

WB Urethane Sealer

Description:

Terroxy WB Urethane Sealer is a high-performance, water-based sealer which includes the emulsion benefits of acrylic compounds fortified by the durability of a long-lasting urethane finish. Terroxy WB Urethane Sealer provides good stain and chemical resistance, and excellent water resistance while providing a non-yellowing, color enhancing finish. Terroxy WB Urethane Sealer is an excellent choice for high traffic areas susceptible to staining.

Product Benefits:

- Good stain and chemical resistance
- Excellent water resistance
- Low maintenance finish
- Long-lasting durability
- Abrasion resistance
- Low odor and VOC content
- Color enhancer
- Non-yellowing, superior clarity
- Excellent adhesion to new or worn surfaces

Typical Applications:

- Epoxy or cementitious terrazzo
- Slate surfaces
- Ramps and decks
- Exposed aggregate surfaces
- Hardwood floors

Coverage:

Approximate coverage at one to two mils thickness is 800 - 1,000ft² per gallon (74.3 - 92.9m² per 3.78 liters)

Surface Preparation:

For best results, allow Terrazzo floor to dry 24 hours before application. For application to other surfaces, strip floors to remove old waxes, sealers and finishes. Rinse thoroughly then let dry.

For additional details, refer to Terroxy Resin Systems "Pre-Construction & Installation Considerations" technical bulletin or contact manufacturer directly.

Installation Instructions

Preparation:

The temperature of Terroxy WB Urethane Sealer must be 60°F (15.5°C) or above at the time of use. Since Terroxy WB Urethane Sealer is a one-part solution, no mixing occurs. Simply stir material in container prior to application.

Do not reduce the concentration of the solution.

Applications:

Apply thin coats of Terroxy WB Urethane Sealer by roller, rayon mop, brush or microfiber applicator pad. Spread at an even rate between one to two mils wet film thickness (800 and 1,000 ft² per gallon / 74.3 and 92.9m² per 3.78 liters). Maintain uniformity of coverage and avoid puddling. A minimum of two coats are recommended for sealing applications.

Cure Time:

Approximately 60 minutes depending on drying conditions. (Re-coat surface one to two hours following initial application at 70°F (21.1°C) with 50% relative humidity.)

Low temperatures or high humidity may significantly increase cure time. Floor should be protected from traffic for at least 48–72 hours following application.

Additional Considerations:

Recommended for interior use only. Keep from freezing. Temperature must be at a minimum of 60°F (15.5°C) and rising. Floor must be adequately prepared for proper bonding to occur.

Technical Data:

Property	Typical Results
Mix Ratio	One Component
Color (When Cured)	Clear
Solids by Weight	22%
Weight per Gallon	8.5 - 8.7 pounds
Volatile Organic Compounds (VOCs)	141.5 g/l
Slip Resistance (SCOF)	0.92 (w), 0.924 (d)
pH Range	7-10

Maintenance:

After completing the application of Terroxy WB Urethane Sealer, the installer should provide the owner with maintenance instructions. Listed below are some practical recommendations:

- **Daily** - Frequently sweep or dust-mop floor to remove gritty soil from floor. Damp-mop or auto scrub surface with a neutral cleaner that has a pH factor between 7 and 10. Rinse with clean water then allow surface to dry.
- **Weekly** - Damp mop or auto scrub surface with a neutral cleaner that has a pH factor between 7 and 10. Rinse with clean water then allow surface to dry. Routine mechanical scrubbing is recommended for all surfaces having a non-skid texture.

If the floors become slippery due to animal fats, oil, grease, soap or other topical residue, promptly remove contaminants and rinse thoroughly.

Long periods of heavy traffic may cause wear patterns necessitating a finish coat maintenance application. Follow the steps described below for periodic re-coating.

1. Dust mop entire floor then aggressively scrub using cleaner and auto-scrubber with a red or green pad. Use blue pad for heavily marked or unusually dirt floors.
2. Rinse floor and allow time for drying.
3. Apply one or two coats of Terroxy WB Urethane Sealer.

Note: Terroxy WB Urethane Sealer cannot be burnished with a traditional horsehair pad. The sealer can be honed using a 10K grit white diamond pad to enhance the finish and reduce scuffing.

Technical Service:

Terrazzo & Marble Supply Companies, distributor of Terroxy Resin Systems, provides services and consultations on material selection, specifications and troubleshooting concerning proper thin-set epoxy terrazzo installation. Contact our **Terrazzo Sales Desk at 800.7.MARBLE** or **T&M Technical Department at 708.385.6633** for questions or assistance.

Precautions:

Refer to cautionary information printed on the product container. For medical emergencies, contact Chemtrec, the Chemical Emergency Transportation Center, at 800.424.9300.

Warranty:

Terrazzo & Marble Supply Companies (T&M) warrants for a period of one (1) year that Terroxy WB Urethane Sealer will be free of manufacturing defects and will conform to published specification when handled, stored, mixed and applied in accordance with recommendations of T&M. If Terroxy WB Urethane Sealer fails to meet this warranty; the liability of T&M will be limited to replacement of any non-conforming Terroxy WB Urethane Sealer only if notice of such non-conformity is given to T&M within one (1) year of delivery of materials. T&M may, according to its discretion, refund the price received by T&M in lieu of replacing the Terroxy WB Urethane Sealer. No customer, distributor or representative of T&M is authorized to change or modify the published specification of this warranty in any way. No one is authorized to make oral warranties on behalf of T&M. In order to obtain replacement or refund, the customer must provide written notice containing full details of the non-conformity. T&M reserves the right to inspect the non-conforming Terroxy WB Urethane Sealer prior to replacement. Except for the expressed warranty stated above, there is no other warranties, expressed or implied, including without limitation, implied warranty of merchantability or fitness for purpose. T&M's obligation shall not extend beyond the obligations expressly undertaken above and T&M shall have no liability or responsibility to the purchaser or any third party for any loss, cost, expense, damage or liability, whether direct or indirect, or for incidental or consequential damages.



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