

Water Based 1K/2K White Polyurethane Primer

General Description

A one or two component white acrylic polyurethane primer. Designed to be used in interior applications where extreme durability, moisture, and chemical resistance is required. The volume solids allow quick build and ease of sanding, with a good balance of resin solids for long term film integrity and durability. After sanding, it can be top coated with any Centurion topcoat, solvent, or water, including pre and post catalyzed lacquers and varnish, as well as two component polyurethanes. A 5% addition of CW-4002 Hardener (based on aliphatic isocyanate) will provide tannin and stain blocking as well as increased chemical resistance and durability.

Physical Properties

Vehicle Type	OH Functional Acrylic and urethane resins
Solids by Volume	44.0 (+/-1%)
Solids by Weight	60.0 (+/-1%)
VOC (minus exempt)	96 g/l
VOC (as supplied)	51 g/l
Specific Gravity	1.35
Viscosity	40-42 sec. Zahn #4

Application

Application Method	May be sprayed with conventional, airless, and air assisted-airless.
Mixing Instructions	Mix 5% with CW-4002 Hardener under agitation. May be mixed with water as needed. Pot-Life 4-6 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 60°F. Apply up to 3 coats, allowing enough drying time between coats. Recommended wet film thickness is 3-5 wet mils
Coverage	Approx. 706 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-1111 (White)

Features / Advantages

- Versatility
- High Build
- Excellent chemical resistance
- Excellent moisture resistance
- Meets or exceeds KCMA performance specifications
- Great build easy to sand

Recommended For

- High performance interior wood applications

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.