

SOLTHERM T

Primer

PRODUCT DESCRIPTION:

- perfectly seals off and strengthens the primed surface,
- improves adhesion of adhesive mortars to mineral substrates,
- evens out the setting and drying process of adhesive coatings,
- facilitates bonding and fixing of insulation material and ceramic or stone tiles,
- suppresses dust formation and evens out surface porosity,
- protects the primed surface against adverse effect of moisture,
- solvent-free.

USE:

SOLTHERM T is formulated to prime dusty, chalky, porous, absorbent and/or weak wall and floor surfaces indoors and outdoors prior to:

- laying ceramic or stone tiles,
- levelling the surface e.g. SOLTHERM LRC,
- installation of insulation materials in ETICS,

Substrates for which the primer is suitable:

- concrete,
- aerated concrete,
- cement and lime-cement renders,
- cement floors or subfloors,
- masonry walls, not plastered,
- solid and firm paint coats on walls, well bonded and adhering firmly to the above mentioned substrates.

SURFACE PREPARATION:

The surface must be structurally sound, even, clean of surface contaminants such as dust, grease, bitumen, algae and other barrier materials that may affect adhesion. Remove whitewash or colour wash. Sand firm paint coats with coarse sandpaper, brush down and vacuum sanding dust thoroughly.

PRODUCT PREPARATION:

Supplied as a ready-to-use product. Prior to application, stir the full packaging thoroughly.

APPLICATION:

Apply evenly with a brush, roller or a sprayer. If necessary, overcoat when the first coat is completely dry.

LIMITATIONS AND RECOMMENDATIONS:

- Do not apply to areas subject to prolonged water exposure, accumulated snow and areas not damp-proofed against capillary action.
- Allow fresh cement and lime-cement renders to cure for minimum 28 days.
- Before application, cover or mask surfaces that are not to be primed.
- Protect from direct sunlight exposure, precipitation and wind during application operation and drying. Use scaffolding meshes.
- Spray apply only in windless weather.
- During primer application and afterwards, ventilate the rooms but protect from draughts to prevent too rapid drying.
- 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:

Brush, paint roller or spray gun with a compression sprayer.

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. 1.00 g/cm³

Colour:

milky white, colourless after drying

Drying time:

at least 4h

VOC content:

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

Product contains max 0.5 g/l VOC

Packaging:

5kg, 20kg

No. of containers per pallet and net weight:

5kg: 108 / ca. 540 kg

20kg: 24 / ca. 480 kg

Shelf life:

12 months - date of production provided on the packaging

NOMINAL COVERAGE:

ca. 0.10 ÷ 0.30 kg/m²

Coverage will vary with the surface texture, porosity and application method. To determine precise coverage perform a test patch on the substrate.

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 resin dispersion and modifiers.

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