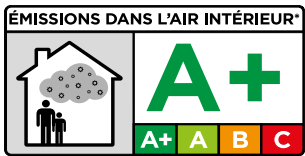




STARPRIM

Primer for absorbent and non-absorbent substrates

- For absorbent and non-absorbent substrates
- For interior and exterior use
- Ready to use
- Solvent free
- Rapid drying
- Low emissions



TECHNICAL FEATURES:

STARPRIM is a primer based on special styrene butadiene polymer dispersion, designed to obtain a perfect adhesion to many kind of substrates, absorbent and not absorbent.

AREAS OF APPLICATION:

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



CONTRACT ITEM SPECIFICATIONS:

The substrates will be prepared using a primer based on special styrene butadiene polymers that allows a perfect adhesion on many kind of surfaces, absorbent and not absorbent, like STARPRIM by Benfer.

SUITABLE SUBSTRATES:

- Hydraulically setting screeds
- Cement, calcium sulphate and poured asphalt screeds
- Levelling compounds, natural stone
- Existing tiled finishes, porcelain
- Steel and glass
- Cement-lime renders and gypsum plasters
- Gypsum fibre boards, moisture resistant plasterboard
- Brickwork, aerated concrete, lime-sand blocks

METHOD OF USE:**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 STARPRIM. 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 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 STARPRIM at right angles with a foam or lamb's wool roller. Use neat on absorbent and on non-absorbent substrates. 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 STARPRIM is surface dry - approx. 5 minutes - and touch-dry. The dry coating is transparent-blue and sand grey. When using externally, protect STARPRIM with a bonded waterproofing system for use beneath tiled finishes e.g. ACQUASHIELD-2KF.

Do not wait more than 24 hours before tile laying.

On the substrates treated with STARPRIM we recommend flexible materials like BENFERFLEX range, BENFERFLEX C2, C2+, BENFERFLEX N, BENFERFIX EXTRA with CEMLATEX 600, BENFERGRIP+ with CEMLATEX 600, MARMOFLEX-2K, BENFERFLEX RAPIDO, MULTIPLAN-30, MULTIPLAN-12.

During application in external areas, protect STARPRIM with an adherent, waterproofing system, to be applied underneath the tiles, such as ACQUASHIELD range.

ADVICE:

- When applying STARPRIM protect areas not to be treated.
- Wash off splashes immediately with water.
- Use on dry substrate only
- Do not apply with temperatures lower than 5°C and higher than 40°C.
- Storage: Frost free, min. 12 months in the original unopened container.

CLEANING: With water immediately after use.

CONSUMPTION: App. 100-150 gr/m².

PACKAGING: 2, 5, 10 kg cans.

STORAGE: In the original unopened packaging, in a cool, dry place.

SHELF LIFE: 12 months.

TECHNICAL DATA:

Basis:	Styrene butadiene polymers in water dispersion
Colour:	Blue
Storage and duration:	12 months in the original unopened packaging, in a cool, dry place
Danger of harm:	No
Flammability:	No
Ph:	About 6,5
Density:	1,2 kg/dm ³
Viscosity:	About 214 mPA/s at +23°C
Application/substrate temp:	+5°C to +40°C
Temperature resistance:	-30°C to +90°C
Traversable on dry substrate:	Approximately 1 hour
Overcoatable:	After 1 hour at +23°C e 50% RH. *at +23°C and 50% relative humidity

PLEASE NOTE: The information given in this chart is based on our best experience and it is indicative only. It must in any event be verified by the end user, who assumes all liabilities deriving from the utilization of the product.