

SAFETRACK[®] MTI

Micro-Trench Infill System

Product Description

SAFETRACK[®] MTI is a, cold, liquid applied, self-compacting, flexible asphalt reinstatement system based on our unique resin technology.

A major advantage of SAFETRACK[®] MTI is its fast cure and short drive on time across the application temperature range. To facilitate this SAFETRACK[®] MTI is available in Standard, Low Temperature (LT) and High Temperature (HT) grades.

Use

The system has been designed for the infill and final reinstatement of micro-trenches in asphalt. The material is installed in a two-step process: the first to infill the micro-trench to within 10mm of the running surface; the second to produce an overband to seal the surface. SAFETRACK[®] can be supplied in a neutral colour for the infill section to act as a visual indicator of the fibre duct below. It is also available pigmented Asphalt Grey, which can be used for this area and specifically for the final 10mm of fill and the surface sealing.

Features

- Indicator colour as a warning of the fibre duct below
- Pigmented asphalt grey to match the road surface
- First time reinstatement
- Quick, simple and economical to apply
- Safe to use – cold applied, no hot trade
- Free flowing – no compaction required
- Long service life – less maintenance
- Rapid cure - Fast return to service with short drive-on times
- Excellent mechanical interlock
- Does not deform under traffic load
- No secondary compaction
- BBA HAPAS Approved

Technical Data

APPLICATION TEMPERATURE RANGE ¹		0 TO 50 °C
Temperature ² / Material	Typical Working Life	Typical Cure Time ³
SAFETRACK [®] MTI		
25 °C	5 minutes	10 minutes

20 °C	7 minutes	20 minutes
15 °C	10 minutes	35 minutes
10 °C	13 minutes	50 minutes
SAFETRACK® MTI HT		
35 °C	7 minutes	10 minutes
30 °C	10 minutes	20 minutes
25 °C	13 minutes	35 minutes
20 °C	25 minutes	50 minutes
15 °C	12 minutes**	40 minutes**
SAFETRACK® MTI LT		
15 °C	7 minutes	23 minutes
10 °C	10 minutes	30 minutes
5 °C	13 minutes	35 minutes
0 °C	15 minutes	40 minutes
-5 °C	9 minutes**	40 minutes**

**Based on the use of extra hardener powder. Please contact us for advice

¹ For ambient temperatures outside this application range please contact us.

² Based on ambient, material and substrate temperature all being the same.

Surface Preparation

The vertical faces of the trench and adjacent surfaces to be treated must be clean and dry. Use 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 and dry. Pay particular attention to aiming the air or air / gas mixture at the cut face on both sides of the trench to ensure that all dust arising from the cutting operation is removed, to leave a dust free, clean and dry face.

Application Equipment

There is a wide range of bespoke application equipment available from GCP designed to increase the speed and reduce the cost of micro-trenching. Please contact us for details.

Application

Application may be by using hand tools, or small or large scale plant all available from GCP.

Application training is provided by GCP and application should be in accordance with our detailed Application Guidelines which are available to our Authorised Contractors.

Coverage

SAFETRACK[®] MTI – 1.85kg/m²/mm

Overcoating

SAFETRACK[®] MTI can be overlaid with the second pass of SAFETRACK[®] MTI as soon as the initial cure of the SAFETRACK[®] MTI has taken place. There is no maximum overlaying time as the new SAFETRACK[®] material chemically bonds to that already in-situ.

Colour

Neutral and Asphalt Grey.

Cleaning

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

Packaging & Storage

SAFETRACK[®] MTI is supplied in:

25.25kg kit – 25kg of resin & 250g bag of BPO catalyst (for hand application)

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 site Health & Safety regulations.

Storage temperature for the Hardener Powder must not exceed 25 °C. Do not store any component near naked flames or foodstuffs.

Stored in unopened containers, under the correct conditions, at temperatures below 25 °C the components have a shelf life of twelve months. If the resin is stored at higher temperatures the shelf life will be reduced. Please contact us for further details / advice.

Health & Safety

Please refer to our 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. If you require any further information on this or any other of our products, please contact us or visit our website www.gcpat.com.

gcpat.uk | Technical Services, Manchester, UK (+44 (0) 1565 633111)

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MA766 SAFETRACK® MTI DATASHEET (Issue 7)

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Last Updated: 2023-02-02

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