



Alsecco Basic 4 Brick Slips

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Detailed description

A thin coat external wall insulation system, incorporating expanded polystyrene and is faced with acrylic brick slips, clay bricks or ceramic tiles, offering a greater degree of impact resistance.

Features/ Benefits:

- High impact resistance.
- Excellent weathering and durability.
- Consistent of finish.

Product guidance - As Standard

Armatop A:

- Material: Portland cement with redispersible synthetic-resin powder.
- Colour: Grey.
- Density: 1.4 g/cm³.
- Adhesive pull strength: ≥ 0.08 N/mm² (on polystyrene).
- Capillary water absorption: $w = < 0.15$ kg/(m²h^{1/2}).
- Diffusion-equivalent air-layer thickness: $s_d = < 0.1$ m (at 4 mm).
- Drying time: 3–5 days (approximate).

Fire rating:

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

Options

Sub primer:

- Sub Primer HT:

- Material: Acrylic-resin dispersion.
- Colour: Opaque blue (transparent when dry).
- Density: 1.0 g/cm³.
- Drying time: 2–4 hours.

- Sub Primer P:

- Material: Styrene acrylate dissolved in solvent.
- Colour: Transparent.
- Density: 0.82 g/cm³.

Insulation boards:

alsecco (UK) Ltd



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- Material: Expanded polystyrene (EPS).
- Size: Up to 1200 x 600 mm.
- Tensile strength: ≥ 80 kPa.

Insulation adhesive:

- Armatop MP:

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

- Thermastick FW:

- Material: Acrylate copolymer dispersion.
- Colour: White.
- Density: 1.65 g/cm^3 .
- Drying time: 72 hours (approximate).

Reinforcement:

- Mesh 32 or Alsitex Carbon Mesh:

- Material: Multi-stranded alkali-resistant glass-fibres with a polymer coating.
- Size: 4 x 4 mm.
- Width: 1100 mm.
- Weight: 160 g/m^2 .
- 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^2 .
- Colour: White.
- Elongation: 3.5%.
- Tensile strength: Longitudinal: 2000 N/50mm; Transverse: 2000 N/50mm.

- Panzer Mesh:

- Size: 6 x 6 mm.



- Width: 1000 mm.
- Weight: 330 g/m².
- Colour: White.
- Tensile strength: Longitudinal: 3200 N/50mm; Transverse: 3500 N/50mm.

Brick Slip Flex:

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

Clay Brick:

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

Ceramic Tile:

- 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/cm³.
- Adhesive pull strength: ≤ 1.0 N/mm² (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/cm³.
- 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/cm³.

- Joint Mortar AS:



- Material: Portland cement with special additives.
- Colour: consult manufacturer for details.
- Density: 2.0 g/cm³.

Product specification

Manufacturer

- Name: alsecco (UK) Ltd
- Web: www.alsecco.co.uk
- Email: technical@alsecco.co.uk
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- Fax: +44 (0)1785 818144
- Address: Whitebridge Way, Stone, Staffordshire ST15 8JS

Product reference Alsecco Basic 4 Brick Slips

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

Insulation

- Adhesive Armatop MP - Bonding and reinforcing compound.
Thermastick FW - Adhesive for bonding to most manufactured sheathing board substrates.
- Type EPS 15 SE, EPS 70 - Polystyrene insulation boards with square edges for fixing by bonding and anchoring.
- Thickness []
- Colour Graphite Enhanced EPS 030 - 0.030 W/mK.
Graphite Enhanced EPS 031 - 0.031 W/mK.
Graphite Enhanced EPS 032 - 0.032 W/mK.
White EPS 037 - 0.037 W/mK.
White EPS 038 - 0.038 W/mK.
- Mechanical fixings []

Reinforcement

- Type Mesh 32 - System mesh.
Mesh Carbon - 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 or Mesh Carbon.

- Basecoat
Armatop A - Reinforcing compound for clay brick slips and ceramic tiles.
Armatop AKS - Reinforcing compound for acrylic brick slips.
Armatop Carbon - Reinforcing compound for acrylic brick slips.
Armatop MP - Reinforcing compound for acrylic brick slips.
Armatop Quattro - Reinforcing compound for 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]