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Terrazzo M

Modified Epoxy Resin and Quartz Blend

DESCRIPTION

Terrazzo M is an epoxy resin composition deck covering which is customarily applied to a thickness of 1/4 inch, although it can be installed thicker if desired to produce slope for drainage or fair out irregularities in metal decking. Terrazzo M is trowel-applied to form a sanitary, jointless, virtually impermeable surface. Service testing establishes that this deck covering permanently protects metal decks from corrosion. It can be easily coved up at bulkheads to form a sanitary base. Typical installations include showers, toilet spaces, galleys, laundries, and other wet spaces.

Theoretical Coverage Rates

1/4 inch	6.35 mm	250 mils
37 Square Feet Per Kit		

1/2 inch	12.7 mm	500 mils
18 Square Feet Per Kit		

Available Colors (Refer to the color chart for visual representation)

TM-13 Red Earth	TM-14 Yellow	TM-97 Starlight Blue
TM-18 Salt and Pepper	TM-52 Houndstooth	TM-91 Ocean Blue

Kit and Packaging sizes (1 kit = Resin + Hardener)

Item Number	Description	Weight
0549-Color	TM Base Coat Kit Large	68 LBS / 30.84 KG
0549-HGK-Color	TM Base Coat Kit Small	35 LBS / 15.87 KG

Installation Guideline for the complete Terrazzo M System

Step1: Pour contents of **TM Bond Coat** onto working surface and spread using a notched squeegee or epoxy roller. *Terrazzo M can also be applied directly over marine grade epoxy primer or **Underlayment Systems** that are sealed.*

Step2: Pre-Mix C and D components; combine and mix thoroughly for 2 min. Pour combined resin into a separate bucket large enough to blend in the aggregate. Slowly add aggregate to combined resins and mix until the blend resembles wet sand.

Step3: Dump the mixture onto the working surface and trowel smooth to desired thickness. Usually this is around ¼ inch or to the granular level.

Step4: When the Terrazzo M is fully cured, scape with a dry trowel to remove any excess material and then mix and pour TM Grout Resin onto the Terrazzo M. Work the TM Grout Resin into the cured Terrazzo M with a squeegee trowel. Remove any excess TM Grout.

Step5: Once TM Grout Resin is cured, mix and add TM Clear Sealer to achieve a final sealed system.

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Surface Preparation

Metal deck surfaces should be cleaned free of rust, loose scale, and dirt in accordance with SSPC SP11/NACE No 6. Grease and oil should be removed with approved solvents and clean rags in accordance with SSPC SP-1. The resulting surface should be clean and bright and protected against corrosion before Dex-O-Tex materials are applied. Dex-O-Tex Terrazzo M may be applied to a cured Navy Formula 150 Primer, MIL-DTL-24441, MIL-PRF23636 or to Dex-O-Tex TM Bond Coat and Underlayment Systems. Consult your local Dex-O-Tex Marine Rep. when wood or other deck surfaces are involved.

Job Site Survey

Measure and record ambient temperature and humidity, surface temperature and the temperature of the material being used. Do not proceed with the application if the conditions are outside the recommended parameters. Inspect materials to be used. Verify material is the proper material and all components and sizes are correct. Inspect all containers and verify a proper factory seal with no signs of damage or leakage. Premix Liquid materials into a smooth homogenous blend before uses.

Environmental Conditions for Application

All materials are mixed, applied and cured at the job site. Minimum environmental conditions are required to facilitate proper curing and performance of the products. Ensure conditions are in accordance with the following requirements.

Substrate Temp	Min. 45°F	Max. 95°F
Max Relative humidity	Min. <90%	Max. 90%
Ambient Air Temp	Min. 45°F	Max.100°F

Dry to Re-Coat or Use	14Hrs at 65°F	10Hrs at 75°F	08Hrs at 85°F
Max Re-Coat	48Hrs at 65°F	44Hrs at 75°F	40Hrs at 85°F
Cure to Full Service	52Hrs at 65°F	48Hrs at 75°F	44Hrs at 85°F

Material Disclosure

Materials should be delivered in original packages and containers with seals unbroken and bearing manufacturer's labels containing brand name and directions for storage and mixing with other components. Check materials immediately upon receipt, verify all the correct materials in the correct packaging are accounted for in good condition. Sort the materials and store them in a tempered storage area.

Applicator Notes

For proper workability it is important the Dex-O-Tex materials be stored and mixed at a temperature of 65°F-80°F. A warm substrate will decrease the pot life and make the materials sticky. A cooler substrate will lengthen the cure time and may cause a blush of the polymeric resins. Decking surfaces and room temperature of 65°F or slightly higher must be maintained for the duration of the Cure to Full Service time. When mixing the polymeric resin components, be sure to use all the provided resins. The resins are premeasured to the correct ratios. Scrape all the hardener from the container into the resin. Do not turn mixing vessels upside down to drain on the flooring surface. Unmixed resin from the side may produce soft or uncured spots on the flooring surface. Keep the unfinished flooring surface clean. Do not track dirt, grease, or any other contaminates onto the unfinished decking surface. Any contaminate could negatively affect the aesthetics of the finished flooring. Good ventilation must be provided during application, particularly in confined spaces. Always obtain, read and observe Manufacturers Safety Data Sheets (**MSDS**) before handling polymeric materials.

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Warranty Information

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