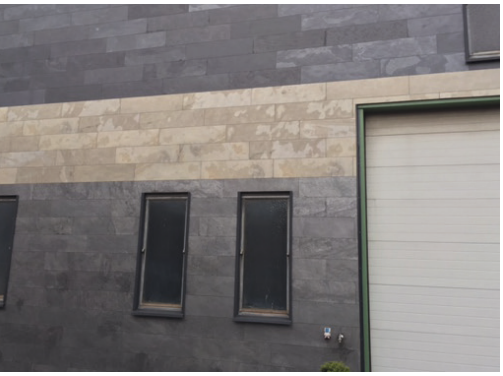
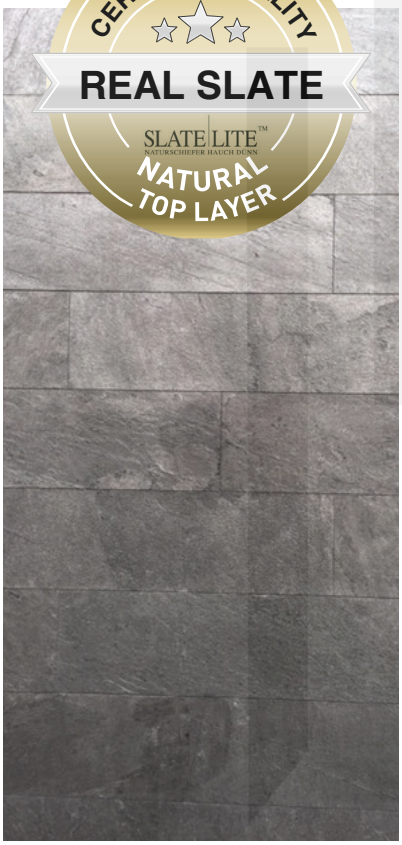
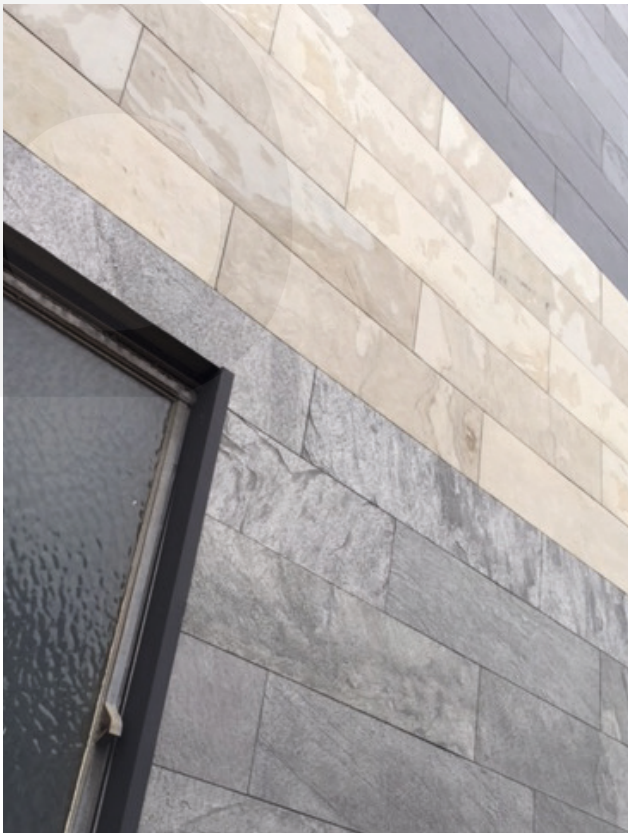
SLATE LITE™

SLATE-LITE FACADE-SYSTEM:

The new style of ventilated exterior cladding







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Facade-System: Components & Accessories

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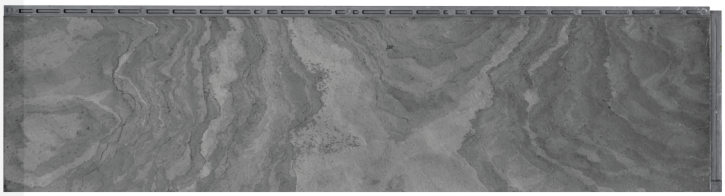
Decor: Silver Grey *(No. #1108102) | 1200x300 mm*



Decor: Negro *(No. #1108100) | 1200x300 mm*

Decor: Tan *(No. #1108101) | 1200x300 mm*

Aluminum Corner

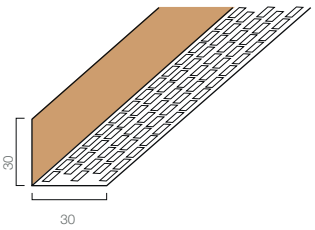
No. #1108001

15mm | Anthracite | Lenght 5m

Aluminum U-Profile

No. #1108002

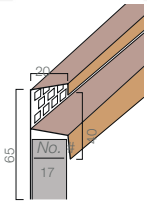
13mm | Anthracite | Length 5m



PCV Ventilation Angle

Black | Length 2,5m

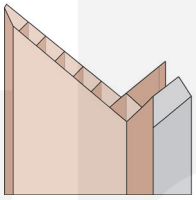
No. #1108004



PVC Eaves Ventilation Profile

Black | Length 5m

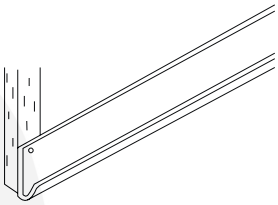
No. #1108005



PVC Connecting Bar

17mm Insertion | Length 5m

No. #1108003



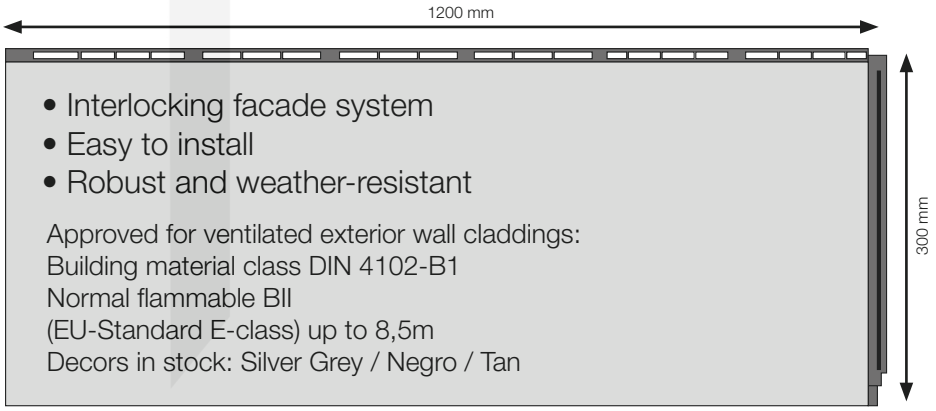
Starter Rail

Length 3,2m

No. #1108006

Interlocking system:
Open closure

Interlocking system:
Closed closure



- Interlocking facade system
- Easy to install
- Robust and weather-resistant

Approved for ventilated exterior wall claddings:
Building material class DIN 4102-B1
Normal flammable BII
(EU-Standard E-class) up to 8,5m
Decors in stock: Silver Grey / Negro / Tan

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SLATE LITE™

Facade System: Technical Data

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MATERIAL

Surface: 100% natural stone surface
Support element made of glass fiber reinforced composite resin on a polyester resin basis.
Hailproof, impact resistant to EN ISO 179 (KJ/m² ≥ 60)
Maximum expansion 0,02 mm / °C / m

SPECIFICS

Density	*Flexural strength*	*Flexural modulus*
1,80 ± 0,05 g/cm³	≥ 150 MPa	≥ 10.000 MPa
EN ISO 1183	EN ISO 178	EN ISO 178

Impact strength	*Water absorption*
≥ 60 kJ/m²	≤ 0,3 % (4d/23°C)
EN ISO 179	EN ISO 62

DIMENSIONS

Absolute dimensions: approx. 1.220 x 317 mm
Thickness of facade elements approx. 11,5 mm
Wall thickness approx. 4 mm (approx. 1,5 mm slate)

THERMAL CONDUCTIVITY

W(mk) = 0,5

MASS

approx. 7,3 kg / m² (approx. 2,76 kg / element

BUILDING MATERIAL CLASSES

Building material class BII normal flammable according to DIN 4102
Class E according to DIN EN 13501-01

PROCESSING

Processing on a vertical wooden or aluminum subtructure as a suspended ventilated facade (VhF) from the lower left to the upper right. Concealed fixing by stainless screws or nails in the nail strip of the facade element.
Processing with a cut-off grinder.

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Processing instructions: Facade system

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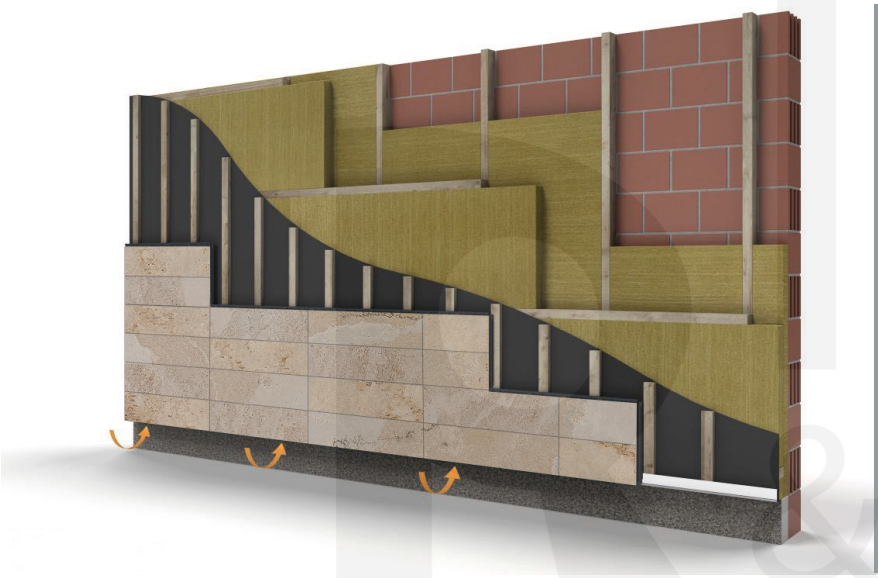


IMPORTANT INFORMATION

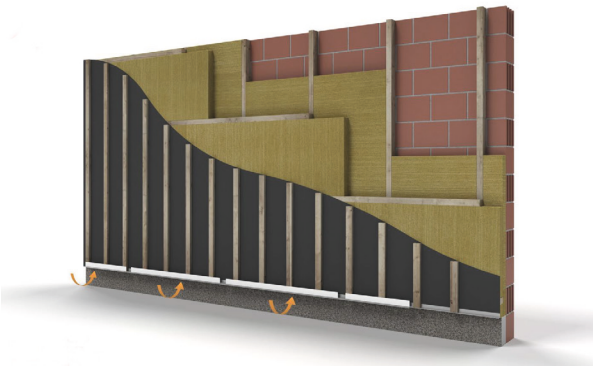
In this processing manual you'll find detailed instructions for the interlocking facade system by *Slate-Lite*.
This instruction contains only general information about the processing of the *Slate-Lite* facade system. Relevant are the local conditions at the construction site, therefore no claims can be derived from the data.

Please also pay attention to ventilation and expansion: Strain per meter/per degree °C 0,02mm!

Facade system is approved by the building authorities for ventilated exterior wall cladding: building material class DIN 4102-B1.

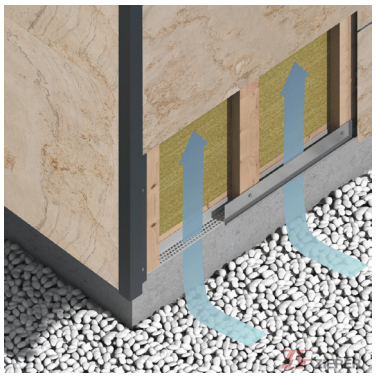
Normal flammable BII (EU-Standard E-class) up to 8,5m.

1) SUBCONSTRUCTION



The subconstruction is built according to the insulation thickness. The counter-battern can be used to compensate uneven walls. The vertical load-bearing structure is created at a distance of 25 cm, thus ensuring unobstructed ventilation. The starter rail is attached to the slat ends with the ventilation profile (lower ventilation) so that at least 3 cm distance remain to the subsoil.

1) STARTER RAIL AND LOWER VENTILATION *(No. #1108006)*



The starter rail is aligned horizontally and fastened to the battens with the ventilation profile (anti-mosquito protection) so that approx. 3 cm clearance (ventilation) remains to the subsoil. The transfer is from left to right, starting with a whole element. The recess in the starter rail is not to be considered.

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Processing instructions: Facade system

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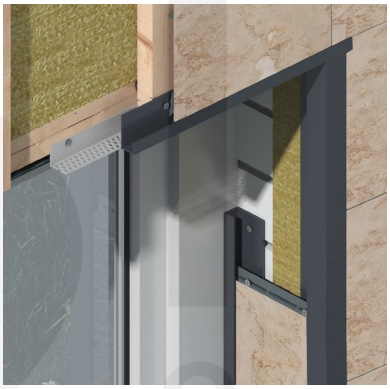
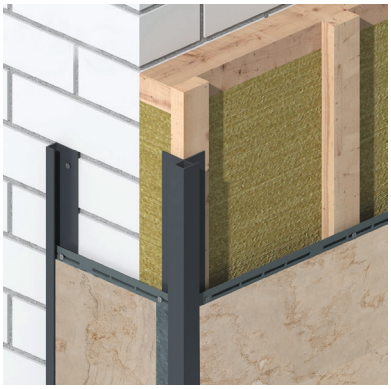
3) USE OF THE U-PROFILE *(No. #1108002)*

The U-Profile is mounted in the area of the inner corner with insert on both sides.

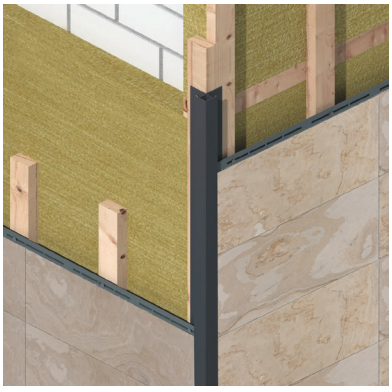


The U-Profile is mounted as a connection to a window frame. A ventilation profile (lower ventilation) is also installed in the lintel area above the window.



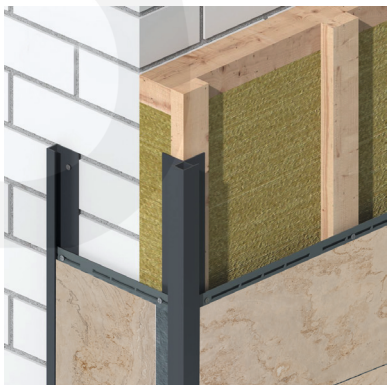
The U-Profile is used as a finish of the facade to a non-clad side.

4) USE OF THE CORNER PROFILE *(No. #1108001)*



The corner profile is used for cladding of the building exterior corner.

Corner profile in use with the U-Profile for connection to a window frame. A ventilation profile (lower ventilation) is also installed in the lintel area above the window.



Corner profile in use with the U-Profile for connection to a non-clad surface.

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Processing instructions: Facade system

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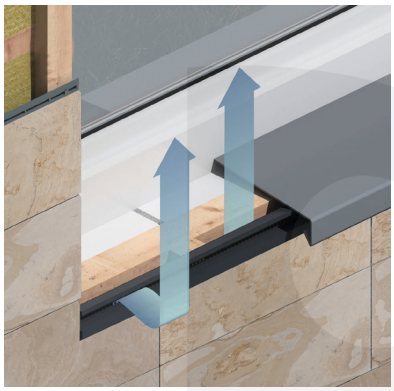
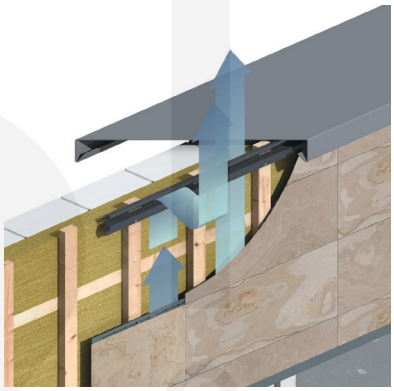
5) UPPER CONNECTION WITH VENTILATION PROFILE *(No. #1108004)*



Connection profile of the facade area under the window sill (ventilation).



Top connection to the roof connection or roof slope (venting).

6) CONNECTION TO A NON-CLAD SURFACE *(No. #1108003)*

Side-facing to a non-cladded facade surface with 120 mm leg length.

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