



PRODUCT DATA

**TAPECOAT
TC7025 EZ FLOW
EPOXY**

**PRE-FILLED CARTRIDGES FOR THE
EPOXY SPRAY GUN
And
STANDARD EPOXY KITS**

PRODUCT DESCRIPTION

TC7025 EZ FLOW EPOXY is a two-part, 100% solids, liquid epoxy coating system designed for service temperatures ranging from -40 °F to 165 °F (-40 °C to 74 °C) in below grade applications.

An all around Epoxy, TC7025 EZ FLOW is appropriate for coating or reconditioning pipe and girth welds. TC 7025 is easy to apply and easy to use.

AIR DRIVEN EPOXY SPRAY GUN

The CAT HSS “high solids spray” gun is an excellent application tool for the fast efficient application of Tapecoat TC7025 Epoxy in Pre-Filled, High Usage Cartridges. Standard Epoxy Kits are also available.

TC7025 applied at the recommended coating thickness of 25 to 30 mils will prove a tough, resilient coating with excellent resistance to abrasion, chemical spills and exposure.

Option: TC Reinforcing Scrim, a polyethylene wrap, is available and 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.

Additional Information and Technical Data available from:

www.Tapecoat.com
customerservice@Tapecoat.com

COMPOSITION

The TC7025 Epoxy Kit contains:
Epoxy Resin - Black in color in the large container.
Hardening Agent – Opaque in color in the small container.
TC7025 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:

- Steel Structures Painting Council (SSPC) SP-10 Near-White Blast Cleaning
- National Association of Corrosion Engineers (NACE) NACE 2 – Near-White Blast Cleaning
- 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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CHASE TAPECOAT

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TAPECOAT

TC 7025 EZ FLOW EPOXY KITS

Also Pre-Filled Epoxy Cartridges

TECHNICAL DATA

Description	
Epoxy System	Two-component 100% Solids
Color	Black
Stand Alone Coating	Mill Thickness 25 mils (.635mm)
Coverage	64 sq. ft. per gal (Approx.) 1.57 m ² /liter (.635mm)
Application Temperature	45 to 120 °F (7.2°C to 49°C)
Maximum Service Temperature	165°F (74°C)

Property	Result	Test Method
Test Samples Mil Thickness	25 mils (.635mm)	
Pot Life	25-30 min. at 70°F (21°C) 50% Relative Humidity (RH)	
Backfill	3 to 4 hours at 70°F (21°C)	
VOC	Zero 0 lbs/gal (0 kg/l)	
Dielectric Strength	10,000 volts @ 22 mils	
Flash Point	N. A. No Red Label Required	
Chemical Resistance	Very Good	ASTM G 20
Shore D Hardness	85 - 90	ASTM 2240

CASE PACKAGING

Coating Material

TC 7025 SP SPRAYGRADE

AVAILABLE IN PINT CARTRIDGE
12 High Usage Pint Cartridges per Case.

Approximate Coverage 8 sq. ft. per cartridge.

SKU#	Quantity	Kits Per Case	Case Weight
273PTK	Pint	4	48
273Q	Quart	2	22
273HG	½ Gallon	2	42
273GK	Gallon	2	70

Restricted Shipping: Ground or Sea Only.

MADE IN USA 

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