



CLEARCOAT PRO XD

WATERBORNE FLOOR FINISH

1PR-70X (1PR-7B Catalyst)

Features

- Extreme Durability
- No Isocyanates
- Cross-Linked Film for Exceptional Hardness
- Suitable for use in USDA inspected facilities
- Stands Up to Frequent Cleaning
- Excellent Mar and Scuff Resistance
- Non-Yellowing

Recommended For

Commercial Floors, Residential Floors, Gymnasiums/Sports Floors, Baseboards & Moldings, and Interior Doors & Hand Rails.

General Description

Lenmar® ClearCoat PRO XD Waterborne Floor Finish is a two-component, non-yellowing floor coating system designed for commercial and residential applications. It's formulated to provide exceptional hardness, durability, and mar and scuff resistance. Lenmar® ClearCoat PRO XD maintains all the benefits of waterborne systems, including quick-dry formula, easy application and water cleanup.

Limitations

- For Interior Use Only

Product Information

Colors — Standard:	Technical Data	Clear/Gloss
Clear	Vehicle Type	Acrylic Polyurethane
Satin 1PR-704: 30 (± 10) @ 60°	Weight Solids	32% ± 1.0%
Semi-Gloss 1PR-706: 50 (± 10) @ 60°	Volume Solids	29% ± 1.0%
Gloss 1PR-709: 80 (± 10) @ 60°	Coverage per Gallon at Recommended Film Thickness	450 - 550 Sq. Ft.
Catalyst 1PR-7B	Recommended Film Thickness	– Wet 3 - 5 mils – Dry 1 - 1.5 mils
— Tint Bases:	Depending on surface texture and porosity. Be sure to estimate the right amount of finish for the job. This will minimize the disposal of excess finish.	
N/A	– To Touch 15 Minutes	
— Special Colors:	Dry Time @ 75 °F (23.8 °C) @ 50% RH	
N/A	– To Recoat 4 Hours	
Certifications & Qualifications:	– Cure 75% within 24 Hours 100% in 7 - 10 Days	
VOC compliant in all regulated areas	*If top coat is not applied within 48 hours abrade the surface to ensure proper inter-coat adhesion. Maximum abrasion and chemical resistance are achieved at full cure; care should be taken to prevent damage to the coating during the curing process. High humidity and cool temperatures will result in longer dry, recoat and cure times.	
The products supported by this data sheet contain a maximum of 275 grams per liter VOC/VOS (2.3 lbs. /gal.) excluding water & exempt solvents.	Dries By Chemical Reaction	
Suitable for use in USDA inspected facilities	Viscosity @ 77 °F 15 - 25 Seconds (#2 Sig. Zahn)	
Technical Assistance:	Flash Point >200 °F	
Available through your local authorized independent Lenmar dealer.	Gloss / Sheen See Colors - Standard	
For the location of the dealer nearest you, call 1-877-299-3600 or visit www.lenmar-coatings.com	Surface Temperature at Application	
	– Min. 65 °F – Max. 90 °F	
	Surface must be dry and at least 5° above the dew point	
	Thin With Do Not Thin	
	Clean Up Thinner Warm Water	
	Mixed Ratio (by volume) 3 oz. / gal. of 1PR-7B cross-linker	
	Pot Life @ 77 °F 4 Hours after Catalyzed	
	Weight Per Gallon (mixed as recommended) 8.6 - 8.7 lbs.	
	Storage Temperature	
	– Min. 60 °F – Max. 90 °F	
	Volatile Organic Compounds (VOC)	
	136 Grams/Liter* 1.13 Lbs./Gallon	
	*Catalyzed	

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◇ Reported values are for Clear/Gloss. Contact dealer/distributor

ClearCoat PRO XD Waterborne Floor Finish Satin / Semi-Gloss / Gloss (1PR-70x) 1PR-7B (Catalyst)

Surface Preparation

Lenmar® ClearCoat PRO XD Waterborne Floor Finishes should be applied over properly prepared and sealed interior wood surfaces. This finish can be self-sealed with the first coat applied directly to the wood substrate. Apply a Lenmar® sealer (1PR-100, 1YB-100, 1Y-519) or stain, according to product label directions, before applying two topcoats of Lenmar® ClearCoat PRO XD. Apply no more than 2 coats of catalyzed topcoats per day.

SPECIFICATIONS (New Floors): Install and sand all new floors to recommended NWFA/MFMA guidelines. Do not use steel wool. Remove all dust, vacuum, and tack with clean, dry towels. Wood must be free of all surface contaminants. If staining is desired, follow application and dry time guidelines as indicated on the product's label. Mix first coat or sealer thoroughly, and apply according to label directions.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Informational Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Application

APPLICATORS: For best results, apply with a T-bar or premium roller designed to leave a smooth, lint-free finish (application with natural bristle brush or lambswool applicator should be tested before use).

REQUIRED CROSS-LINKER: 3 oz. of 1PR-7B per single gallon

Activation: Mix topcoat thoroughly, and while agitating, gradually add 3 oz. of 1PR-7B cross-linker per single gallon of topcoat. After addition of cross-linker, shake 30-45 seconds, then wait 15 minutes before using. Do not cap the blended material once the cross-linker has been incorporated. Wet film thickness of the applied topcoat will directly affect the dry times and ability to recoat.

For best results, apply with a T-bar or premium roller designed to leave a smooth, lint-free finish (application with natural bristle brush or lambswool applicator should be tested before use). Pour a 4"-6" wide stream of finish along the starting wall. Cut in using a natural bristle brush along the starting wall, then holding the T-bar at a slight angle, snowplow the finish up and down the entire floor with the grain.

Maintain a wet edge. Apply at correct spread rate and allow finish to dry. For other applicators follow NWFA guidelines. Maintain good ventilation and air movement during drying phase. To achieve proper adhesion, it is recommended that all topcoats be abraded with new conditioning pads and 180/240 grit strip sandpaper. After sanding, vacuum and tack with clean water-dampened towels and let dry.

Ideal recoat time is within 3-4 hours. Apply no more than two catalyzed topcoats per day. Longer time delays between topcoats will require more aggressive sanding for proper adhesion. Do not tape or cover finish until fully cured. No rugs or furniture for 15 days. Use felt pads under furniture legs and appliances. Do not drag or slide furniture. Do not use liquid cleaners other than water for the first two weeks. Do not thin. Read SDS for additional information and warnings.

***Lenmar® ClearCoat PRO XD cannot be re-hardened.**

SPECIFICATIONS (Screen and Recoat): Abrade floors with new 100 or 120 grit screens. Do not use steel wool. Remove all dust then vacuum and tack with water-dampened towel.

NOTE: Do not apply Lenmar® ClearCoat PRO Waterborne Floor Finishes over any floor that has been previously maintained with wax, oil or polishes. An adhesion test is recommended to determine compatibility over any unknown finish. Follow application procedures outlined above.

Clean Up

Clean immediately with warm water.

USE COMPLETELY OR DISPOSE OF PROPERLY. **Local disposal requirements vary; consult your sanitation department or state-designated environmental agency on disposal options.**

Environmental Health & Safety Information

DANGER!

VAPOR AND SPRAY MIST HARMFUL.

CAUSES SEVERE EYE BURNS.

Contains: Polyfunctional aziridine

CAUSES SEVERE EYE BURNS. MAY CAUSE ALLERGIC SKIN REACTION. CAUSES IRRITATION TO EYES, SKIN, AND RESPIRATORY TRACT. HARMFUL IF SWALLOWED.

Use only with adequate ventilation. Do not breathe vapors, spray mist or sanding dust. Do not get in eyes, on skin or on clothing. Close container after each use. Wash thoroughly after handling. Wear protective gloves, protective clothing, eye protection.



WARNING Cancer and Reproductive Harm—
www.P65warnings.ca.gov

FIRST AID: If affected by inhalation of vapors or spray mist, remove to fresh air. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention; for skin, wash thoroughly with soap and water. If symptoms persist, seek medical attention. If swallowed, do not induce vomiting. Get medical attention immediately.

IMPORTANT: Designed to be mixed with other components. Mixture will have hazards of all components. Before opening packages, read all warning labels. Follow all precautions.

IN CASE OF SPILL – Absorb with inert material and dispose of as specified under “CleanUp”.

**KEEP OUT OF REACH OF CHILDREN
PROTECT FROM FREEZING**

FOR WOOD SUBSTRATES ONLY

**READ ALL DIRECTIONS BEFORE USE.
UNDERSTAND ALL DANGERS WITH THIS
PRODUCT PRIOR TO USE.**

**Refer to Safety Data Sheet for
additional health and safety information.**