
DESCRIPTION

Premera H2 Hydrophobic Glass Treatment creates an invisible, durable coating by chemically bonding to surfaces. Imparts water repellent, antistatic, release, and lubricious properties.

FEATURES

- Creates scratch resistant surface
- Creates water repellent surface
- Creates antistatic surface
- Improves visibility during rain on windshield glass.
- Improves light transfer through glass
- Water based

TYPICAL USES

- Glass, Mirror, Tile and Ceramics.

COLORS

Appearance: colorless to milky liquid

Finish: invisible

PACKAGING

1 quarts, 1 gallon buckets, 5 gallon pails, 55 gallon drums, 275 gallon totes

COVERAGE

Calculation for theoretical coverage: 800 – 1000 ft² /gal

Coverage will vary depending on the porosity and texture of the substrate.

STORAGE

Twelve months in factory delivered, unopened drums. Store in cool, dry location.

MIXING

Ready to use. There is no need for mixing or diluting.

TECHNICAL DATA (All values @ 77 °F / 25 °C)	US	Metric
Volatile organic compounds (ASTM D2369)	0 lb./gal	0 gm/ liter
Theoretical coverage	800 – 1000 Ft ² /gal	20-25 m ² /liter
Specific Gravity of materials (ASTM D792)	8 lbs./gal	0.96 kg/ liter
Shelf life @ 77 °F /25 °C	12 months	12 months
Flash point - pensky martin closed cup	N/A	N/A

Application Temperature	45 – 105 °F	7 – 77 °C
PROCESSING PROPERTIES (Under standard lab conditions)		
Touch Dry	1 minute	
Dry Through	1 minute	
Full Cure	3-5 minute	
<i>Properties and values are highly dependent on equipment, spray gun, mix chamber temperature, pressure and related parameters. Values are slightly different for clear. Variations are possible and expected.</i>		

SURFACE PREPARATION

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, and other foreign material using melanine sponge or newspaper. Melanine sponge or newspaper acts as a mild abrasive necessary to open the grain of the glass enough for the coating to achieve the required bond without scratching the glass. Mask off surfaces intended for coating to avoid coating unwanted areas.

APPLICATION:

Test Area: Due to the wide variety substrates, always test Hydrophobic Glass Treatment in an inconspicuous location to ensure performance and compatibility with the surface.

Make certain surface is in clean, dry and sound condition. If applying outdoors, do not apply in direct sun or on glass over 75° F. Shake the container for several minutes to resuspend the ultra-small particles that have settled to the bottom. Make certain to re-shake every 15-20 minutes to ensure proper performance.

Use a soft lint-free, shop-quality paper towel or microfiber cloth to apply. Pour an amount of the coating onto the paper towel or microfiber cloth to saturate it, but not so much it is dripping off. Then wipe a thin coat onto the surface using a circular motion, making sure every part is coated.

Do Not Let Dry, buff off within 20-30 seconds using a clean microfiber cloth. If too much coating was applied, and residue cannot be removed with the microfiber cloth, use a dry piece of newspaper to wipe off any excess residue.

SCREEN PROTECTION

Glass Screens:

1. Turn off phone or tablet.
2. Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, and other foreign material using glass cleaner with a newspaper or melanine sponge. The newspaper or sponge acts as a mild abrasive necessary to open the grain of the glass enough for the coating to achieve the required bond without scratching the glass.
3. Use a soft lint-free, shop-quality paper towel or microfiber cloth to apply. Pour an amount of Hydrophobic Glass Treatment onto the paper towel/microfiber cloth to saturate it, but not so much it is dripping off. Then wipe a thin coat onto the surface using a circular motion, making sure every part is coated.

Do not let dry, buff off within 20-30 seconds using a clean microfiber cloth.

Ploycarbonate Screens:

Follow above directions for Glass Screens for steps 1- 3 however allow each coat to dry to a haze 1-2 minutes before buffing off. Then repeat #3 above two more times for a total of three coats of Hydrophobic Glass Treatment.

EQUIPMENT CLEAN UP

Clean tools and equipment with water, rinsing thoroughly.

WARRANTIES AND DISCLAIMERS

Nukote Coating Systems International, a Nevada, USA Corporation warrants that this product shall conform to the technical specifications published in the product literature. The quality and fitness of the product is dependent upon the proper mixture and application of the components by the applicator. Nukote Coating Systems has no role in the application of the finished polymer other than to manufacture and supply its two components. It is vital that the person applying this product understands the product and is fully trained and certified in the use of plural component equipment and application of plural component materials. There are no warranties that extend beyond the description on the face of this instrument, except when provided in writing, directly by Nukote Coating Systems International and executed under seal by a company officer.