

TC[®] 7100 Wet Bond Gray Epoxy

TC 7100 Wet Bond Gray Epoxy is a surface tolerant epoxy developed for coating metal and concrete above and below water. TC 7100 provides an exceptional anti-corrosion coating for protecting bare steel, welded

Corrosion Protection for Wet Surfaces

joints on factory-coated pipe, and irregular fittings and surfaces. This innovative coating can be applied underwater for the repair of damaged coatings on steel transmission pipes; steel, concrete, and sheet piling; and lateral supports. TC 7100 is ideal for above and below ground protection of metallic surfaces on pipes and compressor/pumping stations that endure splashes, condensation, or humidity.

Wet Surface Application

TC 7100 is an environment-friendly two component, 100% solids material. A single application to a wet surface can provide in excess of 20 mils of high-build thickness for tough abrasion resistance. This wet bond epoxy can be field-applied as a single or multiple coating above and below water with a paint brush or roller after normal surface preparation.

ISO 9001:2000 Registered



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Basic Use

TC[®] 7100 Wet bond-Gray is a corrosion preventive epoxy coating developed for coating metal and concrete surfaces above and below the water line. It is used to repair pipeline coatings, for coating irregular fittings and surfaces and is suitable for above and below ground as well as underwater applications.

Composition

TC 7100 Wet Bond-Gray is a unique modified amine cured epoxy coating with a 100% solids content.

Technical Data (at 20 mils)

VOC:	0 lbs/gal (0 kg/l)
Solids:	100% by volume
Coverage:	80 ft ² /gal (20 mils)
Color:	Gray
Dry to touch @ 70°F:	4 hours
Application temp:	40-120°F (4 to 49°C)
Operating temp:	-40 to 165°F (-40 to 74°C)
Thickness:	20 mils (.5 mm)
Weight per gallon:	12 lbs
Resin:	13.4 lbs
Hardener:	8.3 lbs
Shore D Durometer:	85 to 95
Taber Abrasion CS17:	185 to 225 mg/1000 cys.

Surface Preparation

Remove all contaminants that would impede bond. Use effective cleaning procedures to remove: salts, rust, dirt, oil and grease. This may include the use of high pressure fresh water cleaning, using suitable solvents or detergents to SSPC-SP-1, abrasive blast to SSPC-SP-6, or wire brush clean to SSPC-SP-2.

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 clean surface. (See detailed Field Specifications for complete instructions.)

Mixing: Pour entire contents of hardener container into the resin container and mix thoroughly until homogeneously mixed, approx. 3-5 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 and Canada. 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 coatings in tape form with integrated primer. Tapecoat 6025 and HTMB 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. TC 7025 EZ Flow Epoxy and TC 7030 for high-build surface coating. See individual product sheets or our website at tapecoat.com for more information.

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