

TC[®] Wet Bond Flexible Epoxy Mastic

TC[®] Wet Bond Flexible Epoxy Mastic is a corrosion preventive epoxy coating developed for coating

Corrosion Preventive Coating for Wet Surfaces

metal and concrete surfaces above and below the water line. This protective epoxy is also suitable for wet surfaces above and below ground and for underwater applications in fresh water environments.

It can be used to repair pipeline coatings, for coating irregular fittings and surfaces, and to perform general maintenance coatings repair in regulator vaults. TC Wet Bond Flexible Epoxy Mastic is ideal for the repair of damaged plant-applied coatings including coal tar enamel.

ISO 9001 Certified



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Features/Specifications/Application

Composition

TC Wet Bond-Flexible Epoxy Mastic is a unique modified amine cured epoxy coating with a 100% solids content.

Technical Data (at 40 mils)

VOC: 0 lbs /gal (kg/L)
Solids: 100% by volume
Coverage: 40ft²/gal (40 mils) (m²/liter)=1.0 m²/liter (1.0mm)

Color: Gray or Black
Curing time @ 70°F: 4 to 8 hours
Application temp: 40-120°F (4-49°C)
Operating temp: -40-165°F (-40-74°C)
Thickness: 40 mils (10 mm)
Weight per gallon: 10.6 lbs
Resin: 11.2 lbs / (kg)=5.0 kg

Hardener: 8.3 lbs
Shore A-2 Durometer: 90 to 100

Surface Preparation

Remove all contaminants that would impede bond. Use effective cleaning procedures to remove: 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 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 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 or pad.

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: TC 7010 Fast Set Epoxy for high-build surface coating. TC 7100 Wet Bond Epoxy, TC 7000 High Temp Epoxy, 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.