

Soltherm AP Colour

Colour Acrylic Primer

USE:

It is designed to prime the surface prior to acrylic and mineral render application, for interior and exterior use. SOLTHERM AP Colour is suitable for priming of the reinforced base coat in insulation systems and on even and properly prepared mineral substrates (such as concrete surfaces, cement and lime-cement renders). Promotes adhesion of render top coats to the substrate and facilitates top coat application. Evens out the setting and drying process of the top coats applied. Seals off the substrate, regulates suction and consolidates dusty or chalky substrates. 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. Provides a coloured coat on the primed surface /matching the finish colour/, which reduces bleeding through of the surface colour to the finish render coat. Contains quartz fillers, which enhance the adhesion and provide a slightly rough coat on the primed surface.

SURFACE PREPARATION:

The surface must be sound, even, clean of substances which can cause separation (such as dust, grease, bitumen) free of cracks as well as biological growth and chemical deposits. Remove loose, peeling or flaking paint or plaster. Fill gaps and imperfections /between 5 and -15 mm/ with the mortar SOLTHERM LRC and even out the entire surface with the adhesive SOLTHERM UB (alternatively WB or BC-P as necessary). Minor irregularities /up to 5 mm/ may be evened out at once with the adhesive SOLTHERM UB (alternatively WB or BC-P as necessary). In each case the purpose is to obtain a smooth and even surface. Even out the entire surface with the adhesive SOLTHERM UB (alternatively WB or BC-P as necessary). If the irregularities are not removed and the coat is not smooth, smooth over again when the first layer is dry. If substrate reinforcing is necessary, embed fibre glass mesh (min. weight 145 g/m²) in the adhesive. Follow the ETICS Instruction Manual no. IB/01/2001 to apply over a reinforcing coat of the insulation system.

PRODUCT PREPARATION:

Prior to application, stir the primer thoroughly with a low-speed drill and jiffy mixer.

PRODUCT DESCRIPTION:

Apply by brushing, rolling or spraying over properly prepared surface. Drying time of one coat of the product under optimal weather conditions (i.e. at +20°C and 60% relative humidity) is approx. 4-6h.

LIMITATIONS:

- Fresh mineral substrates (such as concrete, cement and lime-cement renders) should be allowed to cure for 3-4 weeks prior to priming.
- Prime every surface prior to render application.
- Prime only dry surfaces, once the setting and curing time, recommended for the substrate, has finished.
- Ready to use product, do not admix.
- Sand mineral substrates (concrete, cement and lime-cement renders) coated with firm paint coats with coarse abrasive paper and brush down and vacuum sanding dust thoroughly.
- Primer application should take place in rainless weather, temperature between +5°C do +25°C.
- Apply the primer in surface temp. between +5°C and +25°C.
- Protect freshly primed surfaces from damp for at least 4-6 h.
- Clean tools and hands with running water immediately after use. After drying, difficulties with cleaning may be experienced. Wipe off freshly soiled surfaces with a damp cloth.
- Allow the primed surface to dry completely prior to finish coating.

PRECAUTIONS:

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

TOOLS:

- Agitator or low-speed drill (400÷500 rpm) with jiffy mixer.
- Paint roller or brush.

TECHNICAL PARAMETERS

Application temperature: from +5°C to +25°C
 Surface temperature: from +5°C to +25°C
 Drying time of one coat: 4-6 h

Technical parameters and product properties:

- Consistency: liquid
- Colour: white or matching the acrylic render colour chart
- Bulk density: approx. 1.35 kg/dm³

/all technical data provided for the temperature of +20°C and 60% relative humidity/

COVERAGE:

Average primer consumption at one coat application is approx. 0.25÷0.40 kg/m²
 To determine precise consumption, perform a test patch on the substrate.

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

PACKING, STORAGE AND TRANSPORTATION:

Store in intact original containers in temp. between +5°C and +25°C. Protect from excessive heat and frost. Shelf life of 12 months from the date of production provided on the packaging. Store away from the reach of children.

COMPOSITION:

Ready to use render primer is thick, colourful liquid of faint odour. It is composed of polymer dispersion, mineral fillers and modifiers.