



**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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# Sealate®

## T-70 HMWM CRACK SEALER

### Deck Preservation Crack Sealer

Sealate® Crack Sealers are specially formulated High Molecular Weight Methacrylate (HMWM) resin materials that strengthen and extend the life of concrete. With an easy single application, Sealate® deeply penetrates, fills and bonds cracks, and seals pores in existing concrete including roadways, bridges, and various concrete structures and surfaces.

The very low viscosity and surface tension of the Sealate® formulations allow it to easily penetrate and fill deep cracks in existing concrete. It bonds well to the inner walls of the cracks thereby restoring much of the original strength and reducing crack propagation. The significantly lower modulus and increased tensile elongation of Sealate® provides better compatibility with moving cracks and thermal stresses.



**Contact us for information on vertical and injection applications.**

PHYSICAL PROPERTIES*			
Properties	Unit of Measure		Test
	T-70-10	T-70 MX-30	
Viscosity	<20 cps (mPa.s)	<25 cps (mPa.s)	ASTM D2395
Tack Free Time	4-7 hr @70°F	6-8 hr @70°F	AASHTO T237
Slant Shear Bond Strength	>1800 psi (12.4 MPa)	>1,800 psi (12.4 MPa)	ASTM C881
Tensile Elongation	3-5%	30%	ASTM D638 Type 1

\* To be used as general guidelines only

**Sealate® is easy to handle in all working conditions and its rapid cure time assures a quick return to service.**



**SAFER TRANSPORTATION THROUGH INNOVATION**

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### Features and Advantages

Sealate® Strengthens and Extends Life of Concrete Surfaces

- Deep Crack Penetration
- Fast Cure
- Fills and Bonds Cracks
- Low Odor
- Easy Single Application
- Low Volatility
- Very Low Viscosity

### Application Process

**Prepare Surface:** Surfaces receiving Sealate® must be thoroughly cleaned and free of all dirt. Contaminates that might interfere with the proper adhesion of the material must be removed by sandblasting or shotblasting.

**Mix Material:** Sealate® resin must be mixed with the appropriate amount of provided promoter and initiator just prior to application. It can be applied manually with a broom and squeegee or by using spray equipment.

**Broadcast Sand:** Broadcast sand should be applied to the entire treated area prior to cure. It should be placed within minutes of the resin application and before any setting of the resin occurs.

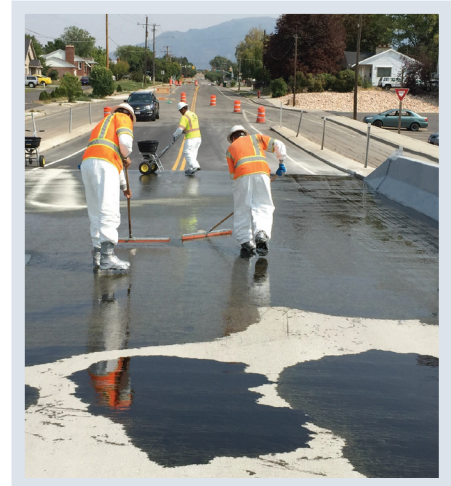
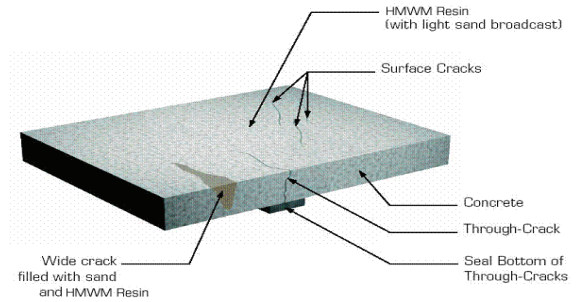
**Application of Sealate® requires minimal labor and no specialized equipment which results in low installation costs.**

Sealate® is available in 1, 5 and 55 gallon containers. The initiator and promoter are provided in separately labeled containers and in pre-measured quantities to make scale mixes of Sealate®.

### Applications

When used on concrete surfaces and structures, it reduces chloride permeability thus protecting it from further deterioration. Sealate® can be used for crack sealing and filling on:

- Concrete Roads
- Concrete Bridge Decks
- Parking Garages
- Industrial Floors
- Precast Concrete Elements
- Premature Cracking in New Concrete
- Aircraft Runways and Hangers



## 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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