



Morricite Master Grout Hardener 23-290 Product Data

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Frequently the mechanics of mixing, pouring and grinding a terrazzo floor creates voids such as micropores and lost aggregate. An integral part of floor finishing is to grout the floor to fill these surface imperfections prior to final grinding and sealing.

Description

Morricite Master Grout Hardener is specifically formulated to allow the epoxy matrix to cure at low temperature and in very thin films. Reserve a portion of the epoxy matrix color used for the terrazzo floor for grouting, install the terrazzo per specification and allow to cure.

Benefits

- Excellent low temperature cure capabilities
- Low odor
- Fast set films
- Good chemical and corrosion resistance
- Excellent resistance to film bloom and blush at high humidities

Mixing

Mix ratio is 2 parts Morricite Epoxy Matrix to 1 part Morricite Master Grout Hardener. Stir thoroughly for 2 minutes. For even faster set times, allow 1 minute induction before using.

Application

After floor has cured proceed with initial rough grinding per NTMA guidelines, grind with 24 or finer grit stone or with comparable abrasives. Follow initial grind with 60/80 grit stones or comparable abrasives. Wash floor to remove any abrasives or dust remaining with clean water and rinse, allow floor to dry. Apply the Morricite Master Grout Hardener mixture with a flexible steel trowel to fill any surface defects. Only a thin film is necessary. Broadcast ATF-20 or suitable filler over the surface. This helps to fill all voids. Allow grout to cure. Proceed with final grinding and polishing operation per specification. Surface and air temperature must be at least 40°F (4°C) during installation and initial cure. Liquid products should be stored in a cool, dry area 60°F to 90°F (15°C to 32°C) and away from direct sunlight, flame or other hazards.

The fast-set characteristics of Morricite Master Grout Hardener coupled with the wide temperature use range, has given it a great deal of utility in areas such as industrial, marine and maintenance coatings, civil engineering applications, and as a fast-set hardener whether at lower or elevated temperatures.

Morricite Master Grout Hardener and epoxy resin systems are recommended for applications such as:

- Industrial, marine, and maintenance coatings
- Civil engineering applications
- Fast-set adhesives
- Fast-set concrete bonding and patching compounds

Typical Physical Properties



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Mix Ratio A : B	2 to 1 by volume
Pot Life	10 minutes
Tack-free Time	45 minutes
Through-cure Time, 3 mils wet film	1 to 2 hours
Compressive Strength	14,000 psi

Safety

For industrial and professional use ONLY. Morricite Master Grout Hardener should be installed only by personnel experienced in terrazzo, caulking or structural repair installations. The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State, and Local health and safety regulations, thorough ventilation of the workplace, good skin care, and wearing protective goggles.

For detailed safety guidelines, please refer to the product Material Safety Data Sheet (MSDS) for Morricite Master Grout Hardener

Storage

Morricite Master Grout Hardener may absorb moisture and carbon dioxide if left in open containers, which may result in an increased viscosity and some foaming when curing epoxy resins. Therefore, it should be kept in tightly closed containers when not in use and stored in a cool, dry place. Properly stored and protected from moisture, an unopened container of Morricite Master Grout Hardener should have a shelf life of at least one year.

Limited Warranty

Neither Seller nor Manufacturer has any knowledge or control concerning purchaser's use of the system / product. No express warranty is made by the Seller or Manufacturer with respect to the results of any use of the product. NO IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO AN IMPLIED WARRANTY OF MERCHANTABILITY, OR AN IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE ARE MADE WITH RESPECT TO THIS SYSTEM / PRODUCT. Neither Seller nor Manufacturer assumes any liability for personal injury, loss or damage resulting from the use of this product. In the event that the product shall prove defective, buyer's exclusive remedy shall be as follows: Seller or Manufacturer shall, upon written request of buyer, replace any quantity of the system / product which is proven to be defective, or shall at their option, refund the purchase price for the system / product upon return of the system / product.

January, 2013