

# AMERICAN COATINGS

## TL 18 SERIES MODIFIED EPOXY TANK LINING

### GENERAL FEATURES

- DESIGNED FOR SEVERE CORROSIVE ENVIRONMENTS
- RESISTANT TO 98% SULFURIC ACID
- HIGH TEMPERATURE SERVICE (350°F) ATMOSPHERIC
- EXCELLENT CHEMICAL RESISTANCE TO HIGH CONCENTRATIONS OF MANY ACIDS AND BASES

These products (Product TL1807 Tan and TL1855 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 TL18 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.

### PHYSICAL DATA

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

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

### **Recommended Dry Film**

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

**Thinning Required**-----None

Dry Time @ 77°F and 50% RH:

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

\*Theoretical Coverage at:

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

### **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

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

**APPLICATION INFORMATION**

Do not apply below 50° F or humidities above 85 percent.

**APPLICATION METHOD**

Airless.

**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 TH790 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 -.021  
Atomization Pressure ----- 2500psi

**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<sup>0</sup>F  
----- Part B 80<sup>0</sup>F

**PACKAGING**

Shipping WT. -----	Part A	Part B
	Ones 13.5 #	13.2 #
	Fives 68 #	66 #

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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