

COATING DATA

DESCRIPTION:

Indurethane 6600 Plus is a premium, high solids, high gloss acrylic polyurethane finish specially formulated to provide outstanding weatherability in all environments. 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.

- Meets SSPC Paint-36 Level 3 (highest level of weatherability)
- Complies with U. S. EPA Ozone Transport Commission (OTC) VOC Emission Standards for industrial maintenance coatings.
- Meets the finish coat requirements detailed in ANSI/AWWA D102-06 System Designations OCS-5 and OCS-6

USE:

Corrosion resistant direct to metal finish or finish coat for two and three coat corrosion protection coating systems

LIMITATIONS:

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

SURFACE PREPARATION:

Steel - SSPC-SP 6/NACE 3 Commercial Blast Cleaning with 0.5-1.5 mil dense angular surface profile

Non-ferrous metals - SSPC-SP 16 Brush-off blast cleaning for non-ferrous metals

Concrete – New concrete must cure for at least 28 days. Apply over suitable epoxy concrete primer. Contact Induron Technical Service for more information.

Recoating – May be recoated with itself indefinitely if surface is clean, dry, and sound. SSPC SP-1 solvent wipe or SSPC 12/NACE 5 low pressure water cleaning followed by thorough drying is encouraged for surfaces aged more than 1 year.

Primers – Compatible with all Induron epoxies and urethanes including but not limited to:

- 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

COVERAGE: Theoretical—1,023 ft² per gallon at 1.0 mil dry
256 ft² per gallon at 4.0 mils dry

FILM THICKNESS:

2-4 mils per coat DFT corresponding to 3-6 mils wet (~64% solids by volume). May be applied in multiple coats as needed for certain applications or variations in hiding power based on color

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. Do not power mix or shake Activator prior to combining with Base.

POT LIFE: 5 hours @ 50°F, 3 hours @ 75°F, 2 hours @ 90°F, pot-life shortened significantly in the presence of excessive atmospheric moisture and with use of U-50 accelerator

APPLICATION:

Airless Spray: Use .015-.017 tip, 60 mesh filter, 30:1 pump ratio at 60-100 psi operating air pressure. Ensure air supply is oil and moisture free when using air-assisted airless configurations.

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 and K-1017 thinner. Additional coats may be required to achieve desired film thickness.

THINNING:

Use K-1017 as required for viscosity reduction and more brilliant finishes. Do not exceed 10% by volume in mixed material. Up to 50% by volume may be used in “mist coating” pre-existing zinc primers.

CLIMATE:

Use this product only if the substrate temperature and ambient air temperature is above 35°F and below 120°F. The substrate temperature must be 5°F above the dew point for a period of at least 6 hours after application to avoid condensation occurring on wet paint. Ambient humidity should not exceed 85% during application. Ensure substrate is completely dry and free of oils prior to application

CURE TIME:

*,**	Dry to Handle	Dry to Recoat Min	Dry to Recoat Max
50°F	12 hrs	12 hrs	<i>indefinite</i>
70°F	6 hrs	8 hrs	<i>indefinite</i>
90°F	3 hrs	6 hrs	<i>indefinite</i>

*Higher film thicknesses, low ventilation and higher humidity conditions will tend to retard cure times

**U-50 Accelerator may be used to decrease recoat times at the expense of pot-life, 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/gal

VOLATILE ORGANIC COMPOUNDS:

Mixed unthinned: < 2.8 lbs/gal; < 336 g/L

Mixed thinned 10%: < 2.8 lbs/gal; < 336 g/L

HAPS CONTENT:

Mixed unthinned: 1.20 HAPS per gal. solid paint

Mixed thinned 10%: 1.20 HAPS per gal. solid paint

SAFETY DATA:

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

PACKAGING, AVAILABILITY & STORAGE:

Available unit sizes: 10 gal

Shelf Life: 18 months @ 75 °F (both components)

Storage: Store indoors between 50 and 80°F