

TC[®] 7010 Fast Set Epoxy

TC 7010 Fast Set Gray Epoxy is a high-build, surface tolerant coating that exceeds all performance criteria for the protection from corrosion of above and below ground

Field Applied Joint Epoxy for Plant Coated Pipe

pipelines. TC 7010 provides exceptional corrosion prevention for protecting joints, patching pipeline coatings, and covering irregular fittings and metal surfaces. This innovative product can be used in conjunction with all factory and field coatings, such as cold and hot applied tape, coal tar enamel, extruded polyethylene, and fusion bonded epoxy.

ISO 9001 Certified



High-Build Coating

Tapecoat 7010 Fast Set Gray Epoxy eliminates the complex and lengthy application process required for field-applied powder epoxy coating of welded joints. TC 7010 is an environment friendly two component, 100% solids material that provides up to 30 mils of high-build thickness for tough abrasion resistance to backfill and soil stress damage. This fast set epoxy also decreases lengthy field application by accepting backfill after only 2 hours of cure time.



TAPECOAT

TC[®] 7010 Fast Set Corrosion Protection

Features/Specifications/Application

Basic Use

TC 7010 FS-Gray is a corrosion preventive epoxy coating developed for coating joints, patching pipeline coatings and coating irregular fittings and surfaces; suitable for above and below ground applications.

Composition

TC 7010 FS-Gray Epoxy is a modified amine cured epoxy coating with 100% solids content.

Technical Data (at 20 mils)

VOC:	0 lbx/gal (0 kg/l)/(.5mm)
Solids:	100% by volume
Coverage:	80 ft ² /gal (20 mils)/(1.96 m ² /liter) (.5mm)
Color:	Gray
Curing time @ 70°F:	2 hours to backfill
Applications temp:	40-120°F (4-+49°C)
Operating temp:	-40 to 165°F (-40 to 74°C)
Thickness:	20 mils (.5 mm)
Weight per gallon:	12 lbs. (5.4kg)

Surface Preparation

Remove all contaminants that would impede bond. Use effective cleaning procedures to remove: moisture, salts, rust, dirt and dust, oil and grease. This may include the use of high pressure fresh water cleaning, using suitable solvents or detergents to SSPC-SP-1 or abrasive blast to SSPC-SP-6.

Application

Environment: Use only where application and curing can proceed at temperatures above 40°F (4°C). The temperature of the surface and that of the coating itself must also be within these limits. Apply only on a dry and clean surface with a temperature above the dew point to avoid condensation. Relative humidity maximum is 90% preferably between 40-60% (See detailed field specifications for complete instructions.)

Mixing: Pour entire contents of Part A and Part B into a separate container (furnished in the kit) and mix thoroughly until homogeneously mixed, approx. 2-3 minutes.

Application Method: Apply epoxy by brush, pad or roller.

Technical Service

The Tapecoat Company sales and service representatives are located in all major metropolitan areas throughout the United States. Tapecoat agents are also strategically positioned around the world. In addition, laboratory facilities and complete technical services are available from the home office in Evanston, Illinois.

Also available: Tapecoat Gray H35, H50 and M50RC cold-applied above and below ground coatings in tape form with integrated primer. Tapecoat 6025 cold-applied coating in tape form for use in high temperature pipeline service. Tapecoat T-Tape Gray PE cold-applied coating for difficult to wrap areas. See individual product sheets or our website at tapecoat.com for more information.