



MasterTrac

DESCRIPTION

Morricite MasterTrac 360P Epoxy Coating is a multi-purpose coating for the repair of irregular substrate surfaces. It is a 100% solids, solventless, high-build, two part coating. It is designed to enhance appearance, reduce dusting, protects and repairs the concrete slabs while making the surface easy to clean. 360P has the option of being used as a three component skid resistant coating, when used with special added aluminum oxide aggregate. The three components are mixed together and troweled or squeegeed in place and back rolled. The seal coat is installed at 16 to 20 mils. The optional 3-part 360P Epoxy Coating is available in five different skid resistance profiles ranging from very coarse to very fine. Selection of the best profile to be used depends upon the degree of skid resistance, cleaning characteristics and the finished appearance desired. This system is designed to be used indoors in commercial, industrial and institutional environments where a UV light stable, pigmented, chemical resistant seal-coat is desired. Outdoor uses can be installed in conjunction with P-1050 top coat

TYPICAL USES

MasterTrac 360P is intended to provide a degree of skid resistance consistent with the intended end use, ranging from dry to wet environments found in commercial, industrial and institutional applications. It is used in manufacturing operations, stairs, ramps, and walkways-both exterior and interior. The material can be applied over new or existing concrete, ceramic tiles, metal surfaces or etc.

ADVANTAGES

- Mixes easily – 2 (two) parts A and 1 (one) part B
- Resistant to UV degradation
- Pigmented
- Resistant to chemical attack and etching
- Quick installation
- Durable and long lasting
- Resistant to Algae, Fungi, Mildew & Mold
(Does not promote bacterial growth)

TYPICAL PHYSICAL PROPERTIES

@ 75° F (23° C)

Color Clear or Pigmented

Mix Ratio A : B 2 to 1 by volume

<u>Pot Life</u> (minutes)	<i>Fast</i>	<i>Regular</i>	<i>LPL</i>
@ 150 grams	18-20	38-40	65-70
@ 1 gallon mass	13	26	44

Cure Time (hours) @10 mils (250 microns)

Dry to Touch	2-4	10-12	16-20
To Recoat	8-14	12-20	16-24
<u>Final Cure</u> (days)	7	7	7

Hardness, (Shore D)	ASTM 2240	75-80
Tensile Strength, psi	ASTM D638	6,000 psi
Tensile Elongation, %	ASTM D638	2 – 5
Compression Strength	ASTM D695	11,000 psi
Flexural Strength	ASTM D790	5,000 psi
Bond Strength	ASTM D4541	> 400 psi
Impact Strength, passing	MIL D3134	(no chipping or delaminating)
Shelf Life	2 years minimum in unopened container (stored between 50 °F to 90 °F)	

SURFACE PREPARATION

The substrate must be clean (free of dirt, dust, paint, grease, 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 200 psi.

INSTALLATION PROCEDURE FOR FLOOR REPAIR

- After cleaning and shot blasting the substrate, sound the concrete or tile to test for delamination. Remove damaged or loose material down to sound substrate. Prime clean substrate with Morricite Epoxy Primer #121.
- Correct slopes and imperfections on the floor with Morrifill Mortar.
- Apply Morrifill to the floor as a 7 or 8 to 1 ratio mixed with fine sand. 80 sq ft / gal @1/2 “.
- After curing, light grind the Morrifill with 80 grit to eliminate imperfections.
- Flood the floor with Morrifill resin (no sand), use squeegee to spread.
- Apply first coat of MasterTrac 360 Epoxy floor coating at 80 – 85 sq. ft. / gal to penetrate and fill the voids and porosity.
- Apply a second coat of MasterTrac 360 Epoxy floor coating at 100 – 125 sq. ft. / gal.
- Coverage will vary depending on the porosity of the concrete and the profile of the surface being coated.

SKID RESISTANCE and CLEANABILITY

In general, the more aggressive the finished surface, the greater the coefficient of friction and corresponding skid resistance, but the more difficult to clean. The smoother the finished texture, the easier the surface is to clean, but there is a loss of skid resistant properties.

CLEANING

Cleaning with the degreaser and disinfecting compounds and cleaning techniques can affect the color, gloss, texture and performance of the system. As a precautionary step, it is recommended that the end-user test the cleaning and disinfecting compounds on a sample or on a small, out of the way finished area, utilizing the intended cleaning technique prior to cleaning the entire surface area. If no deleterious effects are observed, the procedure can be continued. IF the cleaning and disinfecting compounds or cleaning techniques damage the system, modification of the cleaning material or techniques will be required. Contact your Representative for additional information.

SAFETY For industrial and professional use **ONLY**. For detailed safety guidelines, refer to the 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.

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