



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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E-Bond 526/526-S

MULTI-LAYER RAPID SET EPOXY OVERLAYS

Skid Resistant Polymer Overlays

E-bond 526/526-S are fast-setting Multi-Layer Epoxy Polymer Overlays that provides long term water, skid and wear-resistant surface.

This system provides long term protection of the underlying steel against the serious corrosive effect of chloride ion penetration.

E-Bond 526 is a two-component, 100% solids, moisture-tolerant Epoxy Polymer binder that cures faster, in day or night time applications, than competitive products.

The unique thixotropic formulation of E-bond 526-S is a material that will resist sagging and runoff on applications on highly sloped pavement surfaces.

PHYSICAL PROPERTIES*			
Properties	Value		Test Method
	526	526 S	
	Neat Resin		
Mixing Ratio	1:1 by volume	1:1 by volume	
Viscosity	15-30 poise	30-70 poises	ASTM D2393
Gel Time	15-30 minutes	15-30 minutes	ASTM C881
Tensile Properties	2,500-5,000 psi	2,500-5,000 psi	ASTM D638 Type I
Elongation	30% min	30% min	ASTM D638 I
Bond Strength	1,600 psi min	1,600 psi	ASTM C882
Compressive Properties	5,000 psi min (24 hours)	5,000 psi min (24 hours)	ASTM C579
Thermal Compatibility	No delaminations	No delaminations	ASTM C884
Water Absorption	>0.1%	>0.25%	ASTM D570
Permeability of Chloride Ions	73 (negligible)	73 (negligible)	AASHTO T277

* To be used as general guidelines only



E-bond 526/526-S

MULTI-LAYER RAPID SET EPOXY OVERLAYS

Features and Advantages

- Low Modulus, High Tensile Strength and Low Viscosity
- Fast-Setting for Quicker Placement and Return-To-Service
- Zero VOC's
- Rapid Strength Development in Warm and Cool Weather
- Superior Bond to Substrate and Aggregate
- Simple, 1:1, Mix Ratio
- Chemical Resistant

Application Process

Surface preparation is critical in the success of any overlay or HFST application.

E-526/526-S can be applied on concrete or steel decks:

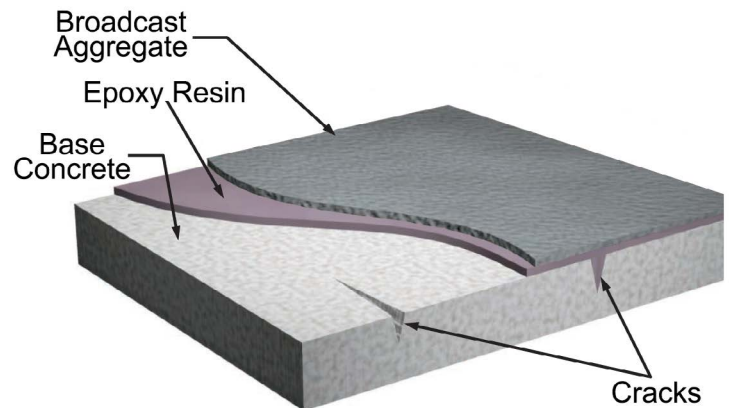
- E-526/526-S Multi-Layer Epoxy Overlay Systems consist of applying the epoxy polymer resin and a specified surface aggregate in multiple layers.
- E-526/526-S High Friction Surface Treatment applications consist of one layer of epoxy resin and a specified surface aggregate.

Applications

- Multi-layer rapid set epoxy overlay
- Single layer high friction surface treatment
- Patching
- Honeycomb areas



E-Bond 526/526-S materials are ideally suited for either hand-mixing or pumping operations.



This multi-layer Epoxy Polymer Overlay system provides long term protection of the underlying steel against the serious corrosive effect of chloride ion penetration.



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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