

HYDROPHOBATION

O2A HYDROPHOBATION

TEST CERTIFICATES AND SUPPORTING DOCUMENTS

- › Product acc. to DIN EN 1504-2 "Surface protection system for concrete" - Hydrophobing impregnation
- › External monitoring acc. to DIN EN 1504-2 by the QDB
- › Factory production control acc. to DIN EN 1504-2
- › Company certification acc. to DIN EN ISO 9001:2015

PROPERTIES

- › Solvent-free, creamy hydrophobing agent based on silane
- › Deep penetration into the concrete surface, water vapour-permeable and alkali-resistant
- › Reduces the penetration of chlorides and other pollutants dissolved in water
- › Compared to liquid media: a deeper penetration, a longer durability and a requirement of only one instead of two or three work steps
- › Environmentally-friendly and frost and deicing salt resistant
- › Prevents any moistening below surface protection coatings
- › Easy to process, thixotropic, with only one work step extremely cost-effective
- › Easily processable even in overhead areas

AREAS OF APPLICATION

- › Hydrophobation and protection against moisture in freely exposed concrete and mortar surfaces
- › Primer for subsequent surface protection coatings
- › Impregnation
- › Protective layer against any moistening below coatings

TECHNICAL DATA

TYPE	O2A	
Shape	creamy	
Colour	milky white	
Basis	Silane	
Active ingredient content	%	80
Density	g/cm ³	0.9
Mixing ratio	ready to use	
Flash point (concentrate)	°C	+30
Processing time	within h	unlimited
Application quantity approx.	g/m ²	200-400
Number of applications	1	

Storage:	12 months. Cool, dry, free from frost. Unopened in its original container.
Delivery form:	25-kg container
Safety statements:	Wear respiratory protective equipment and protective in the spraying process
Hazard class:	non-hazardous material, observe safety data sheet

PROCESSING

CONCRETE SUBSTRATE:

Free from impurities and separating substances; remove any damaged, loose and instable concrete; rinse off any dust residues.

Impregnate new concrete only after 4 - 6 weeks. Undiluted **O2A** is sprayed using the airless method or rolled or painted.

The milky-white colour dissolves with time.

The dew point has to be observed: 3 K above the dew point.

CLEANING:

Clean tools with water.

Moisture range: < 80 %

Temperature range: + 5 °C to + 30 °C