

SOLTHERM AP COLOUR

Render Undercoat for thin-coat mineral, acrylic and decorative renders

PRODUCT DESCRIPTION:

- facilitates render application - contains quartz powder
- seals off and strengthens the surface
- suppresses dust formation, evens out the porosity of the surface
- protects the primed surface against adverse effect of moisture
- seals and blocks out stains in base coats and prevents from bleeding through to the top coats
- reduces bleeding of the surface colour through the render coat
- component of the SOLTHERM ETICS systems with EPS and mineral wool panels

USE:

SOLTHERM AP COLOUR is a render undercoat used for priming prior to the application of the renders:

- mineral SOLTHERM MTC (not suitable for BOLIX MP KA 15M)
- acrylic SOLTHERM AFC/ SOLTHERM AFC eco-shield
- decorative SOLTHERM AMC, SOLTHERM DECO, SOLTHERM TR on exterior walls of existing and new buildings as well as in interiors.

Substrates for which the undercoat is suitable:

- base coat in external thermal insulation composite systems (ETICS) with EPS and mineral wool panels,
- mineral substrates such as: concrete, cement or cement-lime renders.

SUBSTRATE PREPARATION:

Follow the ETICS Instruction Manual no. IB/01/2001 to apply the base coat in the ETICS insulation systems.

The surface must be structurally sound, even, clean of surface contaminants such as dust, grease, bitumen and other barrier materials that may affect adhesion. Remove old paint coats, loose, peeling or flaking plaster. Prime absorptive surface (particularly aerated concrete) with the primer SOLTHERM SP.

Even out minor irregularities with a base coat for embedding reinforcing mesh such as SOLTHERM UB. Fill larger gaps and imperfections with the mortar SOLTHERM LRC.

PRODUCT PREPARATION:

A ready-to-use product. Prior to application, stir the full packaging thoroughly. Do not admix.

APPLICATION:

Apply evenly in one coat using a block or paint brush. Apply the render once the undercoat has dried.

LIMITATIONS AND RECOMMENDATIONS:

- Do not apply to areas subject to prolonged water exposure, accumulated snow and areas not damp-proofed against capillary action.
- Before application, cover or mask surfaces that are not to be primed.
- Allow fresh cement and lime-cement renders to cure for minimum 28 weeks.
- Plan the surface area to be primed taking into consideration weather conditions, surface type and workforce.

- Sand mineral substrates (concrete, cement and lime-cement renders) coated with firm paint coats with coarse sandpaper, brush down and vacuum sanding dust thoroughly.
- Prime the base coat once it has dried out.
- Use the undercoat in colour matching the render colour.
- Protect from direct sunlight exposure, precipitation and wind during application operation and drying. Use scaffolding meshes.
- Low temperature, increased humidity and improper air circulation extend the drying time.
- Clean tools and hands with running water immediately after use. After drying difficulties with cleaning may be experienced.
- Tightly seal the container and use the remnant product shortly.

PRECAUTIONS:

Protect eyes and skin. In case of eye contact, flush eyes with plenty of water and seek medical advice

TOOLS:

Block brush or roller

TECHNICAL DATA:

The following technical data are for the temperature of +23 (±2)°C and relative air humidity of 50 (±5)%. Under other conditions the technical data may vary.

Ambient and surface temperature at application and drying:

from +5°C to +25°C

Relative humidity at application and drying:

up to 80%

Density:

approx. 1.35 kg/dm³

Colour range:

white or from the colour chart SOLTHERM SPEKTRUM 300+.

Gloss level:

mat

Drying time:

min. 4h

VOC content:

VOC limit (cat. A/g/FW) – 30g/l (year 2010)

Product contains max. 15 g/l VOC

Packaging:

5kg, 10kg, 25kg

No. of containers per pallet and net weight:

5kg: 80 / approx. 400 kg

10kg: 44 / approx. 440 kg

25kg: 24 / approx. 600 kg

Shelf life:

12 months - date of production provided on the packaging

NOMINAL COVERAGE:

approx. 0.25 ÷ 0.40 kg/m²

Coverage will vary with the surface evenness, porosity and roughness. To determine precise coverage, perform a test patch on the surface.

Usage is typical usage and may vary between installers. Coverage rates quoted for products will not be guaranteed under any circumstances. The rates quoted are based on site experience but may vary due to site

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conditions, operator skills etc. No claim will be allowed relating to coverage of materials.

STORAGE:

Store in intact original containers in temp. between +5°C and +25°C. Protect from direct sunlight and frost. Store away from the reach of children.

COMPOSITION:

It is a mixture of polymer dispersion, mineral fillers, quartz powder and modifiers.

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