CENTURION
WOOD COATINGS

Product Data Sheet

Water-Based Wood Coating

2K Acrylic Polyurethane Primer

General Description

A true two component white acrylic polyurethane primer. Designed to be used in interior applications where extreme chemical and moisture resistance is required. Unlike most competitive polyurethanes this is not a polyurethane dispersion/modified acrylic topcoat. Requires a 15% mix with CW-4002 Hardener (based on aliphatic isocyanate) to provide a fully crosslinked film.

Physical Properties

Vehicle Type	OH Functional Acrylic Polyol
Solids by Volume	43.44 (+/-1%)
Solids by Weight	54.57 (+/-1%)
VOC (minus exempt)	139 g/l
VOC (as supplied)	53 g/l
Specific Gravity	1.26
Viscosity	25-30 sec. Zahn #4

Application

Application Method	May be sprayed with conventional, airless, and air assisted-airless.
Mixing Instructions	Mix 15% with CW-4002 Hardener under agitation. May be mixed with water as needed. Pot-Life 1.5-2 hours.
Substrate preparation	The surface must be clean, dry and free of grease, oil, dirt, fingerprints and any other contamination to ensure proper adhesion. Remove any loose or peeling paint. Sand basecoat with 320-400 grit sandpaper. When used as a sealer, use 220-320 grit sandpaper between coats. May be applied over acrylic, nitrocellulose and UV Basecoat. Test for adhesion and compatibility before full scale application.
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. 697 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

Air Drying Time (77°F, 50% Humidity)		Flash-Off	10 min.
Dust Free	10-15 min.	No more than 120°F	
Sand	45-60 min.	30 min.	
Package	overnight		

Force Dry Time

Available Products

- CW-1107 (White)

Features / Advantages

- High Build
- Excellent chemical resistance
- Excellent moisture resistance
- Excellent Tannin and stain "locking"
- Meets or exceeds KCMA performance specifications
- Great build easy to sand

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.

CIC COATINGS

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