

Hydrophobic Coating

Properties of Liquid

Physical / Chemical Properties	
Solid Content % wt	10
Drying Time	24 hr
Viscosity (cP)	12
Color	Clear to cloudy liquid
Appearance	Clear
Contact Angel	> 150°
Heat Resistance	350 °C
UV Exposure (Normal Conditions)	Stable
pH	14-15
Nanoparticle Size (DLS)	< 100 nm



Features
<ul style="list-style-type: none"> ▪ Water- repellent ▪ Oil- Repellent ▪ Easy- to- Clean effect ▪ Invisible to the human eye ▪ Simple application (do- it- yourself) ▪ Chemical Resistant ▪ Dries in seconds, Cures at room temperature (24 hr) ▪ Breathable

Uses

Every type of porous surface with a mineral - based origin including:
Concrete, Lime stone, Sandstone, Concrete blocks, Porous granite/
marble, Roof tiles/ Clay

Application

H701 protects microporous surfaces from contamination. It is a clear, water-based liquid that is sprayed or rolled onto horizontal or vertical surfaces. It does not affect appearance or breathability, and will not wear, fade, yellow, crack or peel. It is also chemically and mechanically resistant.

Surface Preparation: Ensure a clean dry surface before application.

Application: Spray on the surface and let it dry.
Dry/ Cure Time: This coating completely adheres to the surface after 24 hr. the coating will only exhibit the hydrophobic property after this curing period.

Coating Methods

Nano H701 Coating can be applied by a variety of methods including dip, spin, spray. The substrate will often determine the best coating method.