



TITUS INDUSTRIAL GROUP INC

INFRASTRUCTURE SOLUTIONS MADE EASY



PRODUCT DATA

TAPECOAT TC WET BOND EPOXY MASTIC

EPOXY PROTECTION FOR WET OR DRY SURFACES

PRODUCT DESCRIPTION

TC Epoxy Mastic is a unique formulation, specifically developed for application on dry, damp, wet or submerged, fresh water surfaces. It will bond to the substrate and cure underwater,

TC Epoxy Mastic is a two part, 100% solids, one-coat, stand-alone protective coating for above and below grade application on metal piping and structures.

It is called TC Epoxy Mastic because of its thick, exceptionally high build characteristics, 40 mils in a single coat. More flexible and resilient than standard epoxy systems, TC Epoxy Mastic can be used for repair of most plant applied coatings including coal tar enamel.

Ideal as a general maintenance coating for wet or dry pipe, used in regulator pits and piping vaults, girth welds, exothermic welds, riser pipe, irregular bends and fittings.

COMPOSITION

The TC Epoxy Kit contains:

Epoxy Resin - Black in color in the large container.

Hardening Agent - Opaque in color in the small container.

TC Epoxy Mastic is 100% Solids Epoxy containing no volatile organic compounds (VOC).

SURFACE PREPARATION

Prior to coating application the surface should be clean, free of rust, dust, scale, sharp points and burrs. Oil and grease should be removed with a solvent that will not leave a film residue. Remove excess moisture when practical.

For best results the substrate should have a good surface profile of 2 mils (.05mm) or more.

APPLICATION

Mix the Total Contents of the Hardener in the larger container of Resin.

Mix thoroughly for about three minutes before applying. It is helpful to use a power drill or power mixer to mix larger quantities.

When coating a damp or wet surface apply the Epoxy slowly and in one direction so that the moisture is displaced as the coating goes on.

Do not exceed the Epoxy "Pot Life".

When the Epoxy begins to pull as it is applied, the window for application has closed. Use smaller quantity epoxy kits for smaller coating jobs.

(See application specifications for more detailed instructions.) ISO 9001: 2008 REGISTERED



**TAPECOAT TC WET BOND
EPOXY MASTIC
COATING SYSTEM**

TECHNICAL DATA

Description	
Epoxy System	Two-component 100% Solids
Color	Black
Mil Thickness	40 mils
Application Temperature	45 °F to 120 °F (7.2°C to 49°C)
Maximum Service Temperature	165 °F (74°C)
Coverage	40 ft ² /gal (10mm) (Approx.)
Surface Condition	Dry to Submerged Fresh Water

Property	
VOC	Zero 0 lbs/gal (0 kg/l)
Pot Life	15-20 min. at 70°F (21°C) 50% Relative Humidity (RH)
Backfill	4 to 6 hours at 70°F (21°C)
Dielectric Strength	
Flash Point	N. A. No Red Label Required
Chemical Resistance	Very Good
Shore A-2 Durometer	90 to 100 ASTM2240

CASE PACKAGING

Coating Material

MADE IN USA 

SKU#	Quantity	Kits Per Case	Case Weight
276HPTM	½ Pint	4	24
276PT M	Pint	4	48
276Q M	Quart	2	22
276HG M	½ Gallon	2	42
276G M	Gallon	2	70

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