



TM Grout Resin

Modified Epoxy Resin with added Synthetic Silica

DESCRIPTION

TM Grout Resin is a high solid, modified epoxy resin with added synthetic silica. This product provides a sealed barrier layer between underlayment systems. As well as providing the initial seal coat in the Terrazzo M Base Coat system. TM Grout Resins main purpose is to fill all porous voids in the prior system that it is applied to, leaving the installer with a jointless surface to apply the next layer of a desired system.

Theoretical Coverage Rates

Recommended *minimum* application thickness

0.01inches	0.25 mm	10 mils
110 Square Feet Per Kit		

Recommended *average* application thickness

0.015	0.38 mm	15 mils
73 Square Feet Per Kit		

Recommended *maximum* application thickness

0.020	0.50 mm	20 mils
55 Square Feet Per Kit		

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

Item Number	Description	Component	Weight
1414	TM Grout Resin	Part. E	5.0lbs / 2.26
1415	TM Grout Resin Hardener	Part. F	2.5lbs / 1.13

Installation Guideline for TM Grout Resin

Step1: Pre-mix both components of the TM Grout Kit, due to its higher than normal viscosity this step is crucial. When both components are mixed, they can then be combined and mixed together for 2 min.

Step2: Pour the contents of the TM Grout Sealer onto the working surface (Underlayment system or Terrazzo M Basecoat) using a **flexible squeegee trowel** spread the mixture generously making sure to fill any porous spots in the underlayment or base coat.

Step3: Allow to sit for 30-45 seconds per spread; this allows the TM Grout Resin to seep into the underlayment or base coat more effectively. Back roll with an epoxy nap roller to ensure full coverage.

Back rolling with an epoxy nap roller is optional

Step4: Using a stiff squeegee trowel; squeegee off all excess material and repeat the process over again until all material is used.

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Surface Preparation

Light sanding can be done to underlayment before the TM Grout Resin is applied but is not necessary for the system to be effective. If applying to Terrazzo M Base coat, scrape the cured basecoat with a trowel to remove any dried material from the surface. Then proceed to apply TM Grout Resin. For a more in-depth description of TM Grout Resin applied to Terrazzo M Base Coat please refer to the corresponding **Application Spec.**

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. 50°F	Max. 80°F
Max Relative humidity	Min. <90%	Max. 85%
Ambient Air Temp	Min. 50°F	Max.95°F

Dry to Re-Coat or Use	12Hrs 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	56Hrs 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.

Warranty Information

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