

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 along with outstanding colorfastness 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 wood floor applications.

Physical Properties

Vehicle Type	Aqueous blend of aliphatic polyester/polycarbonate combined oil-based polyurethane
Solids by Volume	27.3 (+/-1%)
Solids by Weight	29.84 (+/-1%)
VOC (minus exempt)	82 g/l
VOC (actual calculated)	23 g/l
Flash Point	N/A
Specific Gravity	1.03
Viscosity	25-27 sec Zahn #2

Application

Application Method	May be sprayed with conventional, airless, and air-assisted airless equipment.
Mixing Instructions	Ready to spray. DO NOT over thin. Product should be sprayed as supplied. Product can be catalyzed with CW-4002 for increased durability. CW-4002 should be added at a ratio of 10% by weight.
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 65°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)	Flash-off	10 min
Dust Free	10-15 min	Laminair Air @113 degrees F 30 min
Sand	20-25 min	
Recoat	1/2 -1 hour	

Force Dry Time

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

Recommended for:

- General purpose interior floors

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.

Pot Life

When CW-4002 is added at the recommended ratio of 10% by weight, pot life will be 3 hours.





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