

SAFETRACK® MTI Data Sheet

Micro-Trench Infill System

Product Description

SAFETRACK® MTI is a cold, liquid applied, self-consolidating, flexible roadway reinstatement system based on Stirling Lloyd's (now part of GCP Applied Technologies) unique ESSELAC® resin technology. Its fast cure and overall versatility make this product ideal for micro-trench reinstatements.

Use

The SAFETRACK® MTI system has been designed for the infill and final reinstatement of micro-trenches in both asphalt and concrete. The material is used to reinstate the micro-trench and, with an overband, provide a neat termination and prevent the ingress of water into the fabric of the roadway or other surface.

Surface Preparation

The vertical faces of the trench and adjacent surfaces to be treated must be clean and dry. Use a stiff brush to clean off trench walls followed by oil free and dry compressed air to clear the trench of all dirt, standing water and loose material. Dry with a SAFETRACK® drying lance or with compressed air that is oil free. Pay particular attention to aiming the air or air/ gas mixture at the cut face on both sides of the trench to ensure proper cleaning of the trench. Repeat blowing out and cleaning the trench as needed.

Product Advantages

- Rapid cure - fast return to service
- Cold applied, no hot trades
- Free flowing and self-consolidating – no compaction required
- Excellent mechanical interlock
- Does not deform under traffic load
- Supplied in asphalt gray or neutral indicator, or can be custom colored on-site. Dye can be added to create an orange dig-safe indicator layer.

Application Equipment

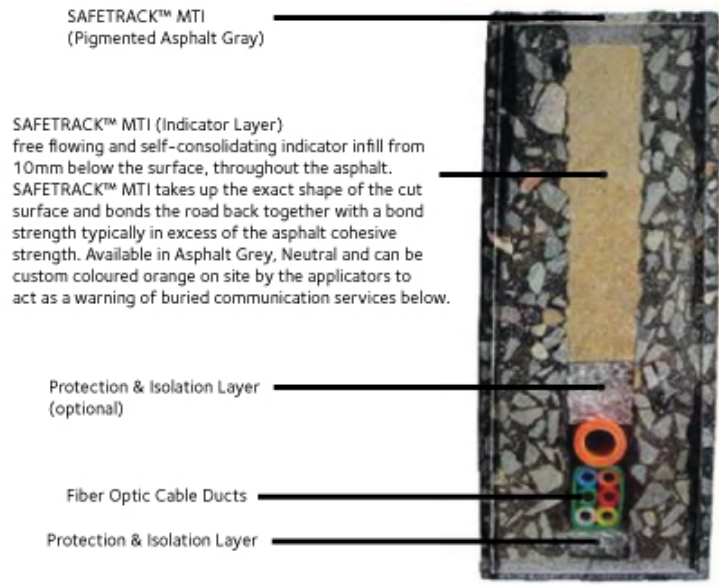
SAFETRACK® MTI can be easily applied by hand or by pump. Please contact your GCP representative for details.

Application

Application training is provided by GCP and application should be in accordance with our detailed "Application Guidelines" which are available to Authorized Contractors or upon request.

Coverage

SAFETRACK[®] MTI - 0.134 cubic feet per US gallon. Theoretical yield per pail and standard BPO Catalyst (Hardener Powder or Liquid): Approximately 3.6 US gallons. Yields and consumption rates are theoretical and make no provision for waste.



SAFETRACK[®] MTI Application

Temperature Range¹ 23 to 120 °F

TEMPERATURE ² /SUBSTRATE	TYPICAL WORKING LIFE	TYPICAL CURE TIME ³
95 °F	7 minutes	10 minutes
86 °F	10 minutes	20 minutes
77 °F	13 minutes	35 minutes
68 °F	15 minutes	50 minutes
59 °F	12 minutes*	40 minutes*

* Based on the use of extra hardener powder. Please contact your local GCP representative for advice.

1. For temperatures outside this application range please contact your local GCP representative.
2. Based on material and substrate having similar temperatures.
3. SAFETRACK[®] MTI can be overlaid with SAFETRACK[®] MTI before it is fully cured.

Overcoating

SAFETRACK® MTI can be overlaid with the second pass of SAFETRACK® MTI as soon as the initial cure of the indicator layer has taken place. There is no maximum overlaying time as the material chemically bonds to that already in place. The existing surfaces are required to be clean and dry.

Color

Asphalt Gray

Neutral

Orange (for “dig-safe” indicator layer) Custom Ordered

Cleaning

All tools and equipment should be cleaned with acetone after use, before the material is allowed to cure.



Packaging & Storage

Resin: 3.57 US Gal pail

BPO Hardener Powder: Range of Pack sizes

BPO Liquid Hardener: 5 Gallon Pail

All components of the SAFETRACK® MTI system should be stored in cool, dry, protected conditions, out of direct sunlight and in accordance with the relevant Health & Safety regulations. Storage temperature must not exceed 77°F (25°C). Do not store any component near naked flames or foodstuffs.

Stored in unopened containers, under the correct conditions, SAFETRACK® MTI and the BPO hardener powder have a shelf life of six months. The BPO liquid hardener has a shelf life of 12 months. If the components are stored at higher temperatures the shelf life will be reduced. Please contact us for further details / advice.

Health & Safety

Please refer to the Safety Data Sheet (SDS) for each system component and cleaning material prior to use. Also reference the SDS for further information.

General Information

SAFETRACK® MTI is part of a wide range of specialist highway maintenance, waterproofing, surfacing and repair materials manufactured and supplied by GCP Applied Technologies. If you require any further information on this or any other of our products, please contact us or visit our website gcpat.com.

GCP's SAFETRACK® 200 Pump Applicator



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