

2K Clear Acrylic Polyurethane Topcoat

General Description

A true 2k clear polyurethane topcoat. Designed to be used in interior applications where extreme chemical resistance is required. Unlike most competitive polyurethanes this is not a polyurethane dispersion/modified acrylic topcoat. Requires a 20% of catalyst CW-4002.

Physical Properties

Vehicle Type	OH Functional Acrylic Polyol
Solids by Volume	36.15 (+/-1%)
Solids by Weight	39.22 (+/-1%)
VOC (minus exempt)	120.78 g/l
VOC (as supplied)	50.43 g/l
Specific Gravity	1.04
Viscosity	25-30 sec. Zahn #3

Application

Application Method	May be sprayed with conventional, airless and air assisted-airless. *Product can accept 20% catalyst with a 5hr pot life (high temperatures outside of 75 F. will effect pot life) *Will thicken and harden ruin equipment if not cleaned immediately <u>General Spray Equipment recommendations</u> - Airless 310-308 1,200-1600 fluid pounds - Turbine 4 stage minimum 1.3-1.5 - Air-assist 600-1200 fluid pounds .11-.09
Mixing Instructions	Mix 20% Catalyst (CW-4002) under agitation. May be mixed with water as needed to reduce material. Pot-Life 5hrs If needed, add 0.3% thickener (CW-9002) to bring up viscosity in airless application
Substrate preparation	The surface must be clean, dry and free of grease, oil, dirt, and any other contamination to ensure proper adhesion. Remove any loose paint. Sand 320 between coats and 220 max on raw wood application <u>Test for adhesion and compatibility before full scale application.</u>
Application Instructions	IMPORTANT: Mix well using a power agitator prior to application. Upon application, the temperature of the product, substrate, and coating should be above 50°F. Apply up to 3 coats, allowing enough drying time between coats.
Coverage	Approx. 580 square feet per gallon at 1 dry mil. @ 100% transfer efficiency. Actual coverage may vary depending on application technique, equipment, and weather conditions.

Curing / Drying Time Properties

	Force Dry Time	
Air Drying Time (77°F, 50% Humidity)	Flash-Off	10 min.
Dust Free	No more than 120°F	
Sand	30 min.	
Package	overnight	

Available Products

- CW-3018 (Gloss)
- CW-3017 (Semi-Gloss)
- CW-3016 (Satin)
- CW-3015 (Flat)

Features / Advantages

- Excellent weatherability
- Meets or exceeds KCMA performance specifications
- Outstanding non-yellowing transparency

Recommended For

- High performance interior wood applications
- Concrete/Masonry
- Plastic

Safety / Clean Up

Please read the product Safety Data Sheet and product label before using product. Applications tools must be cleaned with water after use. Dispose of any leftover materials in accordance with local, state, or federal regulations.