



PROTECTIVE COATINGS

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TECHNICAL DATA

PERMA-GLOSS FLUORURETHANE

COATING DATA

DESCRIPTION:

Perma-Gloss Fluorourethane is a two component high gloss, fluorourethane coating. Perma-Gloss will substantially enhance the color and gloss retention of coating systems on high profile projects longer than other commercially available coatings. It is available in a virtually unlimited color range. Perma-Gloss Fluorourethane is a high performance chemical and stain resistant coating which performs well in a variety of aggressive environments. This product meets the finish coat requirements of ANSI/AWWA D102-06 System OCS-4.

USE:

Use as the exterior finish coat for tanks and other exposed steel and non-ferrous substrates where extremely long-term maintenance cycles are desired.

Perma-Gloss Fluorourethane:

- Provides excellent color and gloss retention.
- Extends color stability.
- Allows for easy graffiti removal.
- No recoating window.
- Brush, Roll or Spray application.

RECOATABILITY:

The product may be recoated with itself any time after 18 hours.

LIMITATIONS:

Do not use in immersion service. Maximum continuous dry surface temperature 200°F (93°C).

SURFACE PREPARATION:

Apply Perma-Gloss Fluorourethane over Indurethane 6700 Flat, Indurethane 6600 Plus or Induron Epoxies after 18 hours. Surface must be clean, dry and free of chalk.

COVERAGE:

Theoretical—914 ft² per gallon at 1.0 mil dry film thickness.

DRY FILM THICKNESS:

2.0 to 3.0 mils per coat.
Minimum DFT of 2.0 mils is mandatory.

WET FILM THICKNESS:

4.0 to 6.0 mils.

APPLICATION DATA

BLEND RATIO:

One part by volume Perma-Gloss Fluorourethane Activator to four parts Perma-Gloss Fluorourethane Base by volume. Power agitate until components are thoroughly mixed. Mixing of partial kits is not recommended.

POT LIFE:

90 minutes at 80°F (27°C).

APPLICATION:

Brush—Use natural bristle brush only. **Roller**—Thin as required up to 10% with Induron K-1017 Reducer. Use 3/8" or 1/2" synthetic nap roller. Roll out evenly over a suitable area while keeping the roller wet. Roller strokes should be parallel and in the same direction. *Avoid dry rolling.* **Airless Spray**—Not usually recommended but can be applied using a .015-.019, 60 mesh filter, 30:1 pump ratio at 60-100 operating psi.

THINNING:

Thin up to 10% by volume with Induron K-1017 Reducer for roller application.

CLIMATE:

Use this product only if the substrate temperature and ambient air temperature is above 40°F and is expected not to decrease for at least two hours after application. Also, the substrate temperature must be 5°F above the dew point for a period of at least two hours after application.

DRY TIME:

TO HANDLE—Four hours @ 80°F (27°C). TO RECOAT—Overnight.

Note: Lower temperature, high film build and/or poor ventilation will retard dry time.

Note: U-50 Accelerator may be used to increase the normal curing rate of reaction to provide a rapid low temperature cure. See U-50 Technical Data Sheet for more information.

PHYSICAL DATA:

VOLUME SOLIDS: 57% ± 1% mixed

SOLIDS BY WEIGHT: 65% ± 1% mixed

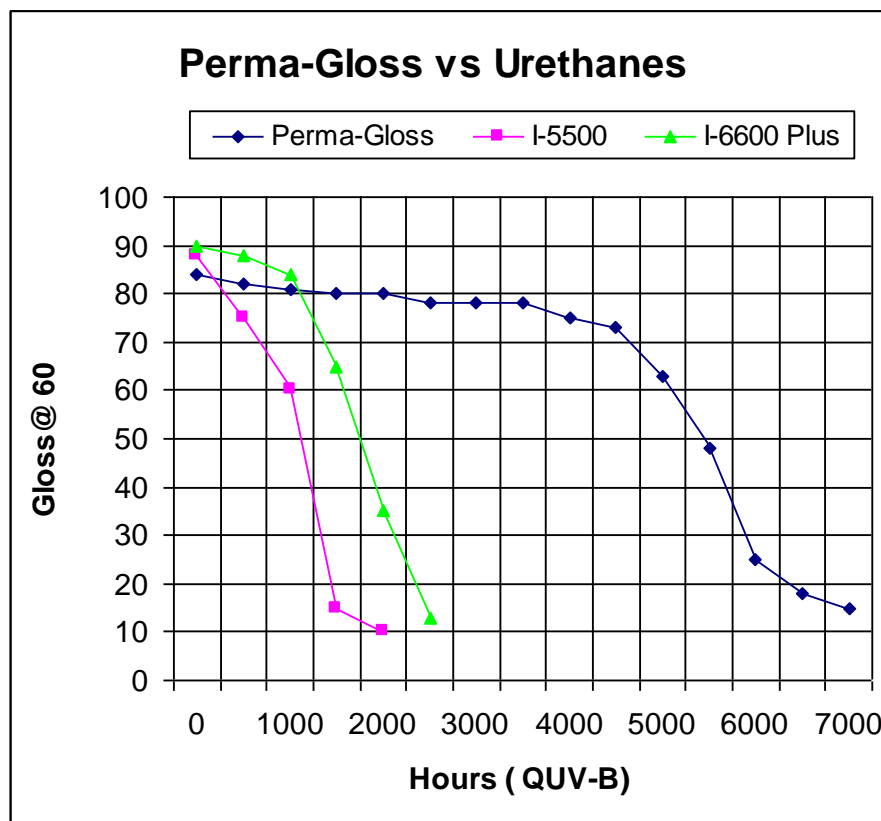
WEIGHT PER GALLON: 12.2 ± 0.2 lbs/gallon

VOLATILE ORGANIC CONTENTS:

Mixed unthinned - < 2.5 lbs/gallon; < 300 grams/liter

Mixed thinned 10% - < 2.5 lbs/gallon; < 300 grams/liter

PERFORMANCE DATA:



SAFETY DATA:

See individual product label for safety and health data information. Individual Material Safety Data Sheets are available upon request.