




## Technical Data Sheet

# ASO®-Unigrund-S

## Rapid special adhesion promoting primer

Art.-No. 2 04201

 0799	
<b>SCHOMBURG GmbH &amp; Co. KG</b> Aquafinstraße 2-8 D-32760 Detmold 18 204990 <b>SANIFLEX-EU</b> Construction kit for producing waterproofing for walls and floors in wet rooms	
0799.CPR.150	
<b>ETA-17/0469</b> <b>ETAG 022-1</b>	
Reaction to fire	E
Release of dangerous substances	see SDS
Water vapour permeability	
with ASO-UnigrundD	$s_d = 44m$
with ASO-UnigrundGE/K	$s_d = 9m$
with ASO-UnigrundS	$s_d = 6.8m$
Water impermeability to EN 13967	waterproof
Crack bridging ability	category 1: 0.4 mm
Tensile strength	$\geq 0.5$ MPa
Joint bridging ability	category 2: waterproof
Watertightness at penetrations	category 2: waterproof
Water resistance	category 2: $\geq 0.5$ MPa
Temperature resistance	category 2: Temperature resistant
Resistance to alkalis	category 2: Alkali resistant
Workability	applicable
Thickness	at least 0.5 mm



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, cement-lime renders and gypsum plasters, gypsum fibre boards,

### Technical Data:

Basis:	styrene butadiene
Colour:	pink - violet
Density:	approx. 1.33 g/cm <sup>3</sup>
Packaging:	1 kg, 5 kg
Application/ substrate temp:	+5° C to +25° C
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-R001
- Storage: Frost free, min. 12 months in the original unopened container. Use opened packaging promptly.
- Consumption: approx. 50 to 100 g/m<sup>2</sup> dependent on the porosity of the substrate (Note: Technical application trials have shown that the consumption is 220 g/m<sup>2</sup> 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

