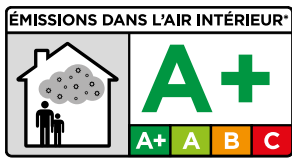




BENFERPRIM

Primer for absorbent substrates

- For absorbent substrates • For interior and exterior use • Ready to use
- Solvent free • Rapid drying • Low emissions
- Ideal for wooden supports • Ideal for cement artefacts • Ideal to avoid dust
- Consolidates dusty and inconsistent substrates
- Ideal for cement based plaster or gypsum
- Ideal for cement based screeds or anhydrite
- Ideal for treatment of the back part of marble slabs, to avoid stains and colour variations



TECHNICAL FEATURES: BENFERPRIM is an acrylic polymer dispersion, designed to consolidate weak and dusty substrates. Once dry, it offers a good surface to Benfer tile adhesives, self levelling and waterproofing on all absorbent substrates common in building. It improves surface hardness and reduces water absorption to avoid a too fast water loss to the mortar applied on it.

AREAS OF APPLICATION: Suitable to use on all absorbent substrates common in building, such as cement based renders, gypsum plasters, cement based and anhydrite based screeds, normal and moisture resistant plasterboards, cement based panels, brickwork, aerated concrete, lime-sand blocks, cement, calcium sulphate and poured asphalt screeds, levelling compounds, natural stone and wooden boards. BENFERPRIM can be applied on the back side of natural stones, marble or absorbent granite stone to reduce the appearance of stains and superficial halos.



TECHNICAL ASSISTANCE



INSURANCE GUARANTEE



TECHNICAL MEETINGS



PROFESSIONAL USE

CONTRACT ITEM SPECIFICATIONS: The absorbent substrates, before the application of cement based products, must be treated using an acrylic polymer dispersion designed to consolidate weak and dusty substrates and offer a good surface, like BENFERPRIM by Benfer. It must be applied with suitable brush or roll.

SUITABLE SUBSTRATES:

- Cement-lime renders and gypsum plasters
- Cement or anhydrite based screeds
- Wooden boards
- Cement and beton
- Gypsum and moisture resistant plasterboard
- Brickwork, aerated concrete, lime-sand blocks
- Calcium sulphate and poured asphalt screeds
- Levelling compounds
- Back side of natural stones, marble or absorbent granite stone

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 BENFERPRIM. 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 on insulation or separating layers in interior areas: | 2% |
| • Calcium sulphate screeds without underfloor heating: | 0,5% |
| • Calcium sulphate screeds with underfloor heating: | 0,3% |
| • Gypsum based plaster: | 1% |

PRODUCT APPLICATION:

BENFERPRIM is ready to use. Do not dilute the product before the use. Lay BENFERPRIM with a brush, roll or adequate spraying machine on substrates prepared such as before described. Install the subsequent coating only if the primer is dry to touch. If the substrate is very absorbent or anhydrite based screed we suggest to lay a second coat of BENFERPRIM when the first is dry to touch.

To reduce the appearance of stains and superficial halos on natural stones, marble or absorbent granite we suggest to apply BENFERPRIM on the back side of the materials before the lay according to the procedures described above.

ADVICE:

- Use on dry and absorbent substrate only
- Do not apply with temperatures lower than 5°C and higher than 35°C
- The product is not resistant to frost and it must be stored at higher temperatures than 5°C, even during transports, in the original, closed packages.

CLEANING: With water while the product is still fresh.

CONSUMPTION: App. 200 gr/m² depending to absorbtion of the substrate to treat.

PACKAGING: 1 kg, 5 kg, 25 kg buckets.

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

SHELF LIFE: 12 months.

PRODUCT TECHNICAL DATA

Basis:	Acrylic polymers in aqueous dispersion
Colour:	White
Storage and duration:	12 months in the original unopened packaging, in a cool, dry place
Danger of harm:	No
Flammability:	No
Ph:	About 5
Density:	1,06 kg/dm ³
Viscosity:	About 3 mPA/s at +23°C
Application/substrate temp:	+5° C to +40° C
Temperature resistance:	-30° C to +90° C
Consumption:	About 200 g/m ²
Traversable on dry substrate:	Approximately 1 hour
Overcoatable:	After 1 hour
Deadline for use:	From 1 to 24 hours * at 23°C and 50% relative humidity

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