

SOLTHERM SP

Deep Penetrating Sealer

USE:

Suitable to prime the surface prior to pouring screeds and underlayments /cement or anhydrite/ and prior to waterborne acrylic and vinyl acrylic paint (emulsion paint) application. Primes porous and dusty mineral surfaces such as: concrete, cellular concrete, cement and anhydrite screeds, gypsum finishes, drywall and cement and lime plasters. It penetrates deep into the surface, seals it off and promotes adhesion of paint and plaster finishes. Seals off, reduces and evens out any surface porosity and consolidates dusty or friable surfaces. Protects the primed surface against adverse effect of moisture penetration. Evens out the setting and drying process of the installed screed or underlayment. Seals and blocks out stains in base coats. Prevents stains and contaminations from bleeding through into paint coats, eliminates staining.

SUBSTRATE 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 any friable material, 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.

PRODUCT PREPARATION:

Mix the full packaging prior to use until uniform appearance.

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. Prior to self-levelling mortar application, prime the substrate until surface porosity is eliminated. To this effect, apply several coats of the compound onto porous substrates, allowing each applied coat of the compound to dry.

RECOMMENDATIONS:

- Allow new mineral surfaces (concrete and anhydrite substrates, cement and cement-lime plasters) to cure for at least 3-4 weeks prior to application.
- Sand gypsum, anhydrite substrates and firm paint coats with coarse abrasive paper and brush down and vacuum sanding dust thoroughly.
- Ready to use product, do not admix.
- Primer exterior application should take place in rainless weather, temperature between +5°C do +25°C.
- Apply where the surface temperature is between +5°C to +25°C.
- Spray apply on exterior walls only in windless weather. When applying protect eyes and airways and follow OHS rules and regulations. Before application, cover or mask surfaces that are not to be primed.
- Protect freshly primed surfaces from damp for at least 4-6 h. Do not wash nor wet the surface throughout this time period.
- Once the job is completed, clean the tools and hands with running water. Wipe product splashes off soiled surfaces with damp cloth.
- Allow the primed surface to dry completely prior to paint coating or screeding.

PRECAUTIONS:

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

TOOLS:

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

TECHNICAL PARAMETERS

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

Technical data and product properties:

- Consistency: liquid
 - Colour: colourless
 - Bulk density: approx. 1.00 kg/dm³
- /all technical data provided for the temperature of +20°C and 60% relative humidity/

COVERAGE:

Average consumption for one coat application is approx. 0.10 kg/m² To determine precise coverage, perform a test patch on the substrate.

COMPOSITION:

The factory mixed sealer is colourless liquid of faint odour. It is composed of dispersion, mineral fillers and modifiers

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