



# Application Specification

# TERRAZZO M (QUIK-STEP)

## PURPOSE & SCOPE

Following are application guidelines for Dex-O-Tex Terrazzo M (Quik-Step) a terrazzo-like interior deck covering. This material is manufactured to meet the requirements of MIL-PRF-24613, Type III, Deck Covering Materials – Interior, Cosmetic Polymeric.

**Thickness**..... 1/8”to 1/4” (3.1 mm to 6.35 mm)

## Colors Available

See Dex-O-Tex Color Chart. Other selected Type II Class 2 colors are available upon request.

## Approximate Quantity of Materials Required

*To Cover ONE HUNDRED SQ. FT (9.3 sq. Meters)*

1/8” (3.18 mm) Thickness

Description/Packaging ..... Amount Required

Terrazzo M Quik-Step Kit  
(A & B components and Aggregate)  
packed in 5-gallon container.....4.0 units

**NOTE:** Where Terrazzo M Underlayment is installed to “fair” a deck, it will be necessary to apply a coat of Terrazzo M Grout Resin to the (overnight cured) Underlayment surface before proceeding with application of Terrazzo M (Quik-Step). Terrazzo M Grout Coat should cure at least eight to twelve (8 to 12) hours at 65°F to 75°F (18°C to 24°C) before application of Terrazzo M (Quik-Step). Coverage for Terrazzo M Grout over Underlayment is approximately 1.15 units per hundred square feet.

## Equipment Required

- Dex-O-Tex Mixing Blade mounted in slow speed (275 RPM) 3/4”(19mm) Drill Jiffy Blade (small size)
- Steel Trowel, (3” x 12”), (8 cm x 30 cm)
- Plasterer’s Steel Trowel, (4” x 16”) (10 cm x 40 cm)
- Industrial Vacuum
- Good Lighting, preferably deck level drop lights
- Approved solvent for cleaning tool
- Protective gloves and hand cream

## Surface Preparation

Metal deck surfaces should be cleaned free of rust, loose scale, and dirt. Grease and oil should be removed with approved solvents and clean rags. The resulting surface should be clean and bright and protected against corrosion before Dex-O-Tex materials are applied. Terrazzo M (Quik-Step) may be applied to a cured Navy Formula 150 Primer, MIL-DTL-24441 or to Terrazzo M Underlayment installed in accordance with Dex-O-Tex Application Specification S-108M (Marine). Consult Crossfield Products Corp. when wood or other deck surfaces are involved.

## Material Temperature

The temperature of the materials must be between 65°F to 80°F (18°C to 27°C) for best mixing and application properties.

## Application Temperature

Deck surface and room temperature of 65°F to 75°F (18°C to 24°C) must be maintained for at least 24 hours for proper curing after installation.

## Application Procedure

Terrazzo M (Quik-Step)  
A & B components and Aggregate packed in 5-gallon pails.

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- A. The Terrazzo M Quik-Step, A Component (1 gal. can) and the B Component (1-qt. can), are normally packaged in a 5-gallon pail along with the measured quantity of colored marble aggregate to provide proper proportions.
- B. Remove the cans containing Components A and B from the 5-gallon pail and “pre-blend” the colored marble aggregate using the Dex-O-Tex mixing blade mounted in a slow-speed 3/4” (19 mm) drill.
- C. Pour the B Component into the can containing the A Component (be sure to scrape out all the B Component) to mix into the Component A.



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Blend thoroughly with a “Jiffy” blade for two to three (2 to 3) minutes to insure complete blending of the resins.

- D. Then, into a clean 5-gallon (or larger) container, pour the thoroughly blended resins. Add the pre-blended aggregate portion to the resin mix and with the Dex-O-Tex mixing blade, blend the aggregates and resins thoroughly for two to three (2 to 3) minutes
- E. Terrazzo M (Quik-Step) Mix will give a workable composition with a pot of 20 to 30 minutes at 70°F to 75°F (21°C to 24°C), capable of being troweled to an even, dense surface in a minimum thickness of 1/8” (3.25 mm). It can be installed in 1/4” thickness (6.35mm) when required.

Place the necessary amount of Terrazzo M Basecoat Topping Mix in several small piles onto the deck and spread out with trowel or float to the thickness and plane desired. Following this, compact the material into a dense surface with a 4” x 16” (10 cm x 40 cm) rectangular trowel. Be sure when Dex-O-Tex Basecoat Topping is applied that good light at deck level is available for the observation and correction of “drags”, trowel “ridges” or “opens”. Opens should be corrected by applying additional material on the surface and compacting into place. The finish should be worked to provide as uniformly dense and smooth surface as possible. Do not over-trowel, as “trowel-burns”, or a metallic staining from the trowel, can result.

- F. A 5-gallon kit of Terrazzo M (Quik-Set) Mix should cover approximately 25 sq. ft. (2.42m<sup>2</sup>) at 1/8” thickness.

Working time in the container is approximately 20 to 30 minutes at room temperature, 70°F to 75°F (21°C to 24°C).

### Cautions

1. For proper workability it is important the Dex-O-Tex materials be stored and mixed at a temperature of 65°F to 80°F.
2. The substrate temperature should be between 65°F to 80°F. A warm substrate will decrease the pot life and make the materials sticky. A cooler substrate will retard the cure and may cause a blush of the polymeric resins. Deck surface and room temperature of 65°F or slightly higher must be maintained for proper curing.
3. When mixing the polymeric resin components, be sure to use all of the provided resins. The resins are pre-measured to the correct ratios. Scrape all of the hardener from the container into the resin.
4. 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.
5. Keep the unfinished flooring surface clean. Do not track dirt, grease, or any other contaminate onto the unfinished flooring surface.
6. Good ventilation must be provided during application, particularly in confined spaces.
7. Always obtain, read and observe Manufacturers Safety Data Sheets (MSDS) before handling polymeric materials. Become familiar with the products on paper before you open the cans.

### Safe Handling Conditions

1. Read and observe precautionary statements on product labels.
2. Keep containers tightly closed.
3. Keep out of reach of children.
4. For industrial use only. Do not allow application by untrained workers.
5. Remove contaminated clothing and shoes. Wash clothing before re-use.
6. Use of safety goggles and chemical resistant gloves is recommended. Wear only full length trousers and long-sleeve shirts. Apply protective creams to exposed skin areas.
7. In general, prolonged contact of polymeric resins with skin may cause irritation. Contact with



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curing agents may cause skin burns. Products may cause skin sensitization or other allergic responses. Avoid all contact with eyes.

8. In case of contact with skin, immediately remove the material with soap and water. Upon completion of work at lunchtime or end of day, carefully check all skin surfaces for any traces of polymeric resins. Wash with soap and water. If wash facilities are not located nearby, establish water washing station at work site. **DO NOT** use solvents to remove polymeric resins from skin as solvents will drive polymeric resins deeper into skin. If redness or skin rash develop, consult a physician.
9. In the event of eye contact, flush immediately with plenty of water for at least 15 minutes. Consult a physician immediately.
10. Mix and apply polymeric resin materials only in conditions of good ventilation. Avoid breathing vapors. A fan to circulate fresh air may be needed. Certain polymeric resin products and/or certain working conditions require use of NIOSH/MSA organic vapor respirator. Consult MSDS.
11. First Aid for inhalation: if effects occur, remove patient to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get immediate medical attention.

## LIMITED WARRANTY

NO WARRANTY SHALL BE EFFECTIVE UNTIL THE TERMS AND CONDITIONS OF SALE SET FORTH IN CROSSFIELD PRODUCTS CORP. INVOICES ARE MET.

Crossfield Products Corp. warrants to the purchaser of its products that such products are free from manufacturing defect. Crossfield does not warrant or guarantee the workmanship performed by any person or firm installing its products. Crossfield's obligation under this warranty is limited solely to the original purchaser and solely to the remedy of replacement in kind of any product which Crossfield sold which may prove defective in manufacture within one year from date of installation, provided said product was stored correctly and installed within the product's shelf life, by the original purchaser and which Crossfield's examination shall disclose to Crossfield's satisfaction to be thus defective.

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**CAUTION: ALWAYS KEEP OUT OF THE REACH OF CHILDREN.**



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