



Morricite Novolac for Secondary Containment

DESCRIPTION

Morricite MCT #3300 Epoxy Novolac is a 100% solids, solventless, two-part epoxy clear coating. It has a unique characteristic when used in industrial secondary containment for concentrated acids and it is very resistant to methylene chloride and other solvents. It is not formulated for decorative purposes.

ADVANTAGES

- Excellent resistance to strong acid, alkalis, and most industrial chemicals and solvents.
- Unaffected by the presence of moisture during cure.
- Provides an attractive high gloss finish.
- Can be recoated in 4 to 6 hours

TYPICAL USES

- Coating concrete, wood, metal and many rigid plastics where protection from strong chemicals is required.
- In manufacturing facilities using strong chemical corrosives, such as:

Chemical plants

Dairies

Breweries

Canneries

Slaughterhouses

Plating rooms

Paper pulp plants

Machinery cleaning rooms.

TYPICAL PHYSICAL PROPERTIES

	@ 75° F (23° C)	
Mix Ratio A : B:	4 : 1 by volume	
Solid Content:	100 %	
VOC (Volatile Organic Content):	- 0 -	
Pot Life:	15 – 20 minutes	
Dry to Touch:	3 – 4 hours	
Hardness:	ASTM D 2240 (Shore D)	80 – 85
Compressive Strength:	ASTM D 695	10,500 psi
Adhesion:	ACI 503R	100% Concrete failure

CHEMICAL RESISTANCE

Chemical Resistance
ASTM D 1308

Immersion 7 days
(See MTT Chemical Resistance Guide)

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.

SOUND and DURABLE CONCRETE

Sound and durable concrete should be crack free and have a cap pull-off strength of 180 psi per ACI 503R.

CRACKED CONCRETE

Repair cracked concrete with Morricite Structural Epoxy Injection Adhesive or Morricite Non-Sag Epoxy Paste Adhesive per the manufacturer's recommendations.

NOTE: PRIMER recommended on concrete to avoid "out-gassing" (air bubbles) related problems associated with porous concrete.

SAFETY

For industrial and professional use **ONLY**.

For detailed safety guidelines, please 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.

Master Terrazzo Technologies / PO Box 226 / Bristol, PA 19007
8000 Bristol Pike / Levittown, PA 19057 / www.masterterrazzo.com
215.949.1474 / Fax 215.949.9422 / Email: office@masterterrazzo.com

