



LITOLAST

SYNTHETIC RESIN-BASED LATEX IN AQUEOUS DISPERSION ADHESION ADJUVANT FOR CEMENTITIOUS MORTARS.

DESCRIPTION

Solvent-free ready-for-use silane/siloxane based water-repellent.

The product features:

- High stability to alkali and UV rays.
- Excellent penetration capacity.
- Permeability to unchanged water vapour of treated substrates, resulting in no superficial film being formed.
- No reaction by-products, which damage the treated substrates.
- No changes in colour of the treated substrates.

FIELDS OF APPLICATION

Used for the water-repellent protective treatment of absorbent mineral building materials of high and medium porosity such as:

- Exposed bricks
- Cast or preformed concrete.
- Cementitious plasters, even dehumidifying.
- Glazed or uniform grout between ceramic tiles, with cementitious sealants in indoor rooms and outdoor areas such as balconies, terraces, etc.
- Fibre cement panels.

Also suitable for the protective treatment of substrates against the formation of salt efflorescence, mould and algae.

PACKAGING

5 kg canisters 600 kg standard pallet

SUBSTRATES

The substrates must be dry, compact, free of loose fragments and free from residues of oil, wax, paint and anything else that could affect proper product penetration.

When applied, it is preferable for the substrates to be cold and not exposed to direct sunlight.

Any cracks wider than 0.3 mm must be filled.

APPLICATION

The product should be applied directly on the substrates using a brush or roller. Low pressure (0.2 bar) compressed air sprayers are

also suitable, taking care to distribute the product evenly until the substrate absorbs it completely.

The optimal amount is determined by experimenting on sample substrates.

WARNINGS

The product is not recommended for water-repellent treatment of gypsum-based substrates.

Do not apply the product on surfaces with rising humidity.

The water-repellent effect of the product is fully effective 24 hours after being applied.

During the application, protect plants and glass and aluminium surfaces with plastic sheeting.

If the grout between the ceramic tiles is treated, it is essential to remove any residual product while still fresh from the tile surface using a dry cloth.

Apply at temperatures between +5°C and +35°C.

Do not use the product for applications not stated on this technical sheet.

Since the product is in aqueous dispersion, it is frost sensitive. Transport and store the product at temperatures not lower than +5°C

Avoid storing the product in canisters in direct sunlight or in very hot environments.

INFORMATION ON SAFETY

Refer to the product's safety sheets available upon request. .

PRODUCT FOR PROFESSIONAL USE

IDENTIFICATION DATA

Appearance	Liquid
Colour	White
Active component	Silane/siloxane
Solvents	None
Solid residue	0,8 - 1,8%
Viscosity	10 - 30 mPa s
Ph	6,5 - 7,5
Custom classification	3906 9000
Preservation time	24 months in its original packaging. Protect from frost

APPLICATION DATA

Application	Roller or brush
Admitted application temperatures	From +5°C to +35°C
Fully usable after	Approx. 24 hours at T=+23°C
Consumption	0.3-1 kg/m ² depending on the substrate absorption and porosity

Although the information in this technical chart is from our best experience, it is merely indicative.

Each specific case must be subjected to practical preliminary tests by the user who undertakes the responsibility for the final work result.

Sheet No. 505

Revision No. 1

Date: May 2014



LITOKOL[®]
HI PERFORMANCE BUILDING PRODUCTS

Litokol S.p.A.
Via G. Falcone 13/1 - 42048 Rubiera (RE) Italy
Tel: +39 0522 622811 - Fax: +39 0522 620150
info@litokol.it www.litokol.it