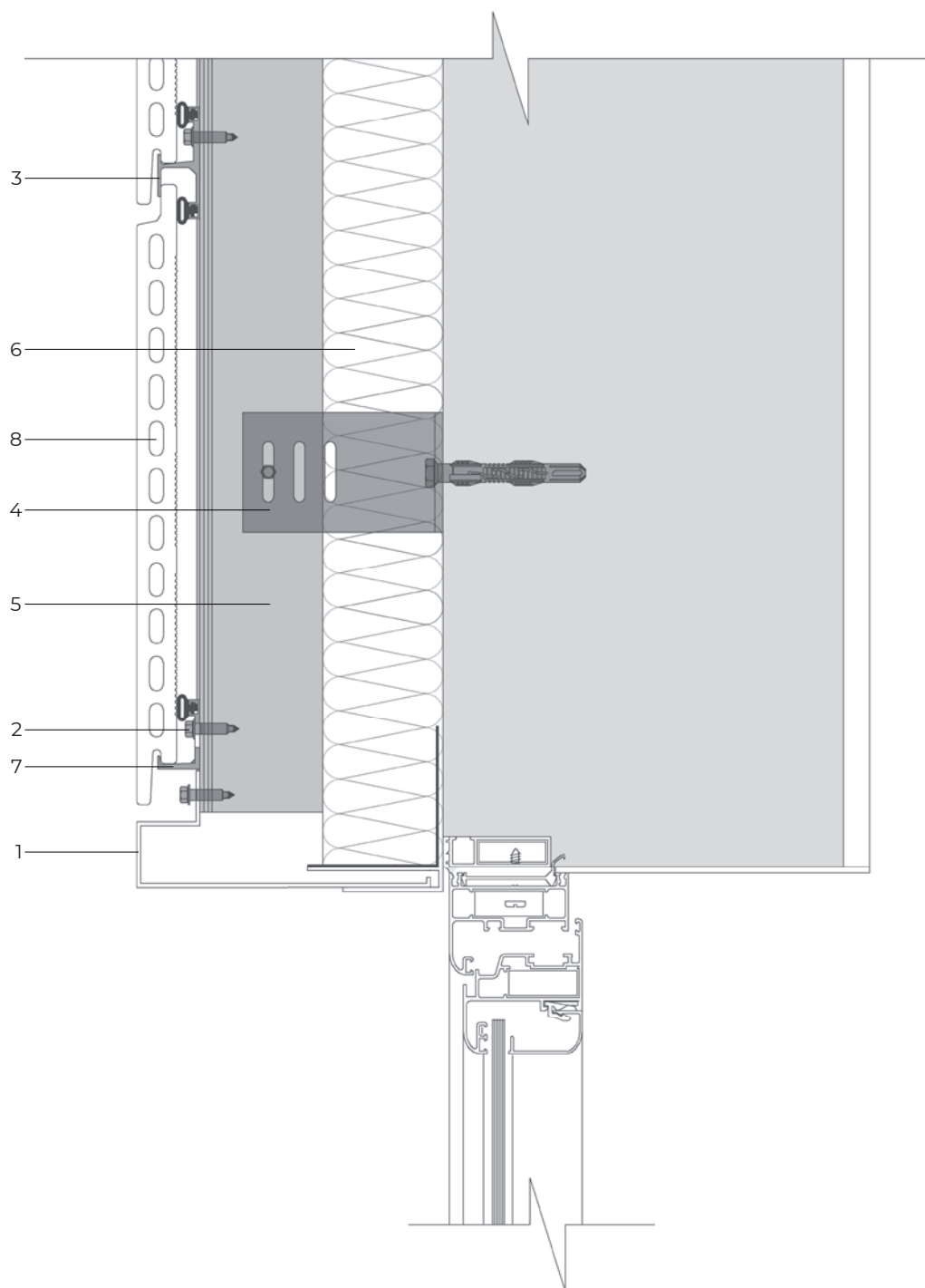
1. Tempio FS20 tile cut at 45°
Pieza Tempio FS20 cortada a 45°



Replacement · Reemplazamiento

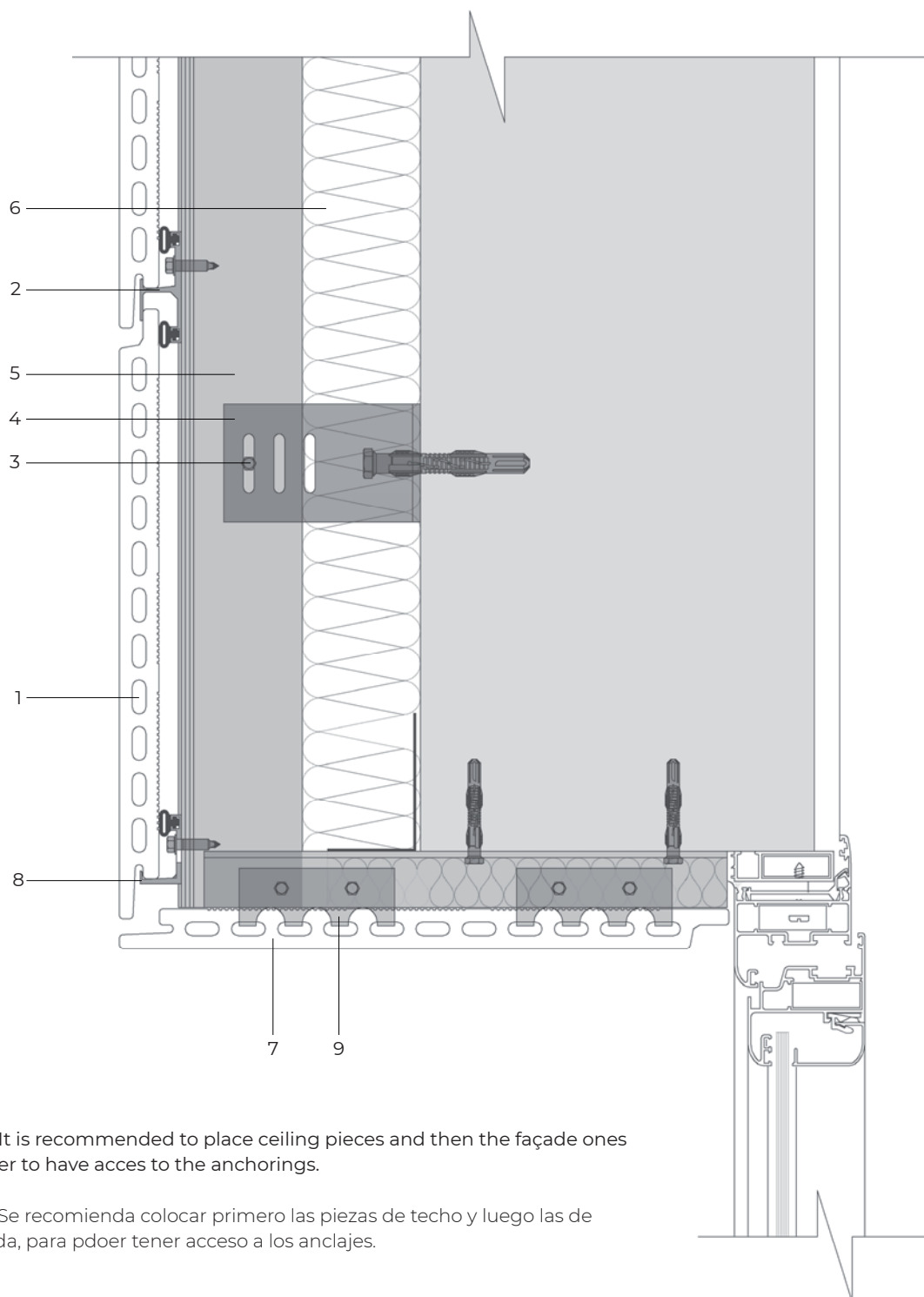
Our system has been layed out so that tiles can be replaced easily, without having to remove the whole façade.

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



Metallic lintel detail · Detalle dintel metálico

- | | |
|--|--|
| 1. Metallic lintel
Dintel metálico | 5. Vertical T profile 105x60mm
Perfil vertical T 105x60mm |
| 2. Stainless steel self drilling screw 5,5x25mm
(not coated)
Tornillos autotaladrantes de acero inoxidable
5,5x25mm (sin recubrimiento) | 6. Aislamiento
Insulation |
| 3. Intermediate clip
Clip intermedio | 7. Bottom/top clip
Clip de arranque/terminación |
| 4. Retaining bracket
Escuadra retención | 8. Tempio FS20 tile
Pieza Tempio FS20 |

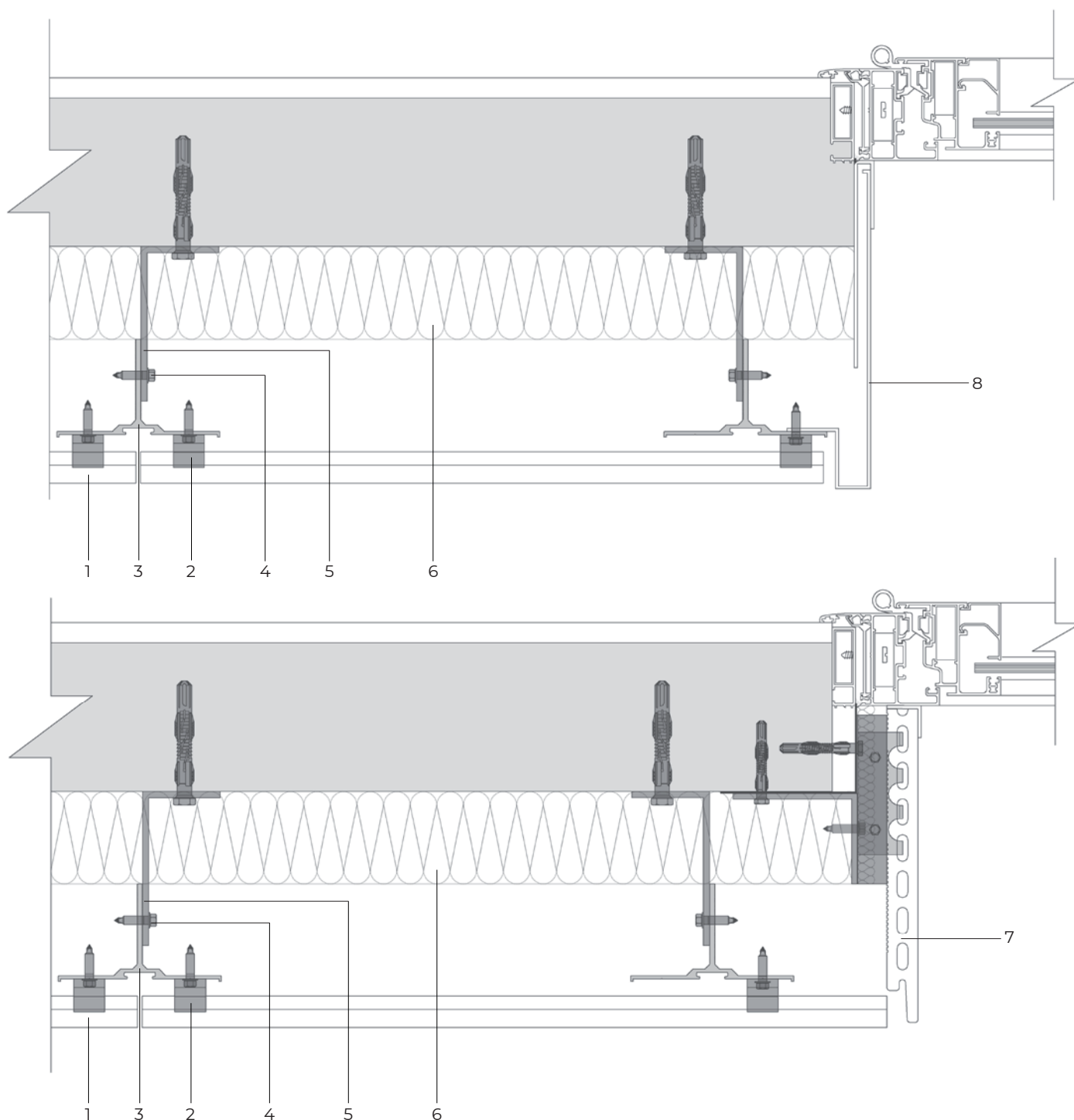


Note: It is recommended to place ceiling pieces and then the façade ones in order to have access to the anchorings.

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

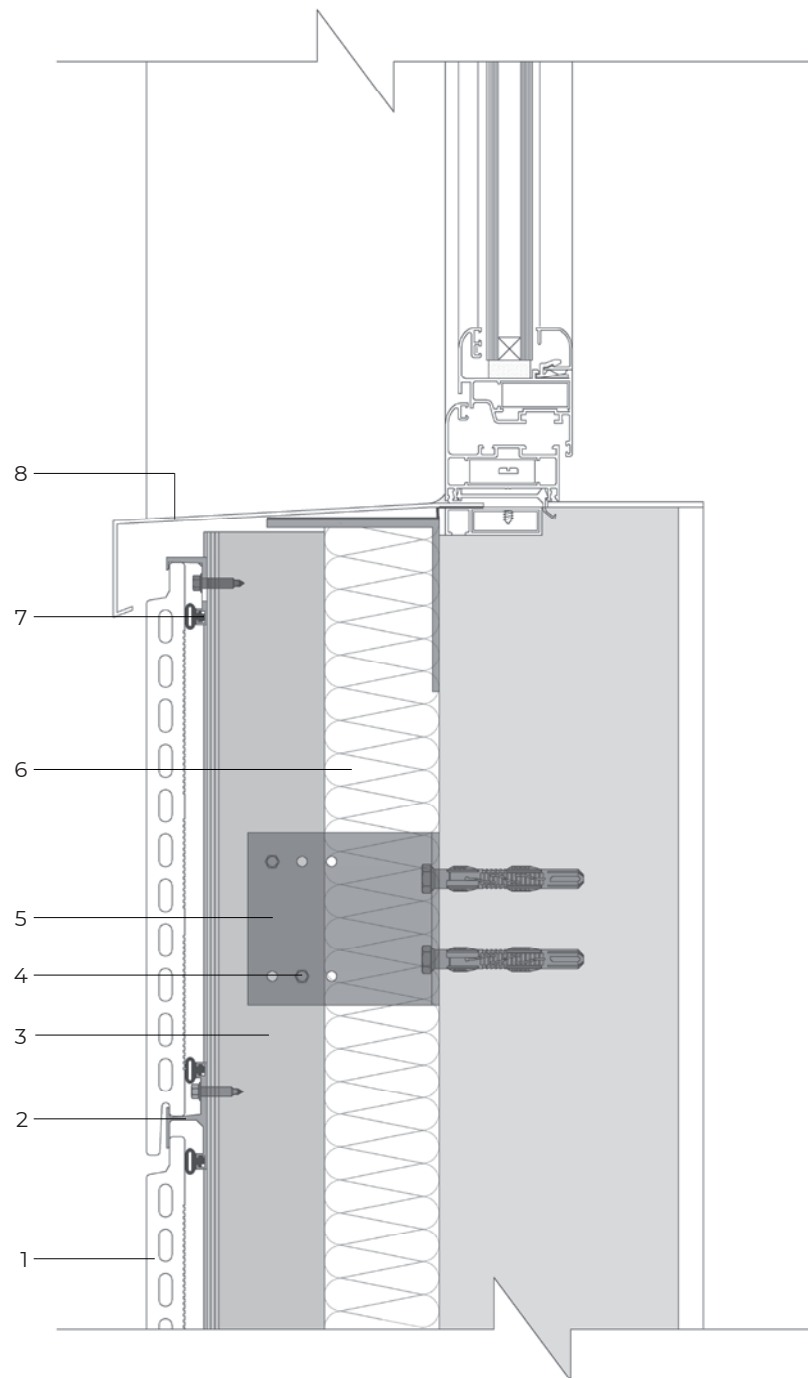
- | | |
|---|--|
| 1. Tempio FS20 tile
Pieza Tempio FS20 | 5. Vertical T profile 105x60mm
Perfil vertical T 105x60mm |
| 2. Intermediate clip
Clip intermedio | 6. Insulation
Aislamiento |
| 3. Stainless steel self drilling screws 5,5x25mm
(not coated)
Tornillos autotaladrantes de acero inoxidable
5,5x25mm (sin recubrimiento) | 7. Ceramic lintel
Dintel cerámico |
| 4. Retaining bracket
Escuadra retención | 8. Bottom/Top clip
Clip Arranque/Terminación |
| | 9. "Peine" anchoring
Anclaje de peine |



Metallic and ceramic jamb details · Detalle jamba metálica y cerámica

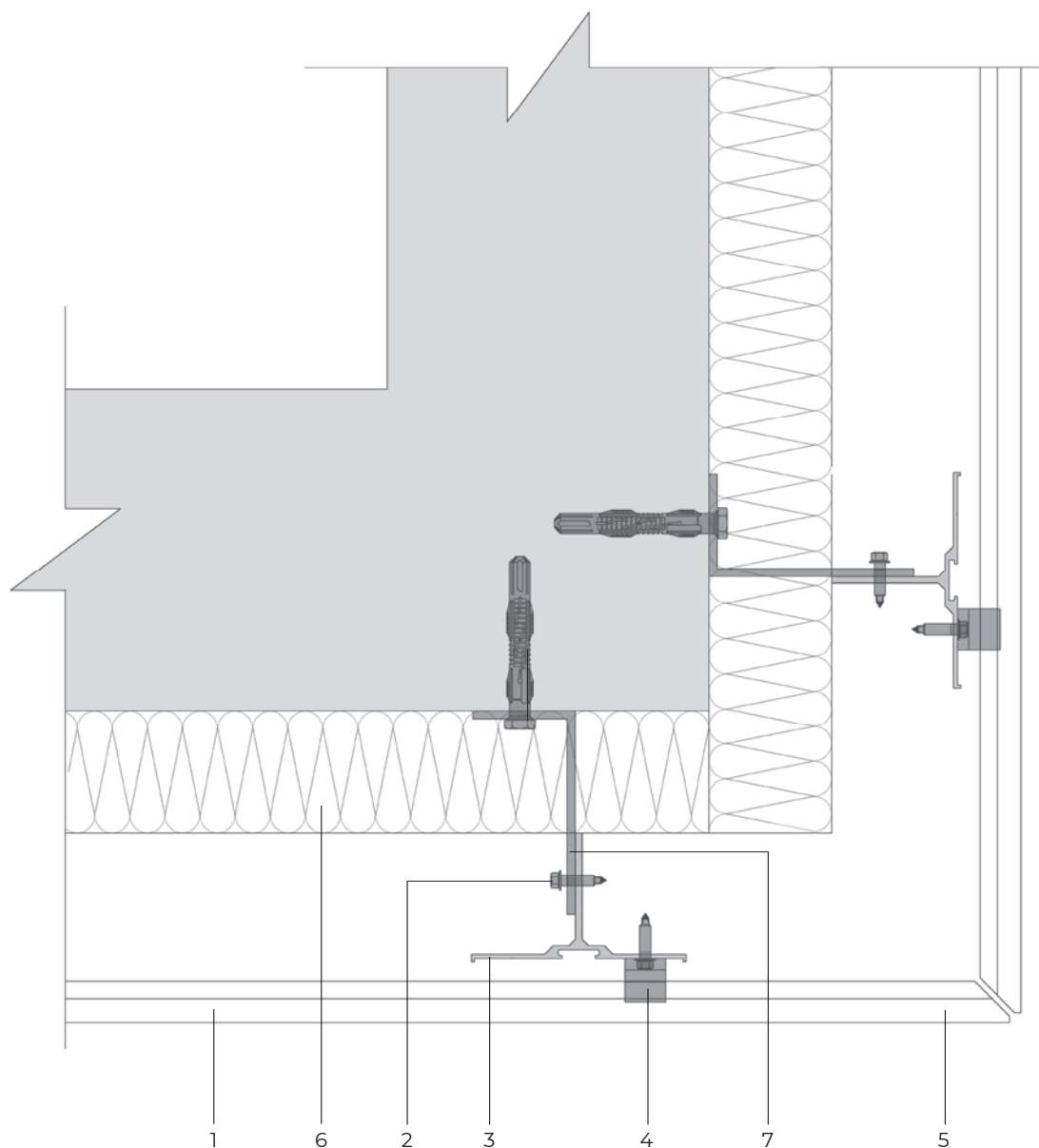
1. Tempio FS20 tile
Pieza Tempio FS20
2. Intermediate clip
Clip intermedio
3. Vertical T profile 105x60mm
Perfil vertical T 105x60mm
4. Stainless steel self drilling screw 5,5x25mm
(not coated)
Tornillos autotaladrantes de acero inoxidable
5,5x25mm (sin recubrimiento)

5. Retaining bracket
Escuadra de retención
6. Insulation
Aislamiento
7. Ceramic jamb (tile placed vertically)
Jamba cerámica (pieza colocada
verticalmente)
8. Metallic jamb
Jamba metálica



Metallic sill detail · Detalles vierteaguas metálico

- | | |
|--|---|
| 1. Tempio FS20 tile
Pieza Tempio FS20 | 5. Sustaining bracket
Escuadra de sustentación |
| 2. Intermediate clip
Clip intermedio | 6. Insulation
Aislamiento |
| 3. Vertical T profile 105x60mm
Perfil vertical T 105x60mm | 7. Top/bottom clip
Clip arranque/terminación |
| 4. Stainless steel self drilling screw 5,5x25mm
(not coated)
Tornillos autotaladrantes de acero inoxidable
5,5x25mm (sin recubrimiento) | 8. Metallic jamb
Jamba metálica |



Mitre cut corner detail · Detalle esquina a inglete

1. Tempio FS20 tile
Pieza Tempio FS20

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

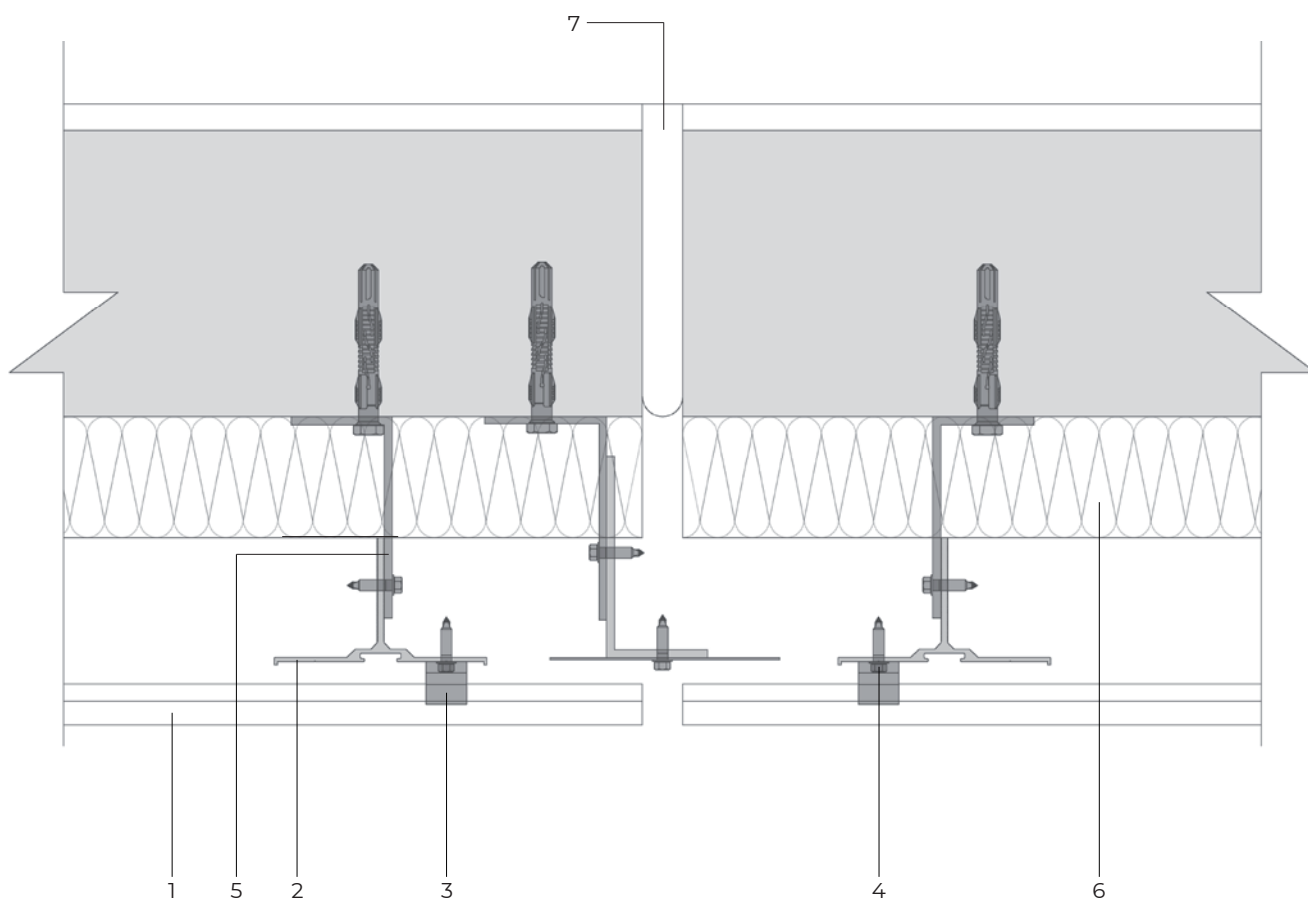
3. Vertical T profile 105x60mm
Perfil vertical T 105x60mm

4. Intermediate clip
Clip intermedio

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

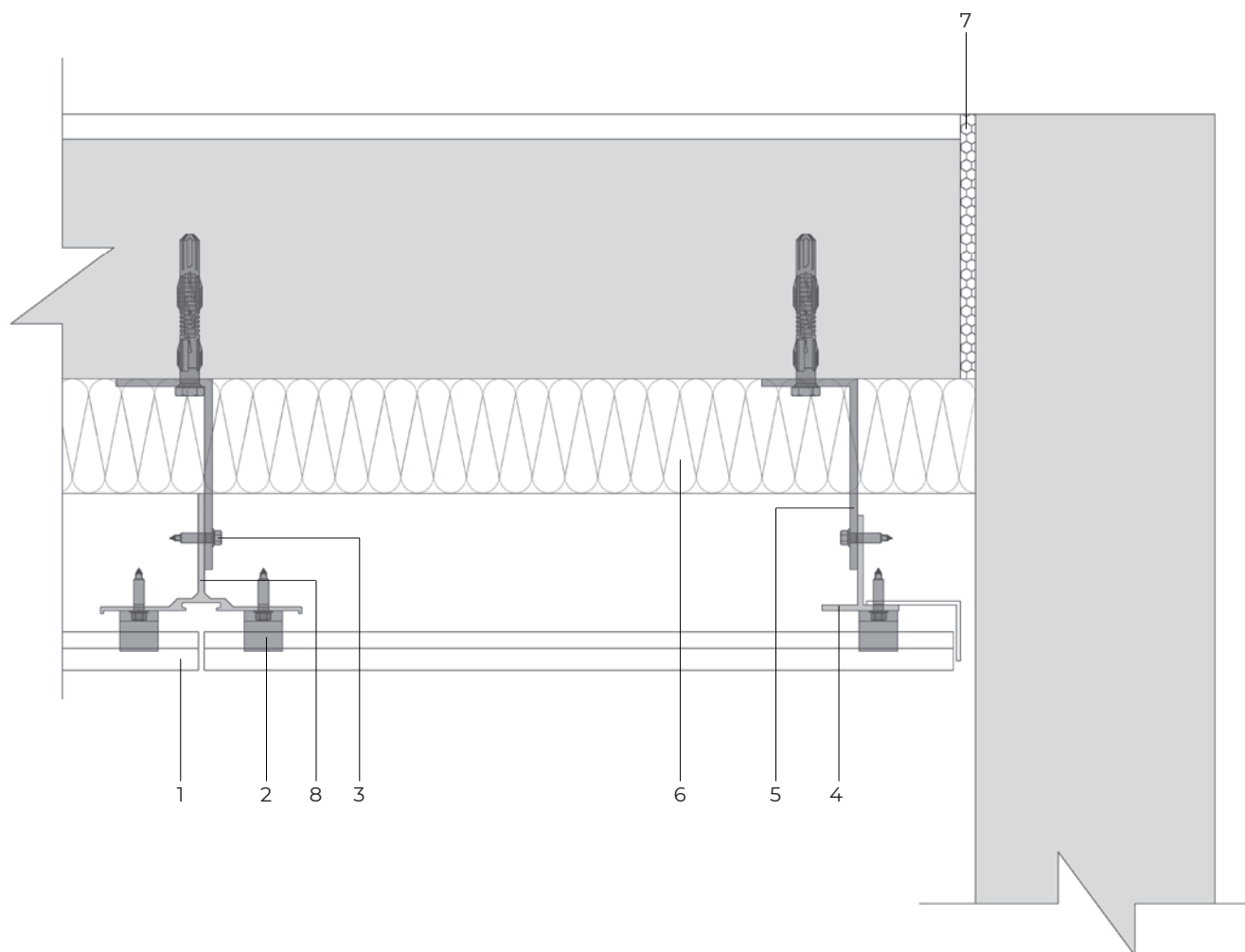
6. Insulation
Aislamiento

7. Sustaining or retaining bracket
Escuadra de sustentación o retención



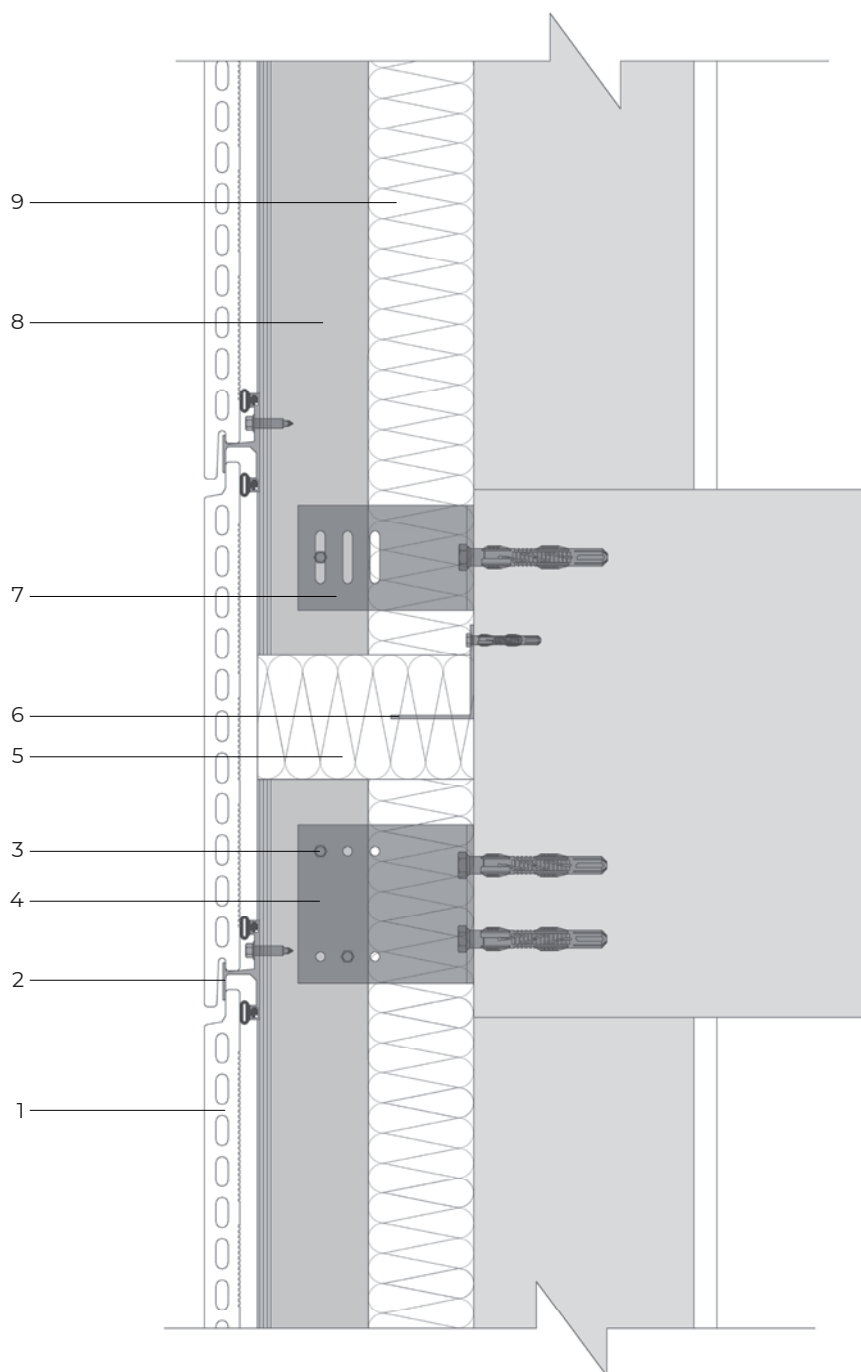
Dilatation joint detail · Detalle junta de dilatación

- | | |
|--|---|
| 1. Tempio FS20 tile
Pieza Tempio FS20 | 5. Sustaining or retaining bracket
Escuadra sustentación o retención |
| 2. Vertical T profile 105x60mm
Perfil vertical T 105x60mm | 6. Insulation
Aislamiento |
| 3. Intermediate clip
Clip intermedio | 7. Dilatation joint
Junta de dilatación |
| 4. Stainless steel self drilling screw 5,5x25mm
(not coated)
Tornillos autotaladrantes de acero inoxidable
5,5x25mm (sin recubrimiento) | |



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

- | | |
|--|---|
| 1. Tempio FS20 tile
Pieza Tempio FS20 | 5. Sustaining or retaining bracket
Escuadra sustentación o retención |
| 2. Intermediate clip
Clip intermedio | 6. Insulation
Aislamiento |
| 3. Stainless steel self drilling screw 5,5x25mm
(not coated)
Tornillos autotaladrantes de acero inoxidable
5,5x25mm (sin recubrimiento) | 7. Expansion joint
Junta de expansión |
| 4. Vertical T profile 40x50x3mm
Perfil vertical T 40x50x3mm | 8. Vertical T profile 105x60mm
Perfil vertical T 105x60mm |



Firestop barrier detail · Detalle barrera cortafuegos

1. Tempio FS20 tile
Pieza Tempio FS20

2. Intermediate clip
Clip intermedio

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

4. Sustaining bracket
Escuadra de sustentación

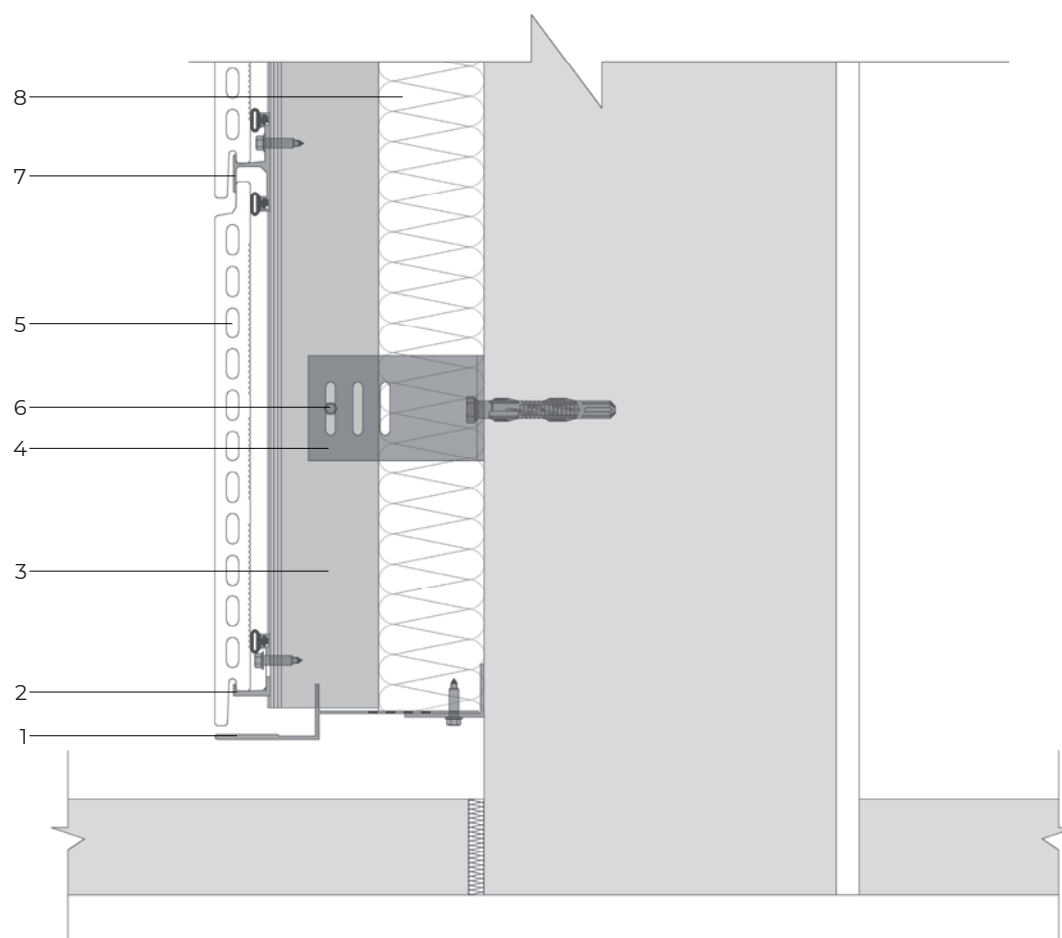
5. Firestop barrier
Barrera cortafuegos

6. Fixation sword
Espada de fijación

7. Retaining bracket
Escuadra retención

8. Vertical T profile 105x60mm
Perfil vertical T 105x60mm

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. Top/Bottom clip
Clip arranque/terminación | 7. Intermediate clip
Clip intermedio |
| 3. Vertical T profile 105x60mm
Perfil vertical T 105x60mm | 8. Insulation
Aislamiento |
| 4. Retaining bracket
Escuadra retención | |
| 5. Tempio FS20 tile
Pieza Tempio FS20 | |

tempio

Basic skin

TECHNICAL DATA SHEET



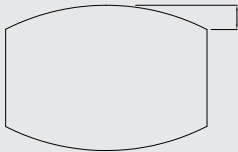
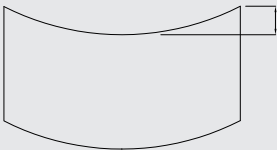
FS20 system
FS Ax20xL
For using in ventilated façades

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		36.0 ± 1.0kg/m ²

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Basic skin

Tolerances and dimensions

Width	In extruding direction	±1.0 mm
Height	Opposite to extruding direction	±2.5 mm
Thickness (20mm)	EN ISO 10545-2	±2.0 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

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FS SYSTEM

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