



safetrack[®] crack infill

CRACK & FRETTED JOINT INFILL SYSTEM

DESCRIPTION

Safetrack Crack Infill is a cold, liquid applied, fast curing system based on our advanced MMA technology.

USES

Designed for the filling of open cracks in asphalt and concrete substrates, the system is ideally suited for the following applications:

- Infilling cracks over 5mm
- Filling and supporting weak fretted joints in asphalt.

FEATURES

- Permanent, first time reinstatement
- Quick, simple and economical to apply
- Cold applied – no hot trades
- Long service life – less maintenance
- Fast return to service
- Excellent mechanical interlock
- Does not deform under traffic load
- Retains skid resistance in the long term
- Extends the life of asphalt

TECHNICAL DATA

PROPERTY	VALUE
Application Temperature Range ⁽¹⁾	0 to 30°C
Drive on Time	
20°C	20 minutes
0°C	40 minutes

SURFACE PREPARATION

The surface to be treated must be clean and dry. Use a stiff brush or oil free compressed air to clear the crack of all dirt, standing water and loose material. Dry with a gas burner or with compressed air that is oil free and dry.

APPLICATION

You will need a funnel top draw box that is 40mm wide with a notched front. Stirling Lloyd Draw Box ref E51420 is suitable.

Mixing

Ensure the job is prepared before starting the mixing operation. Stir the resin thoroughly immediately prior to use. Whilst continuing to stir, add the BPO powder catalyst and mix thoroughly for a further 30 seconds. Scrape around the sides of the pail to ensure the catalyst is fully dispersed. This initiates the 'working life' during which time the Crack Infill must be used. Without stopping, move quickly onto applying the material.

Application

Pour the mixed material into the draw box as you pull it over the surface to produce an even band of material over the crack. Keep the draw box level and flat on the ground at all times. Towards the end of the 'working life' polymerisation starts, the viscosity increases i.e. it becomes stiffer, the temperature rises

and the material starts to gel. Do not try to place or work the material at this stage.

Before the Crack Infill is allowed to gel it must be completely 'blinded' with 2mm dry aggregate ensuring no bare patches of resin are visible. The aggregate should be applied in such a manner that individual particles are allowed to fall vertically onto the Crack Infill. Once cured the road may be opened to traffic.

COVERAGE

Crack Infill – 1.9kg/m²/mm

Coverage per pack will vary depending upon the size of the crack and surface texture but based on using a 40mm Draw Box and a depth of 3mm it is typically 35 linear metres per patch pack and 8.08kg kit and 110 linear metres per 25.25kg kit.

Aggregate Overscatter is typically 4kg/m²

COLOUR

Asphalt Grey

CLEANING

All tools and equipment should be cleaned with Stirling Lloyd Solvent No.1 before the material is allowed to cure.

PACKAGING & STORAGE

Safetrack Crack Infill Patch Pack is supplied in a single container with all the necessary materials and equipment to apply the product.

Bulk Packs

8.08kg (8kg pail of Resin & 80g bag of BPO)
25.25kg (25kg pail of resin & 250g bag of BPO)
Aggregate Overscatter – 25kg bags

All components should be stored in cool, dry, protected conditions, out of direct sunlight and in accordance with the relevant site Health & Safety regulations. Storage temperature must not exceed 25°C. Do not store near naked flames or foodstuffs. Stored in unopened containers, under these conditions, the components have a shelf life of twelve months.

HEALTH & SAFETY

The Material Safety Data Sheet must be read, understood and available on site before commencing work.

It is the Company's policy to take all reasonable steps to prevent injury to all property and personnel from foreseeable hazards. This extends to the public in so far as they come into contact with the Company or its products.

GENERAL INFORMATION

Safetrack Crack Infill is part of a wide range of specialist highway maintenance, waterproofing, surfacing and repair materials manufactured and supplied by Stirling Lloyd. If you require any further information on this or any other of our products, please contact us or visit our website www.stirlinglloyd.com or our dedicated micro site:

www.highwaymaintenanceproducts.com

¹ For temperatures outside this application range please contact us.



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