

Clear Polyurethane Floor Coating

General Description

A premium water-based self-sealing floor finish used as both a sealer and a topcoat, this multi-purpose coating offers excellent chemical and humidity resistance while offering outstanding color fastness and resistance to UV degradation. The fully cured film provides superior resistance to abrasion and black heel marks, it also brings a natural "warming" look to the wood. Designed for durability and performance, this coating can be used for a variety of high-end architectural millwork or wood floor applications.

Physical Properties

Vehicle Type	Urethane/Acrylic Dispersion
Solids by Volume	27.3 (+/-1%)
Solids by Weight	29.84 (+/-1%)
VOC (minus exempt)	148 g/l
VOC (actual calculated)	51 g/l
Flash Point	N/A
Specific Gravity	1.03
Viscosity	28-30 sec. Zahn #3

Application

Application Method	May be sprayed with conventional, airless, and air assisted-airless.
Mixing Instructions	Ready to Spray. DO NOT over thin; product should be sprayed as supplied. Can be catalyzed 10% by wt. with CW-4002. Potlife 2-4 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, allowing enough drying time between coats.
Coverage	Approx. 440 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)	Wheel and weight	CS-17 (2) 1 kg/ea
Dust Free	10-15 min.	Weight loss (grams) 13
Sand	20-25 min.	
Recoat	1/2 -1 hour	

Abrasive Resistance (catalyzed 10%)

Available Products

- CW-3024 (Gloss)
- CW-3023 (Semi-Gloss)
- CW-3022 (Satin)
- CW-3021 (Flat)

Features / Advantages

- Fast Drying
- Super Abrasion Resistance
- Environmentally Friendly Technology
- Up to 20% of the vehicles used in production of this product are "new growing" raw materials.

Recommended For

- General Purpose Interior Floors
- Architectural Millwork

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.