

Screen-Safe in St. Paul



Concrete barrier installation of Screen-Safe™

Transpo's Screen-Safe™ work zone and median glare screen was chosen by the MN DOT to replace a failed green paddle system on the I-35E in St. Paul.

Jerome Perry of Highway Solutions contracted Highway Technologies to install approximately 100 feet on a concrete barrier in August of 2009.

Screen-Safe's unique double-reverse corrugated (DRC) steel fabric is galvanized and topcoated with a gray zinc-based powder coating. Screen-Safe™ controls airborne debris and prevents motorists from viewing into the work zone. This reduces driver distractions, potentially avoiding rear end collisions. It is easy to install and strong enough to handle wind gusts, salt spray, snow and slush. Screen-Safe™ can be installed on concrete barriers and steel guardrail.

For more information on this product, please call 800-321-7870, or visit the company website: <http://www.transpo.com/screen-safe.htm>.

Quick Turn-Around Time with MMA

The NYDOT selected T-17 Methyl Methacrylate Polymer Concrete as the specified material for a bridge on route 9W in Cornwall NY. Wallace Pishtey, NYS-DOT Supervisor, needed a fast turn-around time for the southbound side of the Old West Point Road Bridge.

So on a clear September day at a comfortable 75°F, the largest single pour for Transpo, 7.5 cubic yards of T-17 MMA took place. Contractor Ben Ciccone Inc. and Idema General Contractors were pleased with the ease of mixing and placement of the 100% reactive, pre-packaged, two-component material.

T-17 was created for use on new construction, as well as rehabilitation of bridge decks, expansion joints, bearing pads and other types of concrete structures. It can be filled with special aggregate and used for partial or full-depth patching in a single pour. This system has been used on horizontal concrete surfaces, on or above grade, or pumped.

A thin coat of T-41s methyl methacrylate primer is used to seal and water-proof the existing concrete surface and increase the bond strength of cured T-17 to the Portland cement concrete (PCC). An application of T-17 restores the structural integrity of deteriorated PCC structures. Its rapid curing time (approx. one hour) assures a quick return to service. T-17 is easy to handle in all working conditions (in temperatures as low as 14°F) and requires no special equipment.

For more information on this product, please call 800-321-7870, or visit the company website: <http://www.transpo.com/T-17.htm>



Largest Single Pour of Transpo's T-17 MMA



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Extending Bridge Life

In September of 2009, the City of Winnipeg's maintenance engineer and consultant Wardrop Engineering contracted Specialty Construction Products Ltd. to apply Transpo's T-18 Methyl Methacrylate (MMA) polymer concrete overlay to the eastbound lanes of the Provencher Bridge in Manitoba, Canada.

The Provencher Bridge spans the Red River linking downtown Winnipeg with the St. Boniface community. In 2008, the same contractor applied Transpo's Sealate® (T-70/MX-30) to the westbound lanes.

T-18 MMA is a pre-packaged three-component system ideal for concrete bridge decks. It is comprised of graded aggregates bound in slurry with a MMA polymer binder and broadcast with a coarse-wearing aggregate for skid-resistance. It can be applied in a thickness up to 3/8", extending the life of concrete bridge decks, while adding minimal deadweight. The rapid cure time of one hour, and the ability to apply the material at temperatures ranging from 14 to 90°F (minus 10 to 32°C) reduces downtime.

For more information on this product, please call 800-321-7870, or visit the company website: www.transpo.com/sealate.htm.



Provencher Bridge in Manitoba Canada

Break-Safe® in California



First installation of Break-Safe® in CA completed

The first installation of Break-Safe® in California, was a model AS4 on steel post, installed by the Public Works Department of Lake County.

This particular sign is impacted about five times a year, from both directions, on a curvy roadway. The county had been using double 4 x 6' wooden posts and were delighted to replace it with a single reusable steel post.

Supplier Interstate Sales and county road superintendent Steve Strangland were very pleased with the ease of installation and plan to install more Break-Safe® in the near future.

For more information on this product, please call 800-321-7870, or visit the company website: <http://www.transpo.com/break-safe1.htm>