



ECHO WATERBORNE FLOOR SEALER

1YB.100

Features

- Echo Waterborne Floor Sealer
- High Solids

General Description

The Echo Waterborne Floor Sealer is a high solids sealer designed to give excellent penetration into the wood fiber and allow for excellent adhesion with any of the Lenmar® waterbased floor finishes. The Echo W/B Sealer is an uncatalyzed urethane sealer that can be screened three to four hours after being applied. Its light amber tone brings enhanced color to your wood floor. Echo W/B sealer can be used as a sealer for 1YB.104, 1YB.106 and 1YB.108 Echo, and 1YB.202, 204. Evolution Floor finishes, and must be used as a sealer under the 1YB.0X Endure-2K crosslinked floor finish. The Endure-2K line requires a w/b sealer before being applied, and this sealer is an excellent foundation for this line of products. Since it is light in color, it is an excellent starting coat for stained and hand-scraped floors.

Recommended For

- Floor Sealer

Limitations

- Do not apply over 95° F, below 65° F, or when relative humidity is over 80%.

Product Information

Colors — Standard:		Technical Data		Clear
Clear		Vehicle Type	Waterborne Urethane	
— Tint Bases:		Pigment Type	N/A	
N/A		Weight Solids	29% ± 1.0%	
— Special Colors:		Volume Solids	28% ± 1.0%	
N/A		Coverage per Gallon at Recommended Film Thickness	450 Sq. Ft.	
Certification:		Recommended Film Thickness	2 – 3 mils	
The products supported by this data sheet contain a maximum of 275 grams per liter VOC /VOS (2.29 lbs/gal.) excluding water & exempt solvents.		– Wet	2 – 3 mils	
This product is compliant under the Ozone Transport Commission regulations as a Sanding Sealer.		– Dry	2 – 3 mils	
Technical Assistance:		Allow to cure 48 hours before light traffic; full cure in 7 days		
For Technical Assistance please contact your authorized Lenmar® Dealer/Distributor, your Lenmar® sales representative, Technical Service at 1-800-225-5554, or visit www.lenmar-coatings.com .		Depending on surface texture and porosity.		
		Dry Time @ 75°F (23.8°C) @ 50% RH	– To Touch	30 Minutes
			– To Sand	2 – 3 Hours
			– To Recoat	3 Hours
			– Full Cure	7 Days
		High humidity and cool temperatures will result in longer dry, recoat and service times.		
		Dries By	Evaporation/Coalescence	
		Viscosity	15 – 25 Seconds (#2 Zahn)	
		Flash Point	>200° F	
		Gloss / Sheen	N/A	
		Surface Temperature at Application	– Min.	65° F
			– Max.	95° F
		Thin With	Do Not Thin	
		Clean Up Thinner	Water	
		Weight Per Gallon	8.8 lbs	
		Storage Temperature	– Min.	50°F
			– Max.	90°F
		Volatile Organic Compounds (VOC)		
		191 Grams/Liter	1.59 Lbs./Gallon	

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Surface Preparation

New Floors: Sand and prepare the floor using current, recommended NWFA guidelines. Remove all dust from sanding with a broom or vacuum, and tack surface with a clean, dry cloth.

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. Carefully clean up 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 Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Application

If applying stain, apply Lenmar's® QuickStain, according to all label and PDS instructions. Rock Lenmar's® waterbased products slowly for several minutes to thoroughly mix these products before use. Wet film thickness of the applied coating will directly affect the dry times and recoatability. For best results, apply with a heavy-weight T-bar or 1/4" dove roller (application with natural bristle brush or lambswool applicator should be tested before use). Pour a 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 to dry. Spread rate over raw wood should be 450 square feet. Application should be 2-3 wet mils. Use only with adequate ventilation. Minimize air movement during application and for one hour after to improve flow and leveling. Adverse weather condition of temperature and humidity can extend normal dry times. Allow 3-4 hours before screening / sanding. Properly abrade the floor with a maroon conditioning pad and strips or with comparable screens. If finish has dried more than 24 hours, screen with new 120 grit screens. Sweep, vacuum and tack surface with a cloth dampened with water.

Topcoat with two coats of any of Lenmar's® waterborne floor finishes, after screening / sanding--no more than 2 coats in one day. Follow the same application procedure as outlined above; paying special attention to limiting air movement over the final coat for the first hour. Application of this product over shellac, lacquer or stearated coatings is not recommended.

Note: Do not apply Lenmar® Waterborne products over any floor that has been previously maintained with wax or oil. An adhesion test is recommended to determine compatibility over any unknown finish.

Cure: Allow to cure 48 hours before light traffic; full cure in 7 days. Applied film builds and ambient conditions can vary these cure times. Good ventilation is critical for the curing process. Do not apply over 95°F, below 65°F, or when relative humidity is over 80%. Floors will be susceptible to scuffing and marring for the first 7 days. Do not place rugs or mats prior to full cure.

Maintenance: Vacuum or dust mop regularly. Do not use any liquid cleaners other than water for the first 2 weeks. After that, neutral-based floor cleaners should be used which do not leave a residue behind.

Cleanup

Clean immediately with 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

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. 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: This product contains a chemical known to the state of California to cause cancer and birth defects, or other reproductive harm.

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".

KEEP OUT OF REACH OF CHILDREN

PROTECT FROM FREEZING

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