



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-78 Crack Sealer

LOW VISCOSITY METHYL METHACRYLATE RESIN SYSTEM

Crack Sealer for Concrete Structures

Transpo T-78 Polymer Crack Sealer is a specially formulated, low viscosity, fast setting, Methyl Methacrylate (MMA) reactive resin system that is highly effective for sealing and filling cracks and pores in concrete surfaces and structures.

The low viscosity and surface tension of T-78 allows it to easily penetrate and fill deep cracks in existing concrete. It bonds well to the inner walls of cracks thereby restoring much of the original strength and reducing crack propagation. Its rapid curing time assures a quick return to service.

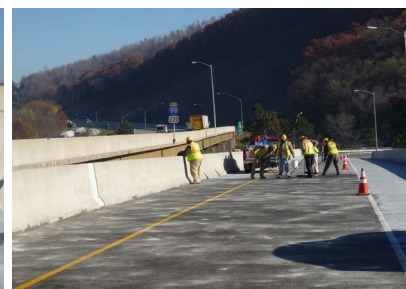
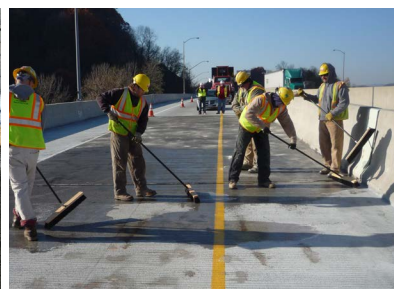
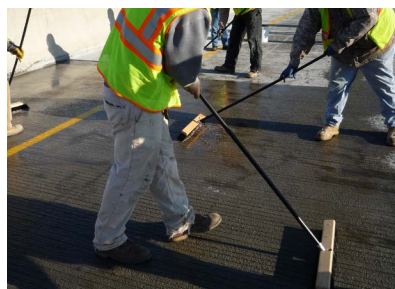


T-78 Polymer Crack Sealer seals cracks effectively and can be open to traffic in as little as an one hour.

PHYSICAL PROPERTIES*

Properties	Unit of Measure	Test
Viscosity	<5 - 10 cPs	Brookfield
Density	8.08 lb/gal	ASTM D2849
Tack Free Time @70°F	30-40 min	AASHTO T237
Pot Life @70°F	15-20 min	AASHTO T237
Flash Point	>50°F	ASTM D1310
Solids Content	100%	ASTM D1644
Tensile Strength	8,100 psi	ASTM D638
Tensile Elongation	5%	ASTM D638
Compressive Strength (24 hours)	12,800 psi	ASTM C3986

* To be used as general guidelines only



SAFER TRANSPORTATION THROUGH INNOVATION

T-78 Crack Sealer

LOW VISCOSITY METHYL METHACRYLATE RESIN SYSTEM

Features and Advantages

- Very Low Viscosity (<10 cPs)
- Fast Cure Time (45 minutes at 70° F)
- Fills and Bonds Cracks
- Easy Application
- Low Volatility
- Strengthens and Extends the Life of Concrete

Application Process

Surfaces receiving T-78 must be thoroughly cleaned and free of all dirt. Contaminates that might interfere with the proper adhesion of the material must be removed by sand blasting or shot blasting.

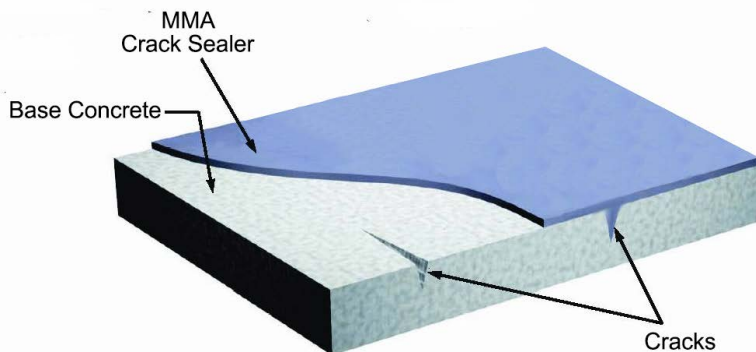
T-78 MMA Crack Sealer consists of two components: T-78 MMA resin and powder hardener. T-78 resin must be mixed with the appropriate amount of powder hardener just prior to application. It can be applied manually with a broom and squeegee or by using spray equipment.

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.

Applications

Application of T-78 is easy. It requires minimal labor and there is no need for specialized equipment, resulting in low installation costs. The use of T-78 on concrete structures reduces chloride permeability thus protecting it from further deterioration. T-78 can be used for crack sealing and filling on numerous types of concrete structures:

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



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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