

# BRILSAR 500

## WATER-RESISTENT AGENT, WATER EMULSION

**BRILSAR 500** is a water emulsion of new generation of a synthetic polymer. The product is non-toxic and it has a low environment impact. It gives a waterproof effect on hydro-absorbent materials as natural, synthetic and absorbent stone flooring as terracotta, concrete flooring or tiles and in general concrete supports, that must be preserved from water, atmospheric agents like salt and smog. **BRILSAR 500** does not change the colour of the material and keeps a good permeability to water vapour.

### CHEMICAL-PHYSICAL PROPERTIES:

Appearance		LIQUID
Smell		CHARACTERISTIC
Colour		WHITE
Solubility		DISPERSIBLE
pH		11.3 ± 1.0
Density at 20°C	g/cm <sup>3</sup>	0.990 ± 0.020
Viscosity (din. a 25°)	mPa·s	N.D.
Solid content	%	50.0 ± 2.0

### STORAGE:

The storage temperature must be included between 5° and 35°C. The product can't withstand the freeze. The shelf life is of 6 months from the production date.

### PROCESSING:

Prepare a dilution of **BRILSAR 500** in water (from a ratio 1:1 to a maximum of 1:12 in water) and apply the product obtained using a brush or a spray gun at low pressure. Before the actual application we suggest to make some preliminary tests on a small part of the pavement/tale etc. to establish the right dosages in proportion to the intensity of the waterproof effect that is desired.

The **BRILSAR 500** active agent starts the polymerization after 15 minutes from the application, but the total polymerization process is fully completed within 5 days from the application. For this reason, it is important to start the treatment with **BRILSAR 500** in a period where there are not imminent rains that can damage or stop the polymerization of the active agent.

Before using the product we suggest also to carefully clean the surface to treat from mildew, moss or previous treatments with a scraper or specific cleaning agents.

**BRILSAR 500** can be used as an additive for hydro-paintings or waxes with waterproof effects, in this case we suggest adding the product in the percentage necessary to get the desired effect before adding the required water.

### AVAILABLE PACKAGING:

Drums of 25 Kg – 50 Kg – 120 Kg – 200Kg; Tanks (IBC) of 1000 Kg

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Reviser: Denis Viani R&D Laboratory

The data presented are for information only, but we do not assume any responsibility. It will be our customer's care to check preventively the suitability of the product to his specific processing.