

Primer

Description:

Terroxy Primer, composed of 100% solids, is a moisture insensitive epoxy primer designed for concrete, wood and masonry surface application. Terroxy Primer is compatible with Terroxy Iso-Crack Epoxy Membrane and Terroxy Epoxy Matrix and should be installed prior to these products.

Terroxy Primer provides excellent filling and sealing of concrete. This is especially important when applying thin-set epoxy terrazzo to concrete or cinder block walls for wainscot, column and base applications.

Terroxy Primer's moisture insensitivity characteristics allow Terroxy Primer to be applied to damp concrete after proper surface preparation. In addition, the low modulus of elasticity and stress relieving properties of Terroxy Primer make it ideal for use as a binder for epoxy mortar systems and for patching and grouting applications.

Product Benefits:

- Promotes adhesion, conforms to ASTM C-881 properties.
- Moisture insensitive.
- Low modulus, helping to relieve stress of substrate.
- Low viscosity, providing excellent wetting properties and easy application.
- Environmentally friendly, zero VOC content.

Coverage:

Typical coverage is approximately 200-250 ft² per blended gallon (18.6-23.2 m² per blended 3.8 liters). Coverage will vary depending on surface profile and porosity.

Concrete Substrate Preparation:

1. Concrete slab shall have an efficient moisture/vapor barrier (suggested minimum: 15 mils thickness =.4 mm) directly under the concrete slab.
2. Concrete shall have a minimum cure time of 28 days. No curing agents should be used.
3. Concrete shall be level with a minimum variation from level of 1/4" in 10 ft (6.4 mm in 3.1 m).
4. Concrete shall receive a steel trowel finish.
5. Concrete surface shall be prepared mechanically by shot blasting. Surface preparation results should achieve a CSP3 - CSP5 profile according to ICRI Guideline No. 03732.

Installation Instructions

Mixing:

Product and air temperature must be 60-90°F (15.5-32.2°C). Mix two parts Part A (Resin) and one part Part B (Hardener) for three minutes with a low speed electric drill mixing paddle. Avoid whipping air into the product. If thinning is desired, add no more than one quart (.9 liters) of xylene per gallon (3.8 liters) of primer at the time of mixing. Mix only that amount of material that can be used in 40 minutes.

Applications:

Remove any standing water from concrete surface. Spread Terroxy Primer at a rate of 200-250 ft² per blended gallon (18.6-23.2 sqm per blended 3.8 liters). Apply uniformly to the surface while trying to eliminate puddling. Apply with brush roller or squeegee.

Cure Time:

Initial Cure: 6-8 hours; Final Cure: 24 hours

Technical Data:

Property	Method	Typical Results
Elongation	ASTM C-638	>10%
Tensile Strength	ASTM C-790	3,500 psi minimum
		24.10 MPa
Shrinkage	ASTM C-883	Passes
Thermal Compatibility	ASTM C-884	Passes
Water Absorption (24 hour immersion)	ASTM D-670-63	0.36%
Compressive Strength (neat resin)	ASTM D-695	10,000 psi minimum
		68.94 MPa
Bond Strength	ASTM C1583-04 / ACI COMM 403, Bulletin 59-43 (pages 1139-1141)	300 psi minimum (100% concrete failure)
		2.07 MPa (100% concrete failure)

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 Primer 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 Primer fails to meet this warranty; the liability of T&M will be limited to replacement of any non-conforming Terroxy Primer 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 Primer. 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 Primer 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.

Distributed By:



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800.7.MARBLE

SUBMITTAL IDENTIFICATION SHEET

To be completed by Contractor/CM

WEBSTER UNIVERSITY ISB	
PROJECT NAME	
8274 BIG BEND BLVD	
ADDRESS	
NUMBER	
WEBSTER UNIVERSITY	
OWNER	
CANNON DESIGN	
ARCHITECT / ENGINEER	
DEVIN D GATES	
SUBMITTED BY	
096623-001	
CONTRACTOR / CM SUBMITTAL NO.	CANNON DESIGN SUBMITTAL NO.
	096623
DRAWING / DETAIL REFERENCE	SPECIFICATION SECTION / PARAGRAPH
MANUFACTURER / SUPPLIER	ITEM / PRODUCT ID
REQUIRED DATE	PRIORITY
	CRITICAL

ITEM BEING SUBMITTED (check only one)

- | | | |
|---|--|--|
| ☐ Shop Drawings | ☐ Certification / Qualifications | ☐ Coordination Drawing |
| ☐ Samples (____ copies) | ☒ Record Documents | ☐ Calculations |
| ☐ LEED Submittal | ☐ Product Data | ☐ Schedules |
| ☐ Other _____ | ☐ O&M Manuals | |

ITEM BEING SUBMITTED FOR (check only one)

- ☒ Action ☐ Information Only ☐ Record

REMARKS OR DEVIATIONS

CONTRACTOR / CM CERTIFICATION (SUBMITTALS NOT CERTIFIED WILL BE RETURNED WITHOUT REVIEW)



PARIC CORPORATION
SUBMITTAL STAMP

THIS SHOP DRAWING HAS BEEN REVIEWED BY PARIC CORPORATION

Subcontractor remains responsible for dimensions, quantities, coordination with other trades and compliance with contract documents.

By:

Devin D. Gates

DEVIN D GATES	10/23/16
REVIEWED BY	DATE

To be completed by Reviewer

09 6623-001
CANNON DESIGN SUBMITTAL NUMBER
10/24/16
RECEIVED DATE

- ☐ A. No Exceptions Taken
No further review of submittal is required.
- ☒ B. Make Corrections Noted
Incorporate corrections in work; resubmission is not required.
- ☐ C. Revise and Resubmit
Revise as noted, and resubmit for review.
- ☐ D. Rejected
Submittal is not in compliance with Contract Documents; provide new submittal.
- ☐ E. For Record / Information Only
Submittal was reviewed for Record / Information purposes only.
- ☐ F. Not Required for Review
Submittal is not required by Contract Documents and has not been reviewed.

Review is for conformance with the design concept of this project and for general compliance with contract documents. Contractor is responsible for quantities, dimensions and compliance with contract documents and for information that pertains to fabrication processes, construction techniques and coordination of this work with all trades which will be affected thereby. This review is null and void if submittal deviates from contract documents and does not indicate or note deviations.

A/E COMMENTS

☐ See attached sheet(s) for additional comments

1. sealer - could not read. chart or confirm that 096623 - 2.4.E requirements are met. Please confirm.

Lynn Grossman	12.02.16
REVIEWED BY	DATE

Digitally signed by Lynn Grossman
DN: cn=Lynn Grossman, o=Cannon Design, cn=Lynn Grossman
Date: 2016.12.02 15:32:08-06'00'