



PROTECTIVE COATINGS

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TECHNICAL DATA

INDURETHANE 6700 FLAT URETHANE

COATING DATA

DESCRIPTION:

Indurethane 6700 Flat Urethane is a high solids, very low gloss, acrylic polyurethane available in a virtually unlimited color range. It provides outstanding performance in severe climates and will retain color for many years. 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. This is ideal as the base coat for the Induron Perma-Gloss Fluorourethane System.

Indurethane 6700 FLAT Polyurethane

- Excellent exterior durability. Retains gloss and color for years.
- Provides complete color flexibility. Choose from Induron color card standards or provide us with your color of choice.
- Contains our factory added mildewcide.
- 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.

USE:

Use as the finish coat on properly prepared interior or exterior surfaces. This coating is especially designed for use where long term gloss and color retention is required. The ultimate finish coat for gloss and color retention is Induron Perma-Gloss Fluorourethane. This finish coating is formulated for use in a range of aggressive environments such as:

- Water storage tanks, water and waste water treatment plants
- Pulp and paper, pharmaceutical, petrochemical and chemical processing facilities
- Architectural décor
- Miscellaneous exposed metals and masonry

LIMITATIONS:

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

SURFACE PREPARATION:

Induron Indurethane 6700 Flat Urethane may be applied over the appropriate Induron epoxy primer or intermediate coat or be applied directly to phosphated steel or steel prepared in accordance with an SSPC-SP 6/NACE 3 Commercial Blast. It may be applied over properly prepared and primed masonry and non-ferrous substrates. Consult your Induron representative for specific recommendations.

PRIMERS—Induron Indurethane 6700 may be directly applied over:

- Perma-Clean II Epoxy
- Indurazinc MC-67 or DF-67, MC Universal Primer, P-30 Primer
- Polyfill Epoxy Block Filler
- AquaClean, PE-70 or RC-70 Epoxy
- Induramastic 85 & Induraguard Epoxy
- E-Bond 100 & MCU 62 Penetrating Sealer

RECOATABILITY:

This product may be recoated with itself, Indurethane 6600, Indurethane 5000, Permastic Polyurethane and Perma-Gloss Fluorourethane any time 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: 5 hours@50F, 2.5 hours@70F, 1 hour@90F

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, high quality synthetic cover with a solvent resistant core. 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 dew point for a period of at least two hours after application to avoid film defects caused by condensation occurring on wet paint.

DRY TIME:

TO HANDLE— 12 hours@50F, 6 hours@70F, 3 hours@90F

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.