



## **Morricite Polyaspartic Coating**

### **DESCRIPTION**

**Morricite 1050** is a two-component polyaspartic coating that provides great outdoor weathering and UV resistance with self-priming and finish coat for a decorative and protective sealer over concrete surfaces. It provides great chemical and abrasion resistance for clear topcoat sealer applications.

### **ADVANTAGES**

- Easy to apply
- Long lasting
- Low odor
- Excellent color/gloss retention
- Great penetration and bond strength
- Good abrasion, impact and wear resistant
- Fast drying, low temperature cure.

### **TYPICAL USES**

- Showroom floors
- Retail store floors
- Residential garage floor with quartz or flakes
- Stamped Concrete
- Commercial and Industrial flooring

### **TYPICAL PHYSICAL PROPERTIES**

Mix Ratio A : B:	2 to 1 by volume
Color:	Clear or Pigmented
Pot Life:	25 – 30 minutes
Tack Free time:	1 hour
Thorough Cure:	1-1/2 – 2 hours
Recoat time:	2 – 3 hours (depending on temperature and humidity)
Light traffic:	3 – 4 hours
VOC:	VOC compliant
Tensile Strength:	ASTM D 638 > 4,500psi
Mandrel Bend:	ASTM D 522 passes, no cracking, 1/8" mandrel bend

### **SURFACE PREPARATION**

The substrate must be clean (free of dirt, dust, paint, grease, oil, rust and other contaminates), sound and durable. New concrete must be fully cured (28 days minimum) and all laitance and curing compounds removed. Suitable preparation methods include grit blasting and scarification. The recommended minimum pull-off strength of the prepared substrate is 200 psi.

**APPLICATION**

Mix two parts A and one part B (2:1) by volume using a 1/8" to 3/8" nap shedless roller. Use small chip brushes along the perimeter and in other difficult to reach areas. Morricite 1050 can be dry to the touch in 1 to 2 hours after application dependent on ambient temperature, slab temperature and humidity. Allow 24 hours minimum for vehicular traffic.

**COVERAGE**

Concrete surfaces (3 – 5 mil):                      250 – 350 ft<sup>2</sup>/gallon  
Coverage will vary depending on substrate profile and porosity.

**CLEANUP**

Use Xylene or MEK. Do not use alcohol..

**SAFETY**

For industrial and professional use **ONLY**.

For detailed safety guidelines, please refer to the product Safety Data Sheet (SDS).

**WARRANTY INFORMATION**

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.

---

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)