



PRE-CAT URETHANE

The industry leader in water based technology.

Classification:

Water Based Pre-Catalyzed Urethane Finish

Product Description:

Enduro Pre-Cat 181 Urethane water base finish is a highly advanced crosslinked coating. The proprietary, pre-catalyzed technology is designed to provide maximum performance properties, delivering excellent abrasion resistance, toughness, durability, and water resistance typically associated only with solvent based catalyzed finishes. However, Pre-Cat Urethane is water base, VOC-Compliant, low odor, non-flammable, and will clean-up with soap and water. It is self-sealing, and typically does not require thinning. Designed for furniture & cabinet applications, Enduro Pre-Cat 181 dries very quickly for sanding and topcoating.

Application:

HVLP: Accuspray Guns recommended. Use a 0.043" - 0.051" (1.1—1.3 mm) nozzle / tip assembly & #9 Air Cap. Airless: 0.009"—0.011" tip. Allow 30 minutes -2 hours dry before sanding (temperature / humidity dependent). Sand with #220 or finer between coats. 2 - 4 coats recommended.

Product Data:

- Density: 8.6 +/- 0.2 lbs.
- Weight Solids: 20.5 - 24.5%
- Volume Solids: 18.5 - 22.5%
- Viscosity: 35 - 45 seconds
- Method: Ford #4 @ 77 F.
- pH: 7.0 - 8.0
- V.O.C.: 250 g/l (2.09 lbs/gal) excluding water
- % VOC: 6.7%
- Storage: Protect from Freezing

Container:

Ones, Fives and Drums

Sheen:

Satin, Semi-gloss and Gloss

Dry Time 70°F and 50% R.H.:

- Dry: 10 - 20 minutes
- To Sand: 30 minutes -2 hours

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Mixing and Application:

- Catalyst Ratio: None necessary. Up to 5% additional catalyst may be added if desired.
- Pot Life: Not Applicable
- Shelf Life: 1 year, minimum
- Reducer/Thinner: EF Extender (10 –20%)

Stain & Sealer Recommendation:

Can be used over most water base and solvent base stains. For best results and superior color and adhesion, General Finishes EF Water Base Stains and GF Oil Base Stains are recommended. Allow stains to dry thoroughly before topcoating.

Enduro Pre-Cat Urethane is self sealing. Do not use over other sealers or topcoats without consulting with General Finishes.

Enduro Pre-Cat Urethane may be used over General Finishes Milk Paint if desired.

Surface Preparation:

Surface must be clean, dry, and free of all contaminants. Sand with 220 grit or finer between coats. Consult product label for additional information.

Application:

- Conventional Spray:
- Air Assisted Airless
- HVLP

Cautions:

- Mix container before use
- For industrial use only
- Protect from freezing
- Read MSDS for safety information

• Clean-up Information:

For best results, clean all equipment with General Finishes Brush and Gun Cleaner. General clean-up with soap and water recommended. Rinse thoroughly with clean water.

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