

“Natural Look” Water-Based Polyurethane Topcoat

General Description

A premium, water-based, self-sealing finish used as both a sealer and a topcoat, this unique coating offers excellent chemical and humidity resistance along with a “natural,” unfinished look on the wood. The fully cured film provides superior resistance to abrasion and “polishing up.” Designed for durability and performance, this coating can be used for a variety of high-end architectural millwork, cabinetry, and furniture applications.

Physical Properties (10:1 WITH CW-4002)

Vehicle Type	OH functional acrylic polyol
Solids by Volume	25.95 (+/-1%)
Solids by Weight	29.16 (+/-1%)
VOC (minus exempt)	146 g/l
VOC (actual calculated)	45 g/l
Flash Point	N/A
Specific Gravity	1.04
Viscosity	46-50 sec Zahn #2

Application

Application Method	May be sprayed with conventional, airless, and air-assisted airless equipment.
Mixing Instructions	Mix 5% by weight with CW-4002 Hardener under agitation. No reduction is needed. Pot life is 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 in 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 (3 wet mils), allowing enough drying time between coats.
Coverage	Approx. 416 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 Dying Time (77°F, 50% Humidity)	Flash-Off	10 min
Dust/Tack Free	Moving Air @ 120 Degrees F	10-15 min
Sand and Recoat		45-60 min

Force Dry Time

Available Products

- CW-3020

Features/Advantages

- “Natural” flat finish
- Fast drying
- Super abrasion resistance
- Environmentally friendly technology
- Excellent chemical resistance

Recommended for:

- General purpose
- Architectural millwork
- Cabinetry
- Furniture

Safety/Cleanup

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