

ESASIL® 303P

MASONRY WATER REPELLENT

Esasil® 303P is a water-proofing powder siloxane for construction.

Characteristics

Base :	Water-proofing powder siloxane
Appearance:	White powder
Active substance:	40%
Density (DIN51757):	0,45 g/cm ³
pH:	8-9

Applications

Esasil® 303P is a high quality powder siloxane to add to the dry mix of concrete or hydrated lime and neutral to get waterproof mortars and piling. Powder Esasil® 303P is built in systems where the use of liquid water repellents is not suitable as: ready-mixed lime and concrete , plastic ready-mixed, piling jet for mat foundations, mortars for tails placing, or for redevelopment, internal and external plasters, finishing plasters etc.

It can be also used as a powder water-repellent for the production of external paintings (synthetic resins and lime based paintings) and it is effective also on wet substrates.

Indicated to formulate the filling for tile or for plasters ; thanks to its characteristics of high permeability, it's possible to add a normal resin (PVA) at 2% instead of the special waterproofing resins that are normally used in a 3/4 % proportion and that are really expensive. Together with Esasil® 303P at 0,2%, it permits to eliminate the zinc stearate and therefore to get a better waterproofing result as well as a lower cost of the final formulation.

The excellent resistance to the alkalis in the ready-mixed products make the Esasil® 303P really effective for any highly alkaline material pH 9 (fresh concrete).

After the application concrete and ready-mixed products formulated with ESASIL® 303P show a very low level of water absorbing and therefore an effective and long lasting waterproofing and resistance.

After the application, Esasil® 303P react with the atmosphere creating a waterproof barrier against the atmospheric agents (rain and acid rain) without forming films that obstruct the substrate transpiration and permitting then the passage of gases and water vapour.

Avoiding the rain permeability, the applied piling is preserved from spoiling slits and cracks, soot, humidity, microorganism and corrosive substances that the rain conveys.

Instructions of use

ESASIL® 303P is normally mixed with other powders (lime, concrete, sand) in the production of piling, plasters, ready-mixed products, and it can also be added at the end of the process.

A really effective and long lasting waterproofing can be achieved with a 0,2-0,8% addition depending on the weight of the product. It is recommended to test every treatment in order to value the minimum concentration to get the better performance.

Storage

ESASIL® 303P has to be stocked and transported at a temperature included between 0 and 35°. If kept in the original closed up packages and in dry places the product can last 12 months from the production date.

Packaging

Bags of kg 20 Big-bag 500Kg e Full-Truck
Code 42550/50

Head office and Production

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Production since 1957

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