

AMERICAN COATINGS

TL 19 SERIES LOW TEMPERATURE CURE MODIFIED EPOXY TANK LINING

GENERAL FEATURES

- DESIGNED FOR SEVERE CORROSIVE ENVIRONMENTS
- FAST RETURN TO SERVICE
- EXCELLENT ADHESION AND ABRASSION RESISTANCE
- HIGH TEMPERATURE SERVICE (350°F) ATMOSPHERIC
- REINFORCED FOR THERMAL AND MECHANICAL SHOCK
- EXCELLENT CHEMICAL RESISTANCE TO HIGH CONCENTRATIONS OF MANY ACIDS AND BASES

These products (Product TL1907 Tan and TL1955 Gray) are designed for a 2 coat application over steel, aluminum, galvanize, or concrete. They form a highly chemical resistant system for tanks or process equipment where, heavy corrosion is a main concern.

USES

The TL19 Series is used in the marine, oil, and chemical process industry in areas such as interior storage tanks, process vessels, pipes, ducts, hoods, scrubbers, exhaust fans, etc. Also is used for exterior areas that call for heavy-duty protection from aggressive acids, bases or chemicals.

Products Available

TL1907 Tan
TL1955 Gray

PHYSICAL DATA

Finish ----- Semi-Gloss
Color ----- Tan and Gray
Applied Over ----- Properly prepared steel,
galvanize or aluminum

Components ----- Two
Cure ----- Catalytic 4:1
Volume Solids----- 80%

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

Recommended Dry Film

Thickness ----- 4 – 6 mils per coat
Number of Coats ----- Two
Application Method ----- Airless, Brush or Roll

Theoretical Coverage at:

Recommended Thickness----- 257 sq. ft/gal. @ 5 mils

Thinning Required-----None

Dry Time @ 77°F and 50% RH:

Touch ----- 2 Hours
Through ----- 3 Hours
Topcoat - ----- 3 Hours

Low Temperature Applications (Return to Service)

32° to 40° F-----3 days
41° to 58° F-----2 days
59° to 76° F-----1 day
77° and above-----14 hours

Temperature Limit

Immersed* -----product dependent
Atmospheric ----- 350°F

Miscellaneous Properties

Shelf Life ----- 1 Year
Pot Life – Mixed @ 77°F-----2 Hours

SURFACE PREPARATION

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

*Immersed temperature limits are dependent on Chemical for specific information contact your American Coatings representative

APPLICATION INFORMATION

Do not apply below 32° F or humidities above 85 percent.
Do not apply over ice or wet surfaces.

APPLICATION METHOD

Airless, brush or roller.

MIXING

Thoroughly mix Part B catalyst with Part A using mechanical agitation if using single component airless. .

CLEAN-UP AND THINNING

For clean-up use TH315 thinner.

SPRAY EQUIPMENT

FOR AIRLESS SPRAY:

Pump Ratio ----- 30:1
Air Supply (in) ----- 100 psi
Hose Diameter (ID) ----- 1/4"
Hose Length -----100'
Tip Size ----- .019 -.023
Atomization Pressure ----- 2500psi

DISCLAIMER

The facts stated and the recommendations and suggestions herein are based upon experiments and supplier information believed to be reliable. No guarantee is made of their accuracy, however, and American Coatings ASSUMES NO LIABILITY FOR PRODUCT FAILURE OTHER THAN TO SUPPLY REPLACEMENT MATERIAL FOR PRODUCTS SHOWN TO BE DEFECTIVE WHEN DELIVERED OR TO REFUND THE PURCHASE PRICE. Except as stated, THERE ARE NO WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE. AMERICAN COATINGS SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL AND CONSEQUENTIAL DAMAGES. No statement contained herein shall be construed as an inducement to infringe existing patents or as an endorsement of specific manufacturers.

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SAFETY INFORMATION

FOR PROFESSIONAL USE ONLY! WARNING!
FLAMMABLE!

Keep away from sparks or flame. Vapors may cause flash fire. Use with adequate ventilation. Do not breathe vapors or spray mist. Wear an appropriate properly fitted respirator, during and after applications, unless air monitoring demonstrates vapor/mist levels are below applicable limits. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. The contents of this package must be blended with other components before the product can be used. Any mixture of components will have hazards of both components. Before opening the packages, read all warning labels.

Follow all precautions. See product MSDS for more detailed information

SHIPPING DATA

Dot Proper Shipping Name ----- **Paint Liquid**
Dot Hazard Class -----Flammable Liquid
Dot UN/ Number ----- 1263

Flammability Class ----- Flammable Liquid IA
Flash Pt. °F SETA -----Part A 65°F
----- Part B 100°F

PACKAGING

| | | |
|--------------------|---------------|---------|
| Shipping WT. ----- | Part A | Part B |
| | Ones 13.0 # | 4.0 # |
| | Fives 58.11 # | 10.10 # |