



**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-28 MMA HFST

## HIGH FRICTION SURFACE TREATMENT

### Durable High Friction Surfacing

Transpo's T-28 High Friction Surface Treatment (HFST) significantly increases roadway surface friction, reducing run off the road accidents on hazardous curves. The FHWA has suggested that High Friction Surface Treatments are the only low cost, active protective solution that is not dependent on driver response. This innovative technology is an affordable and highly effective lifesaving solution on roadways, particularly wet or curved surfaces.



T-28 HFST is a Methyl Methacrylate resin binder that can be applied on both asphalt and concrete pavements, and when incorporated with broadcast aggregate this system adds increased skid resistance that can greatly reduce accident and fatality rates on hazardous roadways.

PHYSICAL PROPERTIES*		
Properties	Value	Test Method
Tensile Strength	500-1,000 psi	ASTM D638 Type I
Elongation	70%	ASTM D638 Type I
Compressive Strength	2,000-3,000 psi	ASTM 579 Method B
Water Absorption	< 0.25%	ASTM D570

\*To be used as general guidelines only

Rapid cure in one hour or less in a wide range of temperatures.



**SAFER TRANSPORTATION THROUGH INNOVATION**

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### Features and Advantages

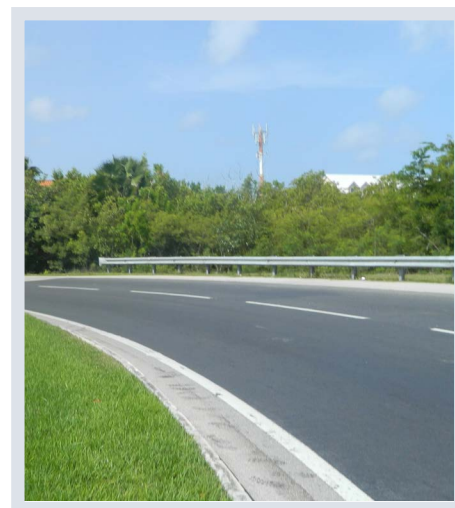
- Long-Lasting
- Easy Application
- Fast Cure Time
- Low Life Cycle Cost
- High Friction Skid-Resistant Surface
- Bonds to Concrete and Asphalt Surfaces
- Color can be Used for Added Safety and Traffic Calming

### Application Procedure

Existing pavement surface must be thoroughly cleaned and free of dirt and contaminants that might interfere with proper adhesion of the T-28 resin. Cleaning can be done with high pressure washing, sand blasting or shot blasting. The cleaned pavement surface must be dry before application begins.

T-28 High Friction Surface Treatment consists of resin and powder hardener. These components must be mixed thoroughly for uniform curing and performance. Aggregate should be applied immediately after resin application.

Refer to the T-28 High Friction Surface Treatment Technical Data Sheet for material handling, storage, application details and physical properties. Manufacturer Technical Representatives are available for additional information and on-site assistance.



### Applications

Transpo's T-28 can be used as a part of HFST on the following asphalt or concrete pavement surfaces:

- Horizontal Curves
- Intersections
- Rural Roadways
- Bridge Decks
- On-Ramps

Transpo's T-28 binder can be applied manually or with automated equipment



## Need More Information?

[WWW.TRANSPO.COM/MATERIALS](http://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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