



## TECHNICAL DATA SHEET IDROSIL 1002

### HOW DOES IT WORK?

The product is delivered as stable water based suspension which contains water repellent nanoparticles. These nanoparticles give superior water repellent properties.

After the evaporation of the water, a translucent white powder layer is formed. This layer is super hydrophobic, this means the water will completely rejected from the surface. The layer is water vapour permeable and will not block the substrate. These properties avoid the formation of moulds, algae and moss.

The coating layer has self-cleaning properties.

### INSTRUCTIONS:

IDROSIL1002 can be used as is. To adapt the viscosity, you can dilute up to 30% with water. The surface must be clean and free of all contaminations before application. IDROSIL 1002 can be applied on a wet surface.

To apply the coating, you can use a brush, roller or spray gun.

For the spray gun application you need to use a heavy duty gun for viscous liquids like Walther, type PILOT XIII 2,0 mm.

Coverage is approximately 11 m<sup>2</sup> per liter (depends on the porosity of the substrate and the application method)

After application you need to protect the surface against rain, till the coating is dry.

To clean the equipment, you can use tap water.

The application is a one layer coating system. If you need multi-layer you need to coat wet on wet.

### FORMULATION:

Suspension of amorf siliciumdioxide en silicates in water with suspension stabilizers