INDURON
PROTECTIVE COATINGS
800 324 9584 | 3333 R. ARRINGTON N. • BHAM, AL 35234

TECHNICAL DATA

INDURETHANE 6600 PLUS

COATING DATA

DESCRIPTION:

Indurethane 6600 Plus is a high solids, high gloss acrylic polyurethane finish formulated with the highest quality resin and pigment. It is specially formulated to provide outstanding performance in the most severe climates and will retain its gloss and color for many years. It is available in a virtually unlimited color range and is manufactured using a factory added mildewcide to reduce microbial growth on the cured film. This product meets the finish coat requirements of ANSI/AWWA D102-06 System Designation OCS-5 and OCS-6. Indurethane 6600 Plus High Gloss Polyurethane provides greater than 50% extended protection from ultra-violet light.

Indurethane 6600 High Gloss 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.

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 6600 Plus 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 6600 Plus 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
- 6700 Indurethane, Permastic Polyurethane

RECOATABILITY: This product may be recoated with itself any time after 18 hours.

COVERAGE: Theoretical—1,023 ft^2 per gallon at 1.0 mil dry.

DRY FILM THICKNESS: 2.0 to 4.0 mils. **WET FILM THICKNESS:** 3.0 to 6.0 mils.
*Number of coats and thickness will vary with substrate and application method and technique.

APPLICATION DATA

BLEND RATIO:
One part Q08-1212 Indurethane Activator to eight parts Indurethane 6600 Plus 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 35°F, Maximum 120°F.

CLIMATE:
Use this product only if the substrate temperature and ambient air temperature is a minimum of 35°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, 6hours@70F, 3 hours@90F.
TO RECOAT—Overnight.
Note: Lower temperature, higher 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: 64% ± 2%
SOLIDS BY WEIGHT: 73% ± 2%
WEIGHT PER GALLON: 10.4 ± 0.2 lbs per gallon
VOLATILE ORGANIC COMPOUNDS:
Mixed unthinned: < 2.8 lbs/gallon; < 336 grams/liter
Mixed thinned 10%: < 2.8 lbs/gallon; < 336 grams/liter

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