

COATING DATA

DESCRIPTION:

A high solids, very low gloss, acrylic polyurethane. Indurethane 6700 Flat Polyurethane provides outstanding performance in the severest climates and will retain original color for many years. It is available in a virtually unlimited color range. It 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 Designation OCS-5 and OCS-6. Indurethane 6700 Flat Polyurethane is the recommended base coat for the Induron PermaGloss Flourourethane System.

Indurethane 6700 FLAT Polyurethane

- Excellent exterior durability. Retains color for years.
- Provides complete color flexibility, choose from Induron color card or provide us with your standard.
- Is a high performance chemical resistant coating.
- Complies with U.S. EPA Ozone Transport Commission (OTC) for Volatile Organic Compounds for VOC Emission Standards for industrial maintenance coatings.
- Excellent flow and leveling for brush and roller

USE:

Use as the base or finish coat on properly prepared interior or exterior surfaces. This coating is especially designed for use where long term color retention is required. Use in a range of aggressive environments such as:

- Water storage tanks and treatment plants
- Miscellaneous exposed metals
- Pulp and paper processing facilities
- Architectural décor

LIMITATIONS:

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

SURFACE PREPARATION:

PRIMERS—Induron Indurethane 6700 Flat Polyurethane may be directly applied over:

- Perma-Clean II Epoxy
- Indurazinc MC-67 Primer
- Induraguard Epoxy
- Armoguard Epoxy
- PE-70 Epoxy
- RC-70 Epoxy
- Induramastic 85
- Indurazinc DF 67

Induron Indurethane 6700 Flat Polyurethane may be applied over an appropriate Induron epoxy primer or intermediate coat or be applied directly to phosphated steel or steel prepared with an SSPC-SP 6 Commercial Blast.

RECOATABILITY:

This product may be recoated with itself, Indurethane 6600, Indurethane 5000 or PermaGloss Flourourethane anytime after 18 hours.

COVERAGE:

Theoretical—1,060 ft² per gallon at 1.0 mil dry.

DRY FILM THICKNESS:

2.0 to 3.0 mils.

WET FILM THICKNESS:

3.0 to 4.5 mils.

APPLICATION DATA

BLEND RATIO:

One part Q08-1212 Indurethane Activator to eight parts Indurethane 6700 Flat Polyurethane Base by volume. Power agitate until components are thoroughly mixed.

POT LIFE:

2 hours at 80°F.

STORAGE TEMPERATURE:

Minimum 20°F, Maximum 110°F.

SHELF LIFE:

18 months at recommended storage temperature.

APPLICATION:

Airless Spray: Use .015-.017 tip, 60 mesh filter, 30:1 pump ratio at 60-100 psi operating air pressure.

Roll: Use short nap cover. Additional coats may be required to achieve desired film thickness.

Brush: Use natural bristle brush. Additional coats may be required to achieve desired film thickness.

THINNING:

If thinning is required for viscosity reduction or cleanup, use K-1017.

SURFACE TEMPERATURE:

Minimum 40°F, Maximum 120°F.

CLIMATE:

Use this product only if the substrate temperature and ambient air temperature is a minimum of 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 dewpoint for a period of at least two hours after application to avoid condensation occurring on wet paint.

DRY TIME:

TO HANDLE—4 hours at 80°F. TO RECOAT—Overnight.

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

PHYSICAL DATA:

VOLUME SOLIDS: 67% ± 2%

SOLIDS BY WEIGHT: 79% ± 2%

WEIGHT PER GALLON: 11.8 ± 0.2 lbs per gallon

VOLATILE ORGANIC COMPOUNDS:

Mixed unthinned: < 2.7 lbs/gallon; < 324 grams/liter

Mixed thinned 10%: < 2.7 lbs/gallon; < 324 grams/liter

PERFORMANCE DATA:

GRAFFITI CLEAN-UP: Spray Paint—100% removed with ketone solvent.

SAFETY DATA:

See individual product label for safety and health data. A Material Safety Data Sheet is available upon request.