



**PROTECTIVE COATINGS**

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## TECHNICAL DATA

### PERMA-GLOSS LV FLUORURETHANE

## COATING DATA

### DESCRIPTION:

Perma-Gloss LV Fluorourethane is a two-component, very low VOC, high gloss, fluorourethane coating that will substantially increase the long-term color and gloss retention when compared to conventional urethane finish coatings. This Low VOC finish coat also meets the most stringent of regional VOC and HAPS regulations. 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 D102-11 System OCS-4. Perma-Gloss Fluorourethane contains a factory added mildewcide.

### USE:

Use as the exterior finish coat for tanks and other exposed steel and non-ferrous substrates. This fluorourethane finish coat provides the benefit of extremely long-term maintenance cycles.

#### Perma-Gloss LV Fluorourethane :

- Provides the best color and gloss retention of any readily available industrial coating. VOC/HAPS compliant for all regions.
- Significantly extends color stability.
- Allows for easy graffiti removal.
- No recoat window with itself.
- 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 LV Fluorourethane over Indurethane 6700 Flat, Indurethane 6600 Plus, Permastic Polyurethane Satin or Gloss and Induron Epoxies. Surface must be clean, dry and free of chalk.

### COVERAGE:

Theoretical—922 ft<sup>2</sup> 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 LV Fluorourethane Activator to four parts Perma-Gloss LV Fluorourethane Base by volume. Power agitate until components are thoroughly mixed. Mixing of partial kits is not recommended.

### POT LIFE:

60 minutes @90F, 2 hours @70F, 3 hours @50F.

## APPLICATION:

**Brush**—Use natural bristle brush only. **Roller**—Thin if necessary up to 15% 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:

Required minimum thinning 15% by volume with Induron K-1017 Reducer for roller application.  
Required minimum thinning 20% by volume with Induron K-1017 Reducer for spray 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—3 hours @90F, 6 hours @70F, @12 hours@50F.

TO RECOAT—Overnight.

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

**Note:** U-50 Accelerator may be used **at reduced quantities** 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: 58% ± 1% mixed

SOLIDS BY WEIGHT: 68% ± 1% mixed

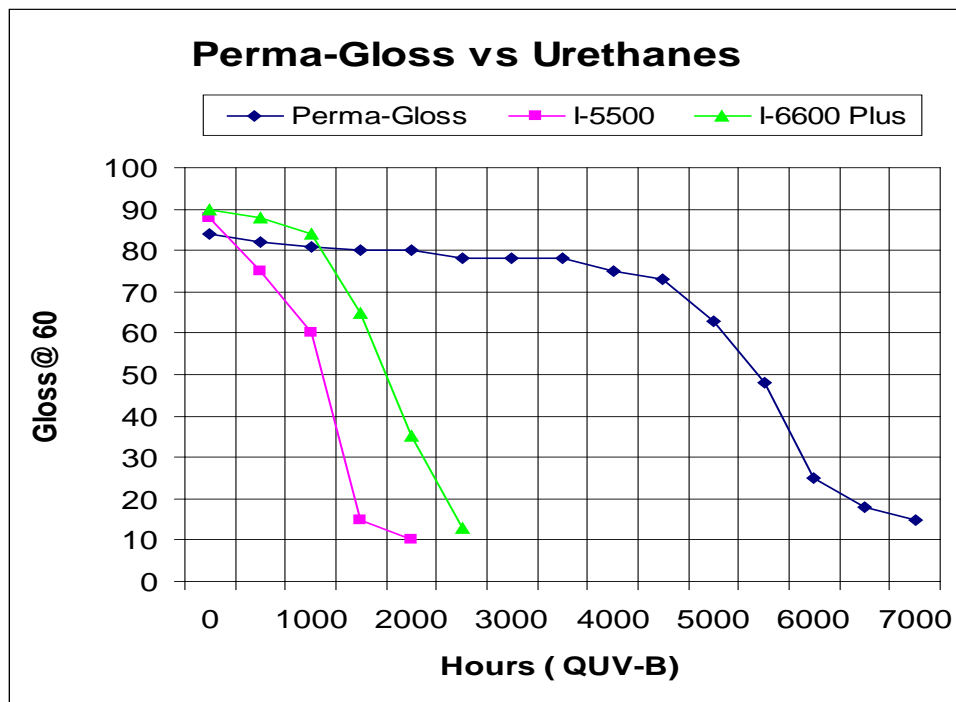
WEIGHT PER GALLON: 13 ± 0.2 lbs/gallon

VOLATILE ORGANIC CONTENTS:

Mixed unthinned - < 0.7 lbs/gallon; < 84 grams/liter

Mixed thinned 10% - < 0.7 lbs/gallon; < 84 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.