

OVERVIEW & FEATURES

Tread-Shield Top Coat WB Sealer is a high-performance, two-component, water-based, aliphatic polyurethane floor sealer. This unique formulation exhibits excellent characteristics for abrasion resistance, chemical resistance, flexibility, weathering and UV stability. This product comes in a gloss or low gloss (LG) finish.

Tread-Shield Top Coat WB is recommended for auto service centers, warehouses, computer rooms, laboratories, aircraft hangers, cafeterias, exterior tanks, indoor or outdoor service and chemical exposure areas.

Low Odor – Tread-Shield Top Coat WB is water-based and does not have the strong odor typically associated with solvent-borne urethane sealers.

UV Resistant – Tread-Shield Top Coat WB is an excellent candidate for applications where high intensity lighting, sunlight or fluorescent lights have discolored existing coatings.

APPLICATION

Product Storage – Bring the product to room temperature before using. Continuous storage should be between 60°- 90°F (16°-32°C).

Surface Preparation – All dirt, oil, moisture, dust and foreign contaminants must be removed to assure a secure bond to the substrate.

Product Mixing – The mix ratio is 2:1 by volume, mix 2 gallons of Part “A” with 1 gallon Part “B.” After the two parts are combined, mix well with slow speed mixing equipment such as a jiffy mixer until the material is thoroughly mixed and streak free. Avoid whipping air into the coating. Improper mixing may result in product failure.

Product Application – Tread-Shield Top Coat WB can be applied by brush or roller. Maintain temperatures within the recommended ranges during the application and curing process (60°- 90°F (16°-32°C) with relative humidity between 50-90%). It is best to maintain a wet edge to avoid roller marks. Direct sunlight or high temperatures may cause visible roller marking during application. Too thick of an application may result in product failure. Once mixed, air exposure might cause a slight skimming on the surface in the roller pan or container if left uncovered, even for a few minutes. If skimming occurs, remove the thin layer, then stir and continue to use the product for up to an hour after it has been mixed.

Clean Up – Use soap and water or a water-soluble solvent before the coating cures.

Floor Cleaning – Caution! Some cleaners may affect the color of the floor installed. Test each cleaner in a small area, utilizing your cleaning technique. If no ill effects are noted, you can continue to clean with the product and process tested.

PRECAUTIONS

- **WARNING!** Some cleaners may affect the color of the floor installed. Test each cleaner in a small area, utilizing your cleaning technique before cleaning the entire surface.
- Use with adequate ventilation.
- Wear gloves or protective creams.
- Avoid contact with eyes, skin and clothing.
- Skin or eye exposure or inhalation can result in serious medical problems; If skin contact occurs, wash at the first opportunity with soap and water.
- In the event of eye contact, immediately flush eyes with water and contact a physician.
- Keep out of the reach of children.
- For industrial use only.
- Restrict the use of the floor to light traffic and non-harsh chemicals until the coating is fully cured (see technical data under full cure). It is best to let the floor remain dry for the full cure cycle. Dependent on actual complete system application, surface may be slippery, especially when wet or contaminated; keep surface clean and dry.

TREAD-SHIELD® TOP COAT WB (CLEAR)

(Gloss) 2074 | (Low Gloss) 2075



Technical Data	Tread-Shield Top Coat WB Gloss	Tread-Shield Top Coat WB Low Gloss
Non-Volatile Content % by Weight % by Volume	64 60	73 70
VOC	<335 g/l mixed	<335 g/l mixed
Recommended Film Thickness Wet Dry	3-5 mils 2-3 mils	3-5 mils 2-3 mils
*Working Time @ 70°F (21°C)	A 1.5 gallon mixed unit left undisturbed will harden in 2-4 hours	A 1.5 gallon mixed unit left undisturbed will harden in 2-4 hours
*Set Time @ 70°F (21°C) Tack Free Recoat or Topcoat Light Foot Traffic Full Cure	3-5 hours not recommended 14-24 hours 3-5 days	3-5 hours not recommended 14-24 hours 3-5 days
Coverage (per gallon)	320 to 500 ft ² (29.73 to 46.45 m ²)	320 to 500 ft ² (29.73 to 46.45 m ²)
Packaging (Kit)	3 gallon (11.4 l) 15 gallon (56.8 l)	3 gallon (11.4 l) 15 gallon (56.8 l)
Finish Characteristics	>70 @ 60 degrees glossmeter	<20 @ 60 degrees glossmeter
Viscosity (mixed)	>70 @ 60 degrees glossmeter	<20 @ 60 degrees glossmeter

For specific recommendations and coverage rates, please contact your local Garland Representative.

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Tests verified by independent laboratories. Actual roof performance specifications will vary depending on test speed and temperature. Data reflects samples randomly collected. ±10% variation may be experienced. The above data supersedes all previously published information. Consult your local Garland Representative or the home office for more information.

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