



Transpo Industries, Inc. manufactures a variety of innovative products and materials designed for improving road safety and bridge preservation. The company's reputation as an expert in rehabilitation, preservation and safety has made Transpo a leading supplier since 1968.

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T-48 Thin Overlay

LOW MODULUS POLYSULFIDE EPOXY OVERLAY

Bridge Deck Surface

Transpo T-48 Polysulfide epoxy based polymer concrete is a fast setting thin overlay. It is a prepackaged system ideal for concrete and steel bridge decks as well as other concrete structures.

Typically applied at a thickness of ¼" – ½", T-48 eliminates the need to relocate joints, end dams or drain structures. Installation of T-48 will add less than four pounds of dead load per square foot of surface area which is an important consideration for rehabilitation of older structures.



T-48 is comprised of a blended filler powder that forms a slurry when mixed with the polymer resin and broadcast with a coarse-wearing aggregate.

The short curing period of the system assures a minimum downtime and a quick restoration of service. The broadcast aggregate provides a highly durable and skid resistant surface that can be used for vehicular and pedestrian applications.

PHYSICAL PROPERTIES*		
Properties	Unit of Measure	Test
Neat Resin		
Mix Ratio	2:1 by volume	
Pot Life (@ 70° F)	15-30 min	AASHTO T237
Tensile Adhesion (to Concrete)	>250 psi (>1.7 MPa)	ACI503R
Tensile Elongation	45% min	ASTM D638 Type I
Filled System (Mortar)		
Compressive Strength	5,000 psi min	ASTM C579 Method B
Flexural Strength	1,800 psi min	ASTM D790
Flexural Modulus of Elasticity	440,000 psi max	ASTM D790
Wet Skid Resistance	50 min	ASTM E274

* To be used as general guidelines only



SAFER TRANSPORTATION THROUGH INNOVATION

T-48 Thin Overlay

POLYSULFIDE EPOXY SEAL COAT SYSTEM

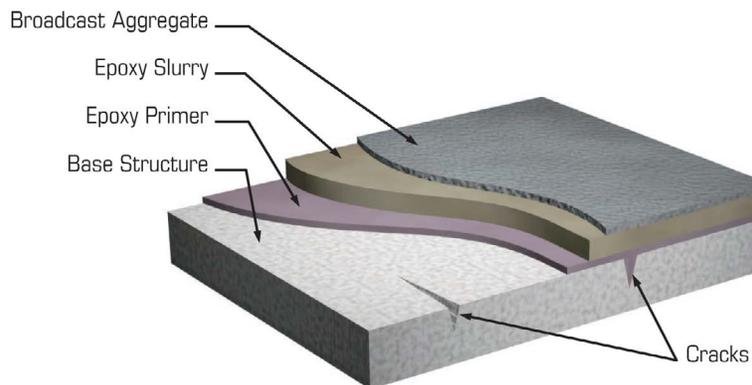
Features and Advantages

- FRP, Steel, and Concrete Compatible
- High Elasticity
- Skid Resistant Surface
- Water, Salt and Chemical Resistant
- UV Resistant
- High Early Strength

Applications

Transpo T-48 overlay can be used as a wearing surface on various types of structures:

- Steel Orthotropic Bridge Decks
- Concrete-filled Steel Grid Bridge Decks
- Concrete Bridge Decks
- Ramps and Sidewalks
- Parking Structures
- Wood Structures



Transpo T-48 is easy to handle and does not require any specialized installation equipment.



Need More Information?

WWW.TRANSPO.COM/MATERIALS

Contact the materials experts at Transpo to find out more about the various products we offer. If you need advice on how to install the product, the professionals at Transpo will guide you through the process. Project specific questions? We can assist you in creating a cost-effective, tailored solution for your project.

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