



ATA KİMYA
İNŞAAT SANAYİ ve TİC. LTD. ŞTİ.

Esasil 300 P

Mansory Water Repellent

Esasil 300 P is a high performance water-proofing powder siloxane for construction.

Features:

Base : water-proofing powder siloxane
Appearance : white powder
Active substance : 50%
Density : 0,45 g/cm³
pH : 8-9

Application

Esasil 300P 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 300 P is built in systems where the use of liquid waterrepellants 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 waterrepellant for the production of external paintings (synthetic resins and lime based paintings) and it is effective also on wet substrates.

The excellent resistance to the alkalis in the ready-mixed products make the Esasil 300 P really effective for any highly alkaline material pH 9 (fresh concrete).

Indicated to formulate the filling for tile or for plasters ; thanks to its characteristics of high permeability, it's possible to add a normal resine (PVA) at 2% instead of the special waterproofing resines that are normally used in a 3/4 % proportion and that are really expensive. Together with Esasil 300P 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.

After the application concrete and ready-mixed products formulated with ESASIL 300 P show a very low level of water absorbing and therefore an effective and long lasting waterproofing and resistance.

After the application, Esasil 300P react with the atmosphere creating a waterproof barrier against the atmospheric agents (rain and acid rain) without forming films that obstaculate 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.

Instruction for use:

ESASIL 300P 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 300P 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.

Bags of kg 25 Big-bag da 500Kg e Full-Track
Code 40450/50