



AMERICAN COATINGS

TLF 30 SERIES EPOXY LINING

GENERAL FEATURES

- FAST RETURN TO SERVICE (IMMERSION SERVICE IN 14 HOURS)
- ZERO VOC
- EXCELLENT ADHESION AND ABRASION RESISTANCE
- SINGLE COAT APPLICATION (20-40 MILS)
- REINFORCED FOR THERMAL & MECHANICAL SHOCK RESISTANCE
- CURES UNDER COOL & DAMP CONDITIONS

DESCRIPTION & USES

TIF30 is a 100% solids fast curing hybrid epoxy novolac. It is designed for high chemical resistance to petrochemical products such as crude oil, gasoline and gasohol, alkalis, ethanol, aliphatic and aromatic solvents. Formulated for flexibility and impact resistance. It may be used as a one coat lining over steel & concrete in the petroleum industry including bulk storage tanks, down-hole tubular pipes, floors, tank pads, trenches, troughs, sumps and pits. A highly chemical resistant system where heavy corrosion and chemical attack is main concern.. Also available in a low temperature cure version (TLF30 LTC)

PHYSICAL DATA

Finish ----- Gloss
 Color ----- Gray
 Applied Over ----- properly prepared steel, galvanize, aluminum, or concrete

Components ----- Two
 Cure ----- Catalytic 2:1
 Volume Solids----- 100%

*Note for specific chemical resistance information contact Your American Coatings representative

Recommended Dry Film

Thickness ----- 20 - 40 mils/coat
 Number of Coats ----- One
 Application Method -----Heated Plural Component (2:1 ratio)

Thinning Required-----None

Dry Time @ 77° F and 50 % RH:

Touch ----- 3 Hours
 Through ----- 5 Hours
 Return to service ----- 14 Hours

*Theoretical Coverage at:

Recommended Thickness----- 40 – 80 sq. ft/gal.

Temperature Limit

Immersed –Contact your American Coatings Representative
 Atmospheric ----- 275° F

Miscellaneous Properties

Shelf Life ----- 1 Year
 Pot Life – Mixed @ 77° F----- 30 Minutes

SURFACE PREPARATION

Surfaces should be free of dust, dirt, oils, moisture and other contaminants. White metal. Sandblast SSPC-SP5 – 63 recommended

*Coverages are theoretical and do not make provision for spray losses



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