



safetrack[®] overbanding

ROAD CRACK & JOINT SEALING SYSTEM

DESCRIPTION

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

USES

Designed for the overbanding of cracks in asphalt substrates, the system is ideally suited for the following applications:

- Sealing cracks (up to 5mm wide)
- Sealing joints between re-instatement materials and the existing road

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
- Non-reflective finish
- Dimensionally stable
- Extends the life of asphalt

TECHNICAL DATA

| PROPERTY | VALUE |
|--|--------------|
| Application Temperature Range ⁽¹⁾ | 0°C to +30°C |
| Typical Working Life | |
| 20°C | 7 minutes |
| 0°C | 15 minutes |
| Drive on Time | |
| 20°C | 20 minutes |
| 0°C | 40 minutes |

SURFACE PREPARATION

Measure the crack width. Overbanding can be placed in cracks up to 5mm wide. For cracks over 5mm wide and fretted joints, use Safetrack Crack Infill.

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 and with a plain (un-notched) front. Stirling Lloyd Draw Box ref E51415 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 Overbanding must be used. Without stopping, move quickly onto applying the material.

NB: The 'Patch Pack' is supplied with suitable measuring equipment to split the kit should you not require the full contents to be used in one application.

Application

To assist in pouring material, squeeze the sides of the pail together to form a spout. 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 Overbanding is allowed to gel it must be completely 'blinded' with 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 Overbanding. Once cured, typically 20 minutes at 20°C, the road may be opened to traffic.

COVERAGE

Will vary depending upon the size of the crack and surface texture but is typically 55 linear metres per kit using a 40mm draw box and with a surface texture depth of 0.5mm. Aggregate Overscatter is typically 2kg/m².

COLOURS

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

Patch Pack

Consists of a pre-packed resin, powder catalyst (BPO) and aggregate, mixing stick, measuring equipment and gloves packed into a plastic pail

Bulk Pack

8kg pail of Resin
80gram Bag of BPO
25kg bag of aggregate

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.

¹ For temperatures outside this application range please contact us.

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GENERAL INFORMATION

Safetrack Overbanding 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



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