



Morricite HS Chemical Resistant Polyurethane

DESCRIPTION

Morricite 1030 is a two-component, aliphatic polyurethane coating that provides great outdoor weathering UV resistance and color retention. It provides excellent chemical resistance and abrasion resistance for clear topcoat over high-built flooring systems.

ADVANTAGES

- Easy to apply
- Long lasting
- Easy to clean and maintain
- Excellent color/gloss retention
- Great penetration and bond strength
- Good abrasion, impact and wear resistant
- Excellent chemical resistance

TYPICAL USES

- Showroom floors
- Retail store floors
- Pharmaceutical facilities
- Air craft hangars
- 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:	2-3 hour
Recoat time:	6-8 hours (depending on temperature and humidity)
VOC lbs/gal (g/L):	3 (360) VOC compliant
Mandrel Bend:	ASTM D522 passes, no cracking, 1/8" mandrel bend
Accelerated weathering after 2,000 hours	no effect
Taber abrasion, mg loss CS-17 wheel, 1,000 cycles 1,000 g.load ASTM D4060	0.038

Coefficient of friction, ASTM D 2047 0.74
Shelf Life: 1 year when properly stored

SURFACE PREPARATION

The substrate must be clean (free of dirt, dust, paint, oil, rust and other contaminants), 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 200psi.

APPLICATION

Install Morricite 1030 at a substrate temperature of 50°F (10°C) to 85°F (30°C). Mix two parts A and one part B (2:1) by volume with a slow speed drill and Jiffy style mixing paddle at 350 rpms. Keep the paddle below the surface to avoid entrapping air. Apply with 1/8" to 3/8" nap shedless roller. Use small chip brushes along the perimeter and in other difficult to reach areas. Morricite 1030 can be dry to the touch in 2 to 3 hours after application depending on ambient temperature, slab temperature and humidity. Allow 24 hours minimum for vehicular traffic.

COVERAGE

Concrete surfaces 4-6 mils. 250-350 ft²/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 A PARTICULAR PURPOSE. Where customer demonstrates non-conformance of product to typical values stated herein, MTT will supply replacement product or, at its option, credit Customer's account for the purchase price of non-conforming product. Recommendations herein as to the surface preparation, application, maintenance, and other matters involved in storage, handling, or use of product are based on best information reasonably available to MTT. 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, and MTT SHALL HAVE NO RESPONSIBILITY FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, EXEMPLARY OR PUNITIVE DAMAGES BUT ONLY FOR THE REPLACEMENT OR CREDITING REMEDY ABOVE. All claims for replacement or crediting 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 10957 / www.masterterrazzo.com
215.949.1474 / Fax 215.949.9422 / Email: office@masterterrazzo.com