

Bonding agent for concrete mortars

DUROPRIMER is a low viscosity aqueous polymer dispersion. Excellent primer agent for self-leveling floors, and concrete repairs.

AREAS OF USE

- To prepare self-leveling floors
- For concrete repairs works
- Monolithic thin coatings
- Before wall and façade paint as pore-sealer, dust-binding, adhesion improver
- Dust control of concrete, gypsum and lime plaster surfaces

FEATURES

- Butyl Acrylate – styrene copolymer based low viscosity dispersion.
- Does not contain film formation agents, solvents, plasticizers.
- The dispersion film is shiny, water clean, free from grains, and does not stick. The film is highly flexible, film-forming temperature is low.
- Excellent bonding properties to old concrete surfaces.
- Concentrate must be diluted before use.

TECHNICAL PROPERTIES

- A white, milky liquid
- Density: 1.02 to 1.05 g/cm³
- pH: 7.5 to 8.5
- Solid content: 50 ±1%
- Viscosity at 20°C (Brookfield 2/50) max. 200 cps
- The minimum film forming temperature: 8°C
- Water absorption: (24 h) 6%
- VOC content: max. 10 gr./l

TEMPERATURE LIMIT

It can be used between +5°C and +35°C.

MATERIAL REQUIREMENTS

8-15 m²/l depending on the porosity of the surface.

INSTALLATION

DUROPRIMER should be applied on the cleaned surface with two coats. Application can be made by spray or roller, or brush. The primer is a concentrate that should be diluted with water before use. Dilution rate depends on the substrate porosity. Higher dilutions gives greater penetration and thus represents a deeper strengthening of the concrete structure.

When used for self levelling products, the proposed dilution rate is:

FIRST LAYER:

1: 5 (one part primer to five parts water).

SECOND LAYER:

1: 3 (a grounding part, three parts water).

The second layer should be applied before the first one dries. In case of very porous surfaces, you should wet it before the application.

CLEANING

Tools and equipment can be cleaned with water.

PACKAGING

20 liter jerry cans.

STORAGE

Can be stored up to 12 months in a cool, dry environment in the original, unopened packaging.

Frost hazard, the frozen product must not be used.

SAFETY PRECAUTIONS

Water-based emulsion. Non-hazardous, non-flammable.

Ask for the product safety data sheet for more information.