



## Morricite WB Primer/Sealer

### DESCRIPTION

**Morricite Epoxy Primer/Sealer #142** is a low viscosity, Water Based two component epoxy, used widely as a general purpose sealer and water barrier for concrete. It is designed suitable for applications as a primer on damp concrete, providing excellent adhesion of polyurethane and epoxy topcoats.

### ADVANTAGES

- Easy to apply
- Can be applied to green concrete
- Penetrates and strengthens weak or porous concrete.
- Excellent adhesion to concrete
- Economical

### TYPICAL USES

**Morricite Primer/Sealer #142** is used as a sealer for concrete and wood substrate and as a primer for certain MTT Coating Systems.

### TYPICAL PHYSICAL PROPERTIES @ 75°F (23°C)

Mix Ratio A: B	1:4 by volume
Color	Clear
Wt Solids	35± 2% mixed
Volume Solids	33± 2% mixed
VOC	0
Tack Free Time	5-6 hours
Recoat Time	6-8 hours
Dry Time	12 hours
Pot Life (1 gallon)	6-8 hours
Adhesion to concrete	Excellent
Resistance to Moisture	Excellent
Shelf Life (A & B)	1year, unopened

Do not allow material to freeze.

Store indoor at 50°F (10°C) to 90°F (32°C)

### SURFACE PREPARATION

- New concrete should be allowed to attain most of its initial shrinkage (excess water should evaporate) before application of **Morricite Primer/Sealer #142**.
- Old concrete should be structurally sound. Remove laitance, curing compound, weak sections, dirt and other foreign matter.
- Prepare surface mechanically by sandblasting, hydroblasting or grinding. Clean, sound concrete may be treated as is.

**MIXING**

Thorough and complete mixing is vital for reinforce curing and ultimate properties after use. Temperature of **Morricite Primer/Sealer #142** must be above 50°F for mixing. Mix Part A and Part B at 1:4 by volume, for 1 to 3 minutes, using a low speed drill and jiffy blade until uniform. Do not mix more material than can be used within 4 hours. Exercise caution not to whip air into the material.

**APPLICATION**

Apply **Morricite Primer/Sealer #142** between 3 to 5 wet mils at surface temperature above 50°F with squeegee and/or 3/8" nap roller at speed rate of 400 sq. ft. per gallon.

If a second coat is required or used as a sealer, the application rate should be 500-600 sq. ft. per gallon. Due to the first coat sealing the surface, the second coat may crawl of or separate, wait 15-20 minutes and roll again.

DO NOT ALLOW TO PUDDLE. Any uneven or textured surfaces will require more material than an even surface. Allow to cure 5-6 hours. Clean up mixing and application equipment immediately after use with soap and water.

**SAFETY**

For industrial and professional use **ONLY**.

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 Safety Data Sheet (SDS) for **Morricite Primer/Sealer #142**.

**LIMITED WARRANTY**

Values stated herein are typical values based on periodic testing and product experience. MTT DISCLAIMS ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THOSE OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE. Where customer demonstrates non-conformance of product to typical values stated herein, MTT will, supply replacement product or, at its discretion, credit customer's account for the purchase price of non-conforming product. Recommendations herein as to the surface preparation, application, maintenance, and other matters involving storage, handling, or use of product are based on the best information available. Because MTT has no control over such matters, or over substrate or other conditions that may affect ultimate performance, customer has the obligation to determine suitability of product for the intended purpose. MTT SHALL HAVE NO RESPONSIBILITY FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, EXEMPLARY OR PUNITIVE DAMAGES BUT ONLY FOR THE REPLACEMENT OR CREDIT MENTIONED ABOVE. All claims for replacement or credit must be made within one year from date of shipment. The sale and purchase of product from MTT are subject in each case to MTT's terms and conditions of purchase.

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**Master Terrazzo Technologies** / PO Box 226 / Bristol, PA 19007  
8000 Bristol Pike / Levittown, PA 19057 / [www.masterterrazzo.com](http://www.masterterrazzo.com)  
215.949.1474 / Fax 215.949.9422 / Email: [office@masterterrazzo.com](mailto:office@masterterrazzo.com)