
DESCRIPTION

Premera H2F Fog Fighter is a thin, water based super thin-polymer coating designed to create an invisible sacrificial barrier for glass surfaces. This barrier imbues a self-cleaning effect by controlling how water interacts with the surface.

FEATURES

- Creates scratch resistant surface
- Imparts a Hydrophilic and Semi Self Cleaning/Easy Cleaning Surface
- Rapidly Adsorbs onto Surfaces it's applied to.
- Provides Spot Free Drying and Anti-Fogging
- Functions in Acid, Neutral, Alkaline and Peroxide Environments
- Water based

TYPICAL USES

- Glass, Tub and Tile, Glass Sink Bowls, Pool and Spa Tiles, Ceramics, Stainless Steel, Acrylics.

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 to twenty four 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 | 12-24 Months | 12-24 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 | 3-5 minute | |
| Dry Through | 3-5 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 contaminants using glass cleaner and melamine sponge. Mask off any adjacent areas on other parts you are coating to avoid coating unintended surfaces.

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 has been prepared properly and is clean and dry. If applying outdoors, make certain the ambient temperature is between 45° F and 105° F, 90% RH or less. Shake the container for several minutes to re-suspend the micro particles that have settled to the bottom. Make certain to re-shake every 10-15 minutes to ensure proper performance. Use a microfiber cloth to apply. Pour an amount of the coating onto the microfiber to saturate it, but not so much it is dripping off. Then in a circular motion wipe a thin coat onto the surface making certain to get complete coverage. Do not wipe the solution off of the surface. The coating will dry clear in five minutes.

EQUIPMENT CLEAN UP

Clean tools and equipment with water, rinsing thoroughly.

LIMITATION

Premera H2F Fog Fighter may dull the appearance and finish of polished limestone or marble. Caution is advised.

MAINTENANCE

Expected Wear: 1-2 months under normal conditions. Re-apply as needed, no stripping required.
To clean and maintain, use an approved cleaner and non-abrasive cleaning cloth.

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.