

TECHNICAL DATA Glassprimer™ | 2 part glass paint system

GPPP083 / GPUC083



RECOMMENDED USE:

- GPPP083 is recommended for interior and exterior use on properly cleaned glass surfaces. *note: [warranty](#) applies to interior use only.
- GPPP083 provides great performance properties, such as excellent flow and leveling, film hardness and exterior durability.

COLORS:

- Any color from any paint company can be matched by the Glassprimer™ color matching system.

PERFORMANCE FEATURES:

SHEEN:

- GPPP083 is semi/gloss.
- GPPP083 has a high gloss finish once backpainted on glass.

FADE RESISTANCE:

- Long term UV light exposure studies confirm GPPP083 is significantly better than that of most exterior paints.

WATER RESISTANCE: Excellent

HEAT RESISTANCE: 350 °F

GLASS ADHESION:

- GPPP083 is formulated to create a permanent bond to glass. GPPP083 actively modifies glass surface molecular structure to form a permanent paint/glass bond.

CHEMICAL/SOLVENT RESISTANCE:

- • Gasoline/Excellent
- • Oil/Excellent

- • Isopropyl alcohol/Excellent
- • 10% Sulfuric Acid/Excellent
- • 10% Ammonia/Excellent
- • 10% Hydrochloric Acid/Excellent
- • 10% Sodium Hydroxide/Excellent
- • 500 Hours Salt Spray/Very Good
- • Xylene/Good
- • Water Resistant, not recommended for immersion.

APPLICATION DATA:

GLASS CLEANING DIRECTIONS: Thoroughly clean glass surface with rubbing alcohol and new paper towels. #0000 fine steel wool with rubbing alcohol can be used to polish out any difficult to clean areas. Always polish glass dry with clean paper towels.

MIXING DIRECTIONS:

- Stir GPPP083 thoroughly before being used.
- Mix 7 parts component A (GPPP083) to 1 part component B (GPUC083) (7:1 Ratio). Agitate thoroughly and allow it to digest 5 minutes before using.

THINNING: Thin paint with no more than 15% acetone. (1 part)

POT LIFE: 75°F 2-3 hours depending on temperatures and humidity.

APPLICATION EQUIPMENT: Conventional HVLP spray gun: 40-120 psi at the gun, tip size 1.5-2.00 mm. Or apply with conventional mohair paint roller of desired size.

RECOMMENDED WET FILM BUILD:

- Spray application: 3.0 – 10.0 mils (3-10 coats)
- Roller application: 3.0 – 10.0 mils (3-10 coats)
- Film build in excess of this recommendation may cause problems such as, adhesion failure, pigment floatation, solvent popping, and slow cure.

DRYING TIME:

- • 4 mils wet at 75°F and 50% relative humidity.
- • To Touch: 30 minutes-1 hour
- • To Handle: 2-3 hours
- • Dry: 48 hours
- • Recoat: 5-10 minutes if sprayed
- • Recoat: 20-30 minutes if rolled
- • These conditions do not mean that paint has reached full cure. It is a stage where handling can be achieved without loosening, wrinkling or otherwise marring the paint under minimal pressure from fingers or hands. Drying time listed may vary, depending on film build, color selection, temperature, humidity and degree of air movement.
- • Paint is not fully cured for 15 days relative to the above conditions.
- • Application of film thickness in excess of that recommended for this product will substantially

extend dry time.

RECOMMENDED SPREADING RATE: Approximately 265sq feet (24 m2) at 3.0 mil (3-4 coats) per U.S. gallon. Brighter colors may require more coats to reach full opacity. Spray application is most efficient to achieve the above coverage.

APPLICATION LIMITATIONS:

- Apply only when air, product or glass surface temperature is above 50°F and below 300°F. Apply only when glass surface temperature is at least 5°F above the dew point.

REGULATORY INFORMATION

- Chemical Inventory Status:
Container Type: R
Container Pressure Code: 1
Temperature Code: 4
Product State Code: L
Site Specific / Reporting Information:
Volatile Organic Compounds (lbs/gal) 2.50
Volatile Organic Compounds (g/l) 300

TESTING (ASTM)



MSDS



DISCLAIMER

- Glassprimer™ GPPP083 VOC (volatile organic compounds) must meet the local, state or federal regulations for your coating application and environment. If you or your company is subject to a local, state or federal rule that regulates these compounds, you are obligated to purchase coatings that meet those regulatory limits. The limits can vary depending on the state in which the regulation is written, what the coating is used for, what application is used to apply the coating, and the environment the coating is being applied or used in. If you are not subject to any regulation that covers coating products then you are free to use any coating product.