



# CLEARCOAT PRO HT

## WATERBORNE FLOOR FINISH

### 1PR.50X

#### Features

- For High Traffic Areas
- Excellent Flow & Leveling
- Single-Component System
- Resists Black Heel Marks
- Non-Yellowing
- Suitable for use in USDA inspected facilities

#### Recommended For

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

#### General Description

Lenmar® ClearCoat PRO HT Waterborne Floor Finish is a single-component floor finishing system that is ideal for high-traffic residential and commercial wood floors. It is formulated to provide a smooth, clear, and durable finish without the need of a catalyst. Lenmar® ClearCoat PRO HT applies easily and dries quickly, allowing quick return to service.

#### Limitations

- For Interior Use Only

#### Product Information

##### Colors — Standard:

Clear

Satin 1PR.504: 30 (± 10) @ 60°  
Semi-Gloss 1PR.506: 50 (± 10) @ 60°  
Gloss 1PR.509: 80 (± 10) @ 60°

##### — Tint Bases:

N/A

##### — Special Colors:

N/A

##### Certifications & Qualifications:

##### VOC compliant in all regulated areas

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.  
Suitable for use in USDA inspected facilities

##### Satin 1PR.504

Eligible for LEED® v4 Credit  
Qualifies for CHPS low emitting credit  
(Collaborative for High Performance Schools)  
CDPH v1 Emission Certified

##### Technical Assistance:

Available through your local authorized independent Lenmar dealer.  
For the location of the dealer nearest you, call 1-866-708-9180 or visit [www.lenmar-coatings.com](http://www.lenmar-coatings.com)

##### Technical Data

##### Clear/Gloss

|   |                                |  |
|---|--------------------------------|--|
| Vehicle Type  | Acrylic Polyurethane           |  |
| Weight Solids   | 32% ± 1.0%                     |  |
| Volume Solids   | 29% ± 1.0%                     |  |
| Coverage per Gallon at Recommended Film Thickness   | 450 - 550 Sq. Ft.              |  |
| Recommended Film Thickness  | – Wet                          | 3 - 5 mils                                 |
|   | – Dry                          | 1 – 1.5 mils                               |
| 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.  |                                |  |
| Dry Time @ 75 °F (23.8 °C) @ 50% RH   | – To Touch                     | 15 Minutes                                 |
|   | – To Recoat                    | 4 Hours                                    |
|   | – Cure                         | 75% within 24 Hours<br>100% in 7 – 10 Days |
| *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. |                                |  |
| Dries By  | Chemical Reaction              |  |
| Viscosity @ 77 °F   | 15 – 25 Seconds (#2 Sig. Zahn) |  |
| Flash Point   | >200 °F                        |  |
| Gloss / Sheen   | See Colors - Standard          |  |
| 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                     |  |
| Weight Per Gallon   | 8.5 – 8.7 lbs.                 |  |
| Storage Temperature   | – Min.                         | 60 °F                                      |
|   | – Max.                         | 90 °F                                      |

##### Volatile Organic Compounds (VOC)

137 Grams/Liter    1.13 Lbs./Gallon

◇ Reported values are for Clear/Gloss. Contact dealer/distributor for values of other bases or colors.

## ClearCoat PRO HT Waterborne Floor Finish Satin / Semi-Gloss / Gloss (1PR.50x)

### Surface Preparation

Lenmar® ClearCoat PRO HT 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 HT. Apply no more than 2 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](http://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).

**Activation:** Shake thoroughly before use. Set aside for 15 minutes to allow bubbles to break. 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 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.

**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. Dry empty containers may be recycled in a can recycling program. **Local disposal requirements vary; consult your sanitation department or state-designated environmental agency on disposal options.**

### Environmental Health & Safety Information

**Use only with adequate ventilation.** Do not breathe spray mist or sanding dust. Ensure fresh air entry during application and drying. Avoid contact with eyes and prolonged or repeated contact with skin. May cause allergic skin reaction. Avoid exposure to dust and spray mist by wearing a NIOSH approved respirator during application, sanding and clean up. Follow respirator manufacturer's directions for respirator use. Close container after each use. Wash thoroughly after handling.



**WARNING** Cancer and Reproductive Harm—  
[www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)

**FIRST AID:** In case of eye contact, flush immediately with plenty of water for at least 15 minutes; for skin, wash thoroughly with soap and water. If symptoms persist, seek medical attention. If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.

**IN CASE OF SPILL** – Absorb with inert material and dispose of as specified under "CleanUp"

**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.

**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.**