

Terroxy® Penetrating Sealer



Description:

Terroxy® Penetrating Sealer, a water based, oil modified urethane, provides a performance comparable to conventional solvent based products. Terroxy® Penetrating Sealer exhibits all the advantages of a water based sealer for maximum protection while enhancing color.

Product Benefits:

- Maximum protection, excellent alternative to solvent based sealer
- Color enhancer
- Superior water and chemical resistance
- Fast drying so that floor is accessible in a reasonable time frame
- Low maintenance finish
- Responds well to high speed burnishing
- Environmentally friendly, low VOC content

Coverage:

800– 1,000 sq. ft. per gallon

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® Penetrating Sealer must be 60°F or above at the time of use. Since Terroxy® Penetrating 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.**

Application

Apply thin coats of Terroxy® Penetrating Sealer by roller, rayon mop, brush or applicator pad. Spread at an even rate between one to two mils wet film thickness (800 and 1,000 sq. ft. per gallon). 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. (Recoat surface one to two hours following initial application at 70°F 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 min. of 60°F and rising. Floor must be adequately prepared for proper bonding to occur.

Technical Data:

Property	Typical Results
Mix Ratio	One Component
Appearance	Off-White Opaque
Solids by Weight	22%
Weight per Gallon	8.5–8.7 pounds
Volatile Organic Compounds (VOCs)	141.5 g/l
Slip Resistance (SCOF)	0.75 (w), 0.57 (d)

Product Data Sheet

Product Benefits:

- Low Odor
- Easy Application
- Single Component

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Maintenance:

After completing the application of Terroxy® Penetrating 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 Terroxy® Terra Clean or comparable 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 Terroxy® Terra Clean or comparable 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 recoating.

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.

Additional Considerations:

Do not use in temperatures below 60°F. Do not use where known hydrostatic pressure conditions exist or where Moisture Vapor Transmission rates exceed 10 lbs. per 1,000 sq ft per 24 hours. For moisture readings higher than 10 lbs. or relative humidity readings in excess of 95%, contact the T&M Technical Department at 866.TERROXY.

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 866.TERROXY 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® Penetrating 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® Penetrating Sealer fails to meet this warranty, the liability of T&M will be limited to replacement of any non-conforming Terroxy® Penetrating 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® Penetrating 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® Penetrating 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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