



COATING DATA SHEET

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DESCRIPTION TRICO-BOND EP

Prepared by: PBV Date: 10/03 Page 1 of 1

TRICO-BOND EP is a next generation thermosetting epoxy coating that combines outstanding chemical resistance with exceptional physical properties in a thermally cured tank lining system. It is formulated specifically for service as a tank lining for holding such products as sour crude oil, petroleum products, potable water, wastewater, sewage, brines, and chemicals where its inertness and corrosion resistance are advantageous. It meets FDA requirements for food contact surfaces.

PHYSICAL PROPERTIES

Application		Factory-applied, thermally cured
Dry Film Thickness	Average DFT	5.0 mils interior/ 3.0 mils exterior
Limiting Temperature	Dry Heat	300°F
	Immersed	140°F* to 300°F
Corrosion Resistance	Salt Spray - ASTM B117	Pass 9000 hours
	Cyclic Corrosion – ASTM D5894	Pass 7 Cycles
Impact Resistance	ASTM D2794	160 in-lbs direct/160 in-lbs reverse
Abrasion Resistance	Falling Sand - ASTM D968	227 L/mil
Hardness	ASTM D3363	H
Chemical Immersion (at 180 degrees F)	10% Sodium Hydroxide	Pass 9000 hours
	10% Sulfuric Acid	Pass 9000 hours
Holiday Test		Passes 67 volts
Color		Sahara Gold

(* This is a general limit. Specific immersants may have higher limits. For example, laboratory tests show that Trico-Bond EP is unaffected in boiling deionized water.)

CHEMICAL RESISTANCE

TRICO-BOND EP, when applied and cured at elevated temperatures, has been tested and is suitable for immersion in a wide range of solutions including, but not restricted to, those listed below:

Crude Oil	Sodium Chloride	Wastewater
Demineralized Water	Sodium Hydroxide	Xylene
Sewage	Sulfuric Acid	

To the best of our knowledge, the information contained in this data sheet is accurate. No warranty or guarantee, expressed or implied, is made regarding the performance of this coating, since the manner of use is beyond our control.