



EXOCOAT SH

Superhydrophobic Sol-Gel System

General Information

EXOCOAT SH is a sol-gel-based sphere technology. It can be used to produce superhydrophobic coatings with extreme water exclusion properties.

Description and Application

EXOCOAT SH is a unique 1K superhydrophobic sol-gel system that when formulated in water can be applied on mineral substrates as concrete, pavement, wall and stucco to get the so-called Lotus Effect. This effect is exemplified by a nearly invisible coating that has extreme repellence to water and aqueous solutions. With the contact angle of 140° water droplets bounce back from the surface and will roll down immediately upon touch. As a result, the wall remains dry, clean and will behave as efficient barrier against water.

It will not form a film and as a result the substrate stays breathable.

Application EXOCOAT SH

- Dilute EXOCOAT SH 1:10 with water
- Spray, brush or roll the product on the substrate
- Let it dry at room temperature for a day

Features

- Spheres for waterbased translucent superhydrophobic coatings
- Lotus effect with self-cleaning performance
- High water contact angles: >140°

Specifications

Appearance:	Clear to hazy liquid
PH:	1-3
Density (kg/l):	0.88-0.92
Ford Din Cup4(sec):	10-20
Active matter (%):	28-33%

Regulatory

EXOCOAT SH complies with the EC Regulation 1907/2006 (REACH) and TSCA, AICS, ENCS, KECL inventories.

Packaging

2.5kg, 20kg

Storage

12 months in original container under 5-45°C, dark condition

Think about your impact on the environment: reduce, reuse or recycle! Contact Axcentive if you feel we could be of help.



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