TRANSPO® INDUSTRIES, INC.

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-17 Rapid Patch

MMA POLYMER CONCRETE

Extends Life of Concrete Structure

Transpo's T-17 methyl methacrylate polymer concrete is a 100% reactive, pre-packaged, two component solvent-free material system. T-17 is designed for use on new construction and rehabilitation of bridge decks, expansion joints, bearing pads, airport runways and other concrete structures.

Designed for new construction as well as rehabilitation, it is easy to handle in all working conditions, and requires no special equipment.

T-17 cures in less then one hour, unlike cementitous based materials. T-17's rapid curing time assures a quick return to service.

Partial or full depth applications can be accomplished in a single pour restoring the integrity of deteriorated PCC structures.

PHYSICAL PROPERTIES*

Properties	Unit of Measure	Test
T-41s Primer		
Viscosity	40-60 cps(mPa.s)	Brookfield
Pot Life (@70°F)	8-15 min.	AASHTO T237
Tensile Adhesion* **	>250 psi (>1.7 MPa)	ACI 503R
T-17 Polymer Concrete		
Viscosity	10-12 cps(mPa.s)	Brookfield
Pot Life (@70°F)	24 min.	AASHTO T237
Compressive Strength**	>2500 psi (>17 MPa) 2hrs 8000-9000 psi (55-62 MPa) -24hrs	ASTM C579 ASTM C579
Flexural Strength**	2000-2500 psi (13-17 MPa)	ASTM D790
Tensile Adhesion* **	>250 psi (>1.7 MPa) - 2hrs	ACI 503R

* To be used as general guidelines only
** No extension, varies with temperature
*** Pull-off Concrete

SAFER TRANSPORTATION THROUGH INNOVATION

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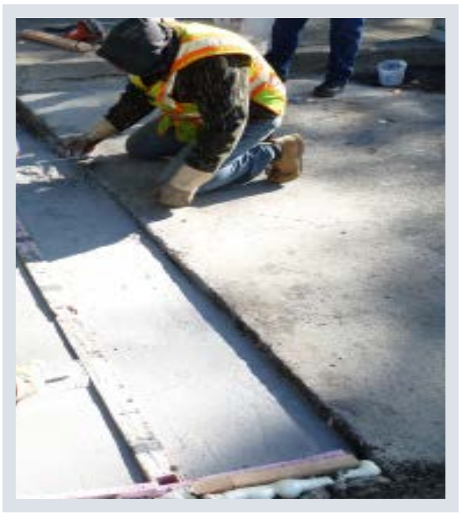


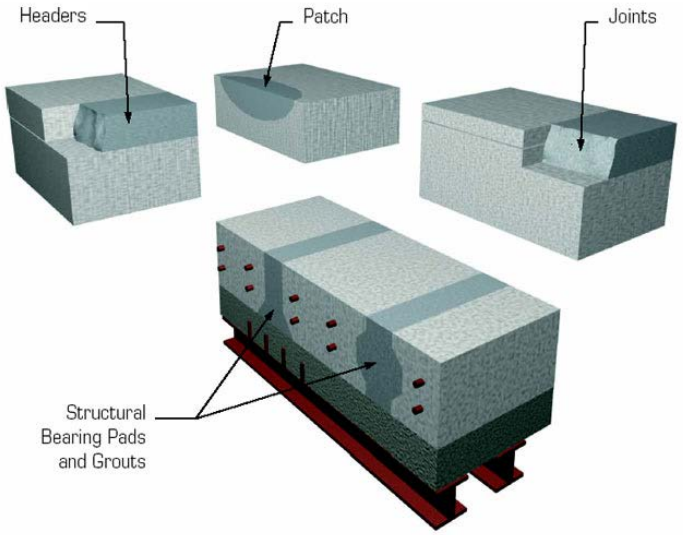
Features and Advantages

- Wide Application Temperature Range: 14 - 100°F (-10 - 38 °C)
- Fast Setting: 45 min. at 70°F (21 °C) or 90 min. at 14°F (-10°C)
- High Early Strength
- Strong Chemical Bond (no cold joints)
- Chemical Resistant
- UV Light Resistant
- Freeze-Thaw Resistant
- Waterproof
- Easy to Use

Application Process

Transpo's T-17 can be used as a neat mortar for grouting or thin patches (1/2" deep maximum). It can also be filled with special aggregate and used for partial or full-depth patching in a single pour for most applications. This system is to be used on horizontal concrete surfaces, on grade, above and below grade, and can be pumped.

A thin coat of T-41s methyl methacrylate primer should be used to seal the existing concrete surface and increase the bond strength of cured T-17 to the portland cement concrete (PCC).



Applications

Because of its high strength, chemical resistance, and rapid cure, T-17 can be used for repairs and rehabilitation of numerous concrete structures including:

- Concrete Bridge and Parking Deck Repair
- Concrete Spall Repair
- Structural Grouting
- Expansion Joint Headers
- Structural Bearing Pads
- Load Transfer Devices
- Concrete Runway Repair

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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.

Transpo Industries, Inc.
20 Jones Street
New Rochelle, NY 10801

914.636.1000 Phone
800.321.7870 Toll Free
914.636.1282 Fax
info@transpo.com

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