

## GPPP083® GLASS COATING

### PRODUCT DATA SHEET (PDS)

Product Description	Technical Data
<p>GPPP083® is the highest performance glass coating by Glassprimer™. GPPP083® has been proven industry standard since 1998. GPPP083® is a low VOC self-priming/permanent-bonding glass coating suitable for use on both interior and exterior architectural glass surfaces. <b>*note:</b> warranty does not apply to exterior use. GPPP083® uses industry leading Nano-tech bonding properties. GPPP083® can be applied to glass surfaces by spraying, rolling, or brushing. GPPP083® has low re-coat time and fast cure time. GPPP083® has excellent performance characteristics, such as flow, leveling, weathering, film hardness, and ultraviolet resistance. GPPP083® meets and exceeds ASTM standards for spandrel glass coatings. GPPP083® is available in neutral and white tint bases with a wide range of color match capabilities by Glassprimer™ TrueColor® technology.</p>	<p><b>Packaging:</b> 1 gal (3.78L). (short filled for adding colorant) <b>VOC:</b> 2.44 lbs/gal (293 g/L) <b>Viscosity:</b> 85-125 ku <b>Weight per gal:</b> 13.2 lbs (5.99 kg) <b>Mixing ratio:</b> 7 parts GPPP083® paint/1part GPUC083® catalyst <b>Thinning:</b> 2 parts acetone max <b>Dry Film Thickness:</b> 2.5 mil min/5.5 mil max <b>Coverage:</b> up to 265 sq ft/gal (24.6 sq m) <b>Pot Life:</b> 2-3 hours <b>Clean up:</b> acetone <b>Shelf life:</b> GPPP083® 3 years/GPUC083® 2 years un-opened <b>Storage:</b> store in a dry place, store at general indoor room temp</p>
<h4>Use Limitations</h4>	<p><b>Tinting and Base Information:</b> GPPP083® can only be tinted with GPPP083® colorants due to the products Nano-tech properties. Color formulas require GPPP083® white tint base or GPPP083® neutral tint base depending on color. Most all paint mfg color formulas can be generated through Glassprimer™ TrueColor® technology.</p>
<p>Only apply when air temperature is above 40°F (4°C) and glass surface temperature is at least 5°F (3°C) above the dew point. Warranty does not apply for use in high moisture environments.</p>	<p><b>Drying Schedule</b> <b>Optimal Condition:</b> 75°F(23.9°C)50% humidity <b>Touch:</b> 2.5 hours <b>Handle:</b> 4 hours</p>
<h4>Glass Surface Cleaning</h4>	<p><b>Re-coat:</b> 10 mins min / 5 hours max <b>Full Cure:</b> Generally 24-72 hours in optimal conditions. <b>*note:</b> curing time can take up to 15 days if conditions are not optimal. Curing time will become substantially longer if the paint is applied in film thickness greater than our recommendations. A good field test to determine if the paint is cured enough for install is what is refereed to as a finger nail test: Press your finger nail into the painted surface with force. If you can see any indentation in the paint after you remove your finger, the paint needs more time to cure. If the painted surface feels hard like the glass surface with no visible indent, it is generally ready for install. <b>Resistance to UV light:</b> excellent <b>Resistance to heat:</b> 350°F(176.7°C)</p>

## Resistance to Solvents and other Chemicals

- Excellent resistance to Isopropyl alcohol
- Excellent resistance to 10% Sulfuric Acid
- Excellent resistance to 10% Ammonia
- Excellent resistance to Gasoline
- Excellent resistance to Oil
- Excellent resistance to 10% Hydrochloric Acid
- Excellent resistance to 10% Sodium Hydroxide
- Very Good resistance to 500 Hours Salt Spray
- Good resistance to Xylene
- Good resistance to Water, but immersion not recommended

Application Details	Use/Install Instructions
<p><b>Spray:</b> HVLP cup gun, gravity or suction feed <b>Tip size:</b> 1.5-2.0mm <b>Pressure:</b> 40-120 psi</p> <hr/> <p><b>Roller:</b> solvent resistant mohair roller <b>Brush:</b> solvent resistant natural bristle</p> <hr/> <p><b>Spread Rate</b> <b>mils wet:</b> 3.0 min/8.0 max <b>mils dry:</b> 2.5 min/5.5 max</p>	<p>Mix GPPP083® paint thoroughly before mixing with GPUC083® catalyst. Add 1 part of GPUC083® catalyst to 7 parts of GPPP083® paint and mix well. Once mixed let paint stand (digest) for 5 minutes before spraying. Pour paint through paint strainer before use. Air spraying is the most recommended application method.</p> <hr/> <p><b>Install adhesives:</b> Once fully cured, GPPP083® is compatible with mirror mastic (paint can style only), Neutral cure (acid free) silicone glue, and double sided glazer tape.</p> <p><b>*note:</b> Read all labels, warning labels and Material Safety Data Sheet (MSDS) information prior to use. MSDS is available through <a href="http://www.GlassPrimer.com">www.GlassPrimer.com</a> or request MSDS through e-mail at <a href="mailto:msds@glassprimer.com">msds@glassprimer.com</a></p>

## GLASSPRIMER™

GLASSPRIMER™ High Performance Glass Coatings

Version: 01/23/1998 Revised: 04/18/2014

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