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Technical Data Sheet

ASO®-Unigrund-S

Art.-No. 2 04201

Rapid special adhesion promoting primer



Reaction to fire Release of dangerous substances see SDS Water vapour permeability with ASO-Unigrund-D with ASO-Unigrund-GE/K with ASO-Unigrund-S s_d≈ 44m sd≈ 9m sd≈ 6.8m Water impermeability to EN 13967 Crack bridging ability waterproof category 1: 0.4 mm , ≥ 0.5 MPa Tensile strength
Joint bridging ability
Watertightness at penetrations
Water resistance
Temperature resistance
Resistance to alkalis ≥ 0.5 MPa category 2: waterproof category 2: waterproof category 2: ≥ 0.5 MPa category 2: Temperature resistant category 2: Alkali resistant Workability at least 0.5 mm Thickness



moisture resistant plasterboard, brickwork, aerated concrete, lime-sand blocks, cement, calcium sulphate and poured asphalt screeds, levelling compounds, natural stone, steel and glass.

ASO-Unigrund-S is suitable for use in interior rooms in accordance with the AgBB evaluation scheme (Committee for Health-related Evaluation of Building Products), the French VOC by-law and the Belgian royal decree C-2014/24239. Very low emissions in accordance with GEV-EMICODE, which as a rule leads to positive evaluations within the framework of building certification systems in accordance with DGNB, LEED, BREEAM, HQE. Highest quality level 4, rows 2,3,8,9 in accordance with the DGNB criterion "ENV 1.2 local environmental impact".

The product is a component of the SANIFLEX-EU system in accordance with ETAG 022-part 1.

Ready to use.

- Solvent free.
- · Rapid drying.
- For absorbent and non-absorbent substrates.
- For interior and exterior use.
- Low emissions.

Areas of application:

ASO-Unigrund-S is used as a primer to improve the adhesion to absorbent and non-absorbent substrates prior to the installation of ceramic finishes with cement-based or dispersion-based SCHOMBURG thin or mid-bed adhesives. ASO-Unigrund-S reduces the porosity of the substrate and protects moisture sensitive substrates from the water in cement-based adhesives. Suitable for use on existing tiled finishes, hydraulically setting cement, cementlime renders and gypsum plasters, gypsum fibre boards,

Technical Data:

styrene butadiene Basis: Colour: pink - violet Density: approx. 1.33 g/cm³

Packaging: 1 kg, 5 kg

Application/

+5° C to +25° C substrate temp:

Temperature

resistance: -20° C to +80° C

Ready for tiling: on non-absorbent substrates after

> complete through drying (approx. 1 hour at +15° C), on absorbent substrates as soon as the ASO-Unigrund-S surface is dry

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ASO Unigrund-S

Cleaning agents: water, remove dried on material

with ASO-RO01

Storage: Frost free, min. 12 months in the

original unopened container. Use

opened packaging promptly.

Consumption: approx. 50 to 100 g/m² dependent

on the porosity of the substrate (Note: Technical application trials have shown that the consumption is 220 g/m² when used on old tiled

finishes.)

Substrate preparation:

The substrate must be dry, load-bearing, adequately flat, free from penetrating cracks and free from separating substances such as oil, paint, laitance and loose components. Abrade calcium sulphate screeds, vacuum followed by priming with ASO-Unigrund-S. Substrates must be dry, sound and free from contamination, dust and separating agents. Remove weak or adhesion impairing layers e.g. old adhesive, smoothing compounds or paint residues by e.g. mechanically brushing, abrading, scabbling or shot blasting.

The moisture content for ceramic tiling, when measured by a carbide hygrometer (CM device), must not exceed:

- Cement-based screed 2.0 CM% for screeds on insulation or separating layers in interior areas.
- Calcium sulphate screeds without underfloor heating 0.5 CM%.
- Calcium sulphate screeds with underfloor heating 0.3 CM%.
- Gypsum based plaster 1.0 CM%.

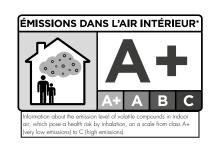
Product application:

Stir thoroughly before use. Evenly apply a thin coat of ASO-Unigrund-S at right angles with a foam or lamb's wool roller. Use neat on non-absorbent substrates, on absorbent substrates dilute 1:1 with water. On non-porous substrates further processes may only be carried out once completely dry. Drying time approx. 1 hour. On absorbent substrates tiles can be laid as soon as the ASO-Unigrund-S is surface dry – approx. 5 minutes – and touch-dry. The dry coating is transparent-pink and sand grey. When using externally, protect ASO-Unigrund-S with a bonded waterproofing system for use beneath tiled finishes e.g. AQUAFIN-2K/M.

Advice:

- When applying ASO-Unigrund-S protect areas not to be treated.
- Wash off splashes immediately with water.

GISCODE: D1



This technical data sheet does not consider local building codes or legal requirements. It shall be used as general reference for the product, based on our current knowledge and experience. Legally binding is only the latest Data Sheet from one of our foreign subsidaries inside their sales territory. In any case of uncertainty please consult our technical department for further information.

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