

silitop[®] creme



TECHNICAL DATA SHEET

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silitop

creme

damp proofing

waterproofing and protection of concrete



use

Silitop Creme is a monocomponent product for the waterproofing and protection of concrete structures such as architectural concrete, bridges, overpasses, concrete structures in sight.

Silitop Creme is used for hydrophobic impregnation of concrete structures promoting corrosion protection of reinforcement.

The Silitop Creme is a product especially designed for impregnating concrete or other surfaces absorbent applied in a single layer. The degree of penetration depends on the porosity and quality of concrete.

Product water based, and its application is easy.

Advantages:

- Reduces the water absorption and penetration of chlorides;
- High capacity for penetration into the concrete;
- Lets cover with water-based paints;
- Does not change the permeability of the surface;
- Promotes a slight effect "drop".

Generally does not alter the properties and aspect surfaces.

surface

- Concrete;
- Cementitious mortars;
- Concrete blocks;
- Natural stone



CE marking

European standards
NP EN 1504-2



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recommendations

Do not put Silitop Creme in contact with bituminous products.

Making the application of the Silitop Creme only on dried supports, without any moisture by capillarity or residual moisture. If starts raining immediately protect the treated area with plastic. Protect the treated surface within 24 hours of application

Apply the product on substrates properly cured, to ensure complete cure of the supports, wait about 4 weeks before application of Silitop Creme.

The product Silitop creme has better efficacy if applied with the aid of airless spray type, but may be used for small areas brush, roller or trowel.

Can apply a quantity greater than 400g/m² on a single operation on vertical surfaces and roofs without loss of material.

The exact consumption depends on the absorption of the covering.

Can apply more than one layer at any time, but usually is not necessary.

During application is formed a thin layer on the surface but which subsequently disappears completely.

Product ready to use, do not add any other products to Silitop Creme.

In places where we want to maintain an aesthetic requirement we recommend a test patch.

The Silitop Creme is not recommended for waterproofing in areas with moisture by capillary rise or in permanent contact with water.

Do not use on hot or wet surface.

composition and characteristics

Composition:

Aqueous mixture of siloxanes..

Characteristics:

Bulk density: 900 kg/m³

Penetration depth: ≥10mm (Class II)

Water absorption and alkali resistance:

<7.5% compared to an untreated sample;

<10% after immersion in alkaline solution;

Relative speed drying hydrophobic impregnation: Class I:> 30%

NOTE: Results obtained in laboratory conditions, following the standard NP EN 1504-2. These results may vary depending on application conditions .

colour

White.

Once cured becomes transparent.

consumption

Depends on the absorbency of the substrate.

As guidance:

1° coat - 200-400g/m²

2° coat – 200g/m²

available in

Bucket of 20kg.

storage

1 year in unopened container away from heat.



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preparation of surface

Remove loose parts and powder residues from the support, with the aid of a brush.

On surfaces contaminated with oils using steam or alternatively proceed to abrasion of the surface using an abrasive brush before proceeding to treatment thereof with Silitop Creme.

In surfaces painted always check the level of grip and solidity of ink, it is important to ensure that the ink is fully adhered to the substrate, avoiding higher offs.

In new construction, complete cure expected surfaces of at least 4 weeks.

In the case of high pressure cleaning, wait 8 days for the support is dried in depth.



application

Apply Silitop Creme by airless spray, brush, roller or trowel. During application of the product if it is done too quickly, the product tends to get to the surface and begin to disappear, so it is advisable to apply slowly to avoid runoff.



Wash tools with water. Hardened material can only be removed mechanically.

