

Excellent Water Attraction

Cured HydroPhil™-S develops a unique surface structure which attracts water to the coated surface. The result is water contact angles approaching 0°.

Optical Clarity

The combination of the coatings' thinness and the surface structures result in excellent optical clarity.

UV Stable

HydroPhil™-S is stable to ultraviolet exposure.

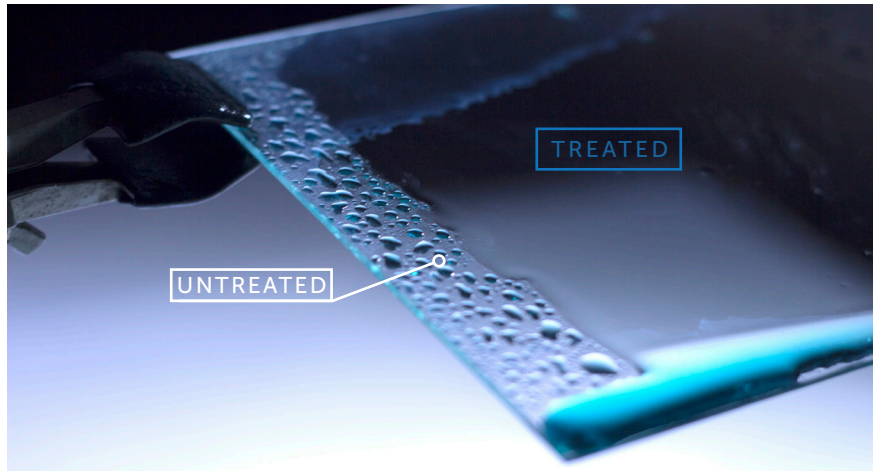
Coating Methods

HydroPhil™-S may be applied to most substrates by dip, spin, spray, sponge, or roller. The substrate will often determine the best coating method.

Durability

HydroPhil™-S is a robust coating that will maintain its hydrophilic properties after modest abrasion or chemical exposure.

HydroPhil™-S is a patent pending nano scale coating with superior super-hydrophilic water sheeting properties, that can be applied to most surfaces and materials. HydroPhil™-S is ideal for HVAC and industrial applications.



Properties of Liquid HydroPhil™-S

Solids Content % by Weight	1.0 ± 0.5
Flashpoint, °C	16.6
Drying Time	< 30 Seconds
Viscosity (cP)	1.2

Properties of Cured HydroPhil™-S

Contact Angle	< 10°
Thickness	< 200 nm
UV Exposure	Stable
Optical Clarity	93% - 96%
Haze (1)	0.40% - 0.70%

**HydroPhil™-S does not provide corrosion resistance and should be applied over the proper substrate or other corrosion protective material.*

(1) Transmission & Haze measurements on Polycarbonate