



## Alsecco Ecomin 400 Brick Slips

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### Detailed description

A thick coat, mineral wool, external wall insulation façade system which is faced with brick slips or ceramic tiles, offering a greater degree of impact resistance.

#### Features/ Benefits:

- Increased fire resistance.
- Weather resistant.
- Excellent weathering and durability.
- High impact resistance.
- Consistent finish.
- Range of colours.

### Product guidance - As Standard

#### Armatop MP:

- Material: Cement-based, comprising limestone sand and additives.
- Colour: Grey.
- Density: 1.4 g/cm<sup>3</sup>.
- Adhesive pull strength:  $\geq 0.08$  N/mm<sup>2</sup> (on polystyrene).
- Capillary water absorption:  $w < 0.2$  kg/(m<sup>2</sup>h<sup>1/2</sup>).
- Diffusion-equivalent air-layer thickness:  $s_d = < 0.1$  m (at 2 mm).
- Drying time: 1–3 days (approximate).

#### Armatop A:

- Material: Portland cement with redispersible synthetic-resin powder.
- Colour: Grey.
- Density: 1.4 g/cm<sup>3</sup>.
- Adhesive pull strength:  $\geq 0.08$  N/mm<sup>2</sup> (on polystyrene).
- Capillary water absorption:  $w = < 0.15$  kg/(m<sup>2</sup>h<sup>1/2</sup>).
- Diffusion-equivalent air-layer thickness:  $s_d = < 0.1$  m (at 4 mm).
- Drying time: 3–5 days (approximate).

#### Fire rating:

A2-s1, d0 or B-s2, d0.

#### Thermal conductivity:

0.036–0.042 W/mK.



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## Options

### Sub primer:

#### - Sub Primer HT:

- Material: Acrylic-resin dispersion.
- Colour: Opaque blue (transparent when dry).
- Density: 1.00 g/cm<sup>3</sup>.
- Drying time: 2–4 hours.

#### - Sub Primer P:

- Material: Styrene acrylate dissolved in solvent.
- Colour: Transparent.
- Density: 0.82 g/cm<sup>3</sup>.

### Reinforcement:

#### - Mesh 32:

- Material: Multi-stranded alkali-resistant glass-fibres with a polymer coating.
- Size: 4 x 4 mm.
- Width: 1100 mm.
- Weight: 160 g/m<sup>2</sup>.
- Colour: White.
- Tensile strength: Longitudinal: 2000 N/50mm; Transverse: 2000 N/50mm.

#### - Mesh K:

- Size: 3.5 x 3.5 mm.
- Width: 1100 mm.
- Weight: 160 g/m<sup>2</sup>.
- Colour: White.
- Tensile strength: Longitudinal: 2000 N/50mm; Transverse: 2000 N/50mm.

#### - Panzer Mesh:

- Size: 6 x 6 mm.
- Width: 1000 mm.
- Weight: 330 g/m<sup>2</sup>.
- Colour: White.
- Tensile strength: Longitudinal: 3200 N/50mm; Transverse: 3500 N/50mm.

### Finish:



#### - Brick Slip Flex:

- Material: Acrylic.
- Colour: Consult manufacturer for details.
- Size: Consult manufacturer for details.

#### - Clay brick slips:

- Material: Clay
- Colour: Consult manufacturer for details.
- Size: Consult manufacturer for details.

#### - Ceramic tiles:

- Material: Clay/Ceramic
- Colour: Consult manufacturer for details.
- Size: Consult manufacturer for details.

#### Bedding/ bonding mortar:

##### - Bedding Mortar A:

- Material: Portland cement with redispersible synthetic-resin powder.
- Colour: Grey.
- Density: 1.55 g/cm<sup>3</sup>.
- Adhesive pull strength: ≤1.0 N/mm<sup>2</sup> (on concrete).
- Drying time: 2–3 days (approximate).

##### - Bonding Mortar AF:

- Material: Acrylate copolymer.
- Colour: Dark grey, Light grey or Natural white.
- Density: 1.7 g/cm<sup>3</sup>.
- Drying time: 1–3 days (approximate).

##### - Joint Mortar A:

- Material: Portland cement with special additives.
- Colour: Black, Charcoal - dark, Charcoal - light, Light grey, Pebble pink or Sand beige.
- Density: 2.0 g/cm<sup>3</sup>.

##### - Joint Mortar AS:

- Material: Portland cement with special additives.
- Colour: Consult manufacturer for details.
- Density: 2.0 g/cm<sup>3</sup>.

### Product specification



## Manufacturer

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**Product reference** Alsecco Ecomin 400 Brick Slips

**Sub primer** Sub Primer HT - Solvent-free synthetic-resin dispersion primer.  
Sub Primer P - Synthetic-resin dispersion primer.

## Insulation

- Type Mineral Wool Dual Density - Acrylic brick slips.  
Mineral Wool High Density - Acrylic brick slips, clay brick slips and ceramic tiles.  
Mineral Wool Lamella - Acrylic brick slips, clay brick slips and ceramic tiles.  
Mineral Wool Slab - Acrylic brick slips.  
Mineral Wool Slab Plus - Acrylic brick slips, clay brick slips and ceramic tiles.

- Thickness [ ]

- Adhesive Armatop MP - Bonding and reinforcing compound.

- Mechanical fixings [ ]

## Reinforcement

- Type Mesh 32 - System mesh.  
Mesh K - For use with clay brick slips and ceramic tiles only.  
Panzer Mesh - For preparing highly impact-resistant reinforcing layers, for use with Mesh 32.

- Adhesive Armatop A - Reinforcing compound for use with ceramic tiles, brick-slips and acrylic brick-slips.  
Armatop AKS - Reinforcing compound for use acrylic brick-slips.  
Armatop MP - Reinforcing compound



for use acrylic brick-slips.

### Finish

- Type  
Brick Slip Flex - Acrylic brick-slips.  
Ceramic tiles  
Clay brick-slips
- Colour  
[ ]
- Size  
[ ]
- Bedding/ bonding mortar  
Bedding Mortar A - Cement based adhesive for clay brick slips and ceramic tiles.  
Bonding Mortar AF - Bonding and joint mortar for brick slip flex, insert colour requirement.
- Jointing mortar  
Not applicable - For brick slip flex.  
Grout Joint Mortar A - Mineral-based joint mortar, insert colour requirement.  
Grout Joint Mortar AS - Mineral-based joint mortar for ceramic tiles, insert colour requirement.

### Accessories

- [None]
- [Alsecco acrylic-based joint sealant]
- [Alsecco aluminium profiles]
- [Alsecco profile connectors and fixings]
- [Alsecco PU foam]
- [Alsecco PVC-U profiles]
- [Alsecco sealing tape]
- [Alsecco stainless steel profiles]