



TITUS INDUSTRIAL GROUP INC

INFRASTRUCTURE SOLUTIONS MADE EASY



PRODUCT DATA

TAPECOAT

TC7030

HIGH BUILD HIGH TEMPERATURE EPOXY

PRODUCT DESCRIPTION

TC7030 is a HIGH BUILD / HIGH TEMPERATURE EPOXY coating. This two-part, 100% solids, liquid epoxy system is designed for service temperatures of up to 300°F (149°C) in below grade applications.

TC7030 is applied at the recommended coating thickness of 25 to 30 mils in a single application to prove a tough, resilient, high temperature coating with excellent resistance to abrasion, chemical spills and exposure.

Option: TC Reinforcing Scrim, a polyethylene wrap, can be applied to the primary wet layer of Epoxy giving the coating added strength and impact resistance when used for directional boring or as an added safe guard against abrasive backfill.

COMPOSITION

The TC7030 Epoxy Kit contains:
Epoxy Resin - Red in color in the large container.

Hardening Agent - Opaque in color in the small container.

TC7030 is 100% Solids Epoxy containing no volatile organic compounds (VOC).

SURFACE PREPARATION

Prior to coating application the surface should be clean, dry, free of rust, dust, scale, sharp points and burrs. Oil and grease should be removed with a solvent prior to sandblasting. The solvent should not leave a film residue.

The substrate should have a 2 to 4 mil surface profile most easily achieved by sandblasting.

REFERENCE STANDARDS:

- o Steel Structures Painting Council (SSPC) SP-10 Near-White Blast Cleaning
- o National Association of Corrosion Engineers (NACE) NACE 2 - Near-White Blast Cleaning
- o Swedish Standards (Sa,St) Sa 2 1/2 Near-White Blast Cleaning

APPLICATION

Mix the Total Contents of the Hardener in to 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.

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.)



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TAPECOAT TC 7030 EPOXY COATING SYSTEM

TECHNICAL DATA

Description	
Epoxy System	Two-component 100% Solids
Color	Red
Mil Thickness	25 to 30 mils
Application Temperature	45 to 120 °F (7.2°C to 49°C)
Maximum Service Temperature	300°F (149°C)
Coverage	55 ft ² /gal (Approx.)

Property	
VOC	Zero 0 lbs/gal (0 kg/l)
Pot Life	15-20 min. at 70°F (21°C) 50% Relative Humidity (RH)
Backfill	3 to 4 hours at 70°F (21°C)
Dielectric Strength	10,000 volts @ 22 mils
Flash Point	N. A. No Red Label Required
Chemical Resistance	Very Good
Shore A-2 Durometer	85- 90 ASTM 2240

CASE PACKAGING

Coating Material

MADE IN USA 

SKU#	Quantity	Kits Per Case	Case Weight
275HPKM	½ Pint	4	24
275PTKM	Pint	4	48
275Q KM	Quart	2	22
275HGKM	½ Gallon	2	42
275G KM	Gallon	2	70

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