

SAFETRACK®
Overbanding
Application Guide

Road Crack and Joint
Sealing System.



**PROUDLY PART
OF SAINT-GOBAIN**

SAFETRACK® Highway Maintenance Products

EXTENDING THE SERVICE LIFE OF HIGH TRAFFIC ROADS

Stirling Lloyd, now GCP, pioneered the innovative SAFETRACK® highway maintenance range, delivering high quality in-situ performance with a long service life for a wide range of highway repair and protection applications.

SAFETRACK® Overbanding is a HAPAS Approved* liquid, cold-applied, fast curing overbanding system based on GCP Applied Technologies, previously Stirling Lloyd's unique ESSELAC® advanced resin technology and extensive experience in the development of high performance reinstatement products.

HAPAS

APPROVED

ESSELAC®

Unique advanced resin technology

IMPORTANT

- This is a very fast curing, cold-applied product.
- Once mixed you only have a short time to place the materials so mixing and placing should take place immediately adjacent to the area to be treated and be one continuous process.
- Do not stop or the material will start to cure in the bucket.
- Once the material starts to gel do not try to place or work the material.
- You must not add fresh material to old material in the same container. Synthetic resins cannot be 'brought back' by adding more liquid.
- Prior to application read this Application Guide paying particular attention to the Health & Safety section.

Each kit consists of:

- 1 x tin of resin (8Kg)
- 1 x bag of BPO Powder Catalyst (80g)

NOTE: Green Granite (1mm) and a 40mm Funnel Draw box need to be available on site.



SAFETRACK® Overbanding

Step by Step Application



1

First measure the crack or joint width to be in-filled. SAFETRACK® Overbanding can be placed in cracks and fretted joints up to 5mm wide.

PLEASE NOTE: For cracks and fretted joints over 5mm wide, use HAPAS approved SAFETRACK® Crack Infill.

The quantity of material required is dependant on the size of the crack or joint and the surface texture.



2

Remove all loose debris. Dry the substrate with a suitable Drying Lance (not thermal lance). SAFETRACK® Overbanding should only be applied to a clean and dry substrate.



3

You will need a 40mm wide funnel top draw box with a plain (un-notched) front.



4



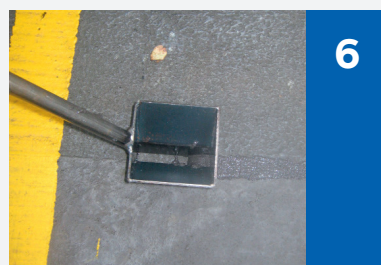
Remove the lid from the tin and mix the resin thoroughly using a drill and paddle for 30 seconds. Then pour the bag of BPO powder catalyst into the resin and mix thoroughly for 30 seconds. Move the paddle around the edges of the tin to ensure the catalyst is fully dispersed. You have now initiated the working life of the product – Do not hang around.

Quickly move on to Step 5.



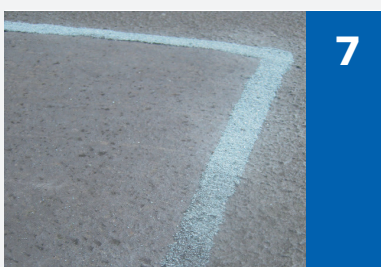
5

Squeeze the sides of the tin together to form a spout to aid pouring into the draw box.



6

Carefully pour the resin mix into the draw box while pulling along the line of the crack, producing an even band of material. Keep the draw box level and on the ground at all times.



7

Before the SAFETRACK® Overbanding is allowed to gel, cast 1mm Granite Overscatter onto the surface by hand. Ensure no bare patches of resin are visible.

Sweep off excess aggregate once the resin has fully cured.

SAFETRACK® Overbanding

Technical Information

Temperature ¹	25°C	20°C	15°C		10°C		5°C	0°C
Pack Size	8kg	8kg	8kg		8kg		8kg	8kg
Material ²	OB	OB	OB	OB LT	OB	OB LT	OB LT	OB LT
Typical Working Life	5 mins	7 mins	10 mins	7 mins	13 mins	10 mins	13 mins	15 mins
Typical Cure/Drive On Time	10 mins	20 mins	35 mins	23 mins	50 mins	30 mins	35 mins	40 mins

¹ Based on ambient, material and substrate temperature all being the same. Please be advised that Safetrack Overbanding can be applied outside these temperatures. Please contact us for further information / advice.

² OB = Safetrack Overbanding, OB LT = Safetrack Overbanding Low Temperature

Coverage Rate (Typical):

55 linear metres when using a 40mm Draw Box and with a texture depth of 0.5mm.

Cleaning:

Clean tools before product cures. Scrape off excess resin and remove residue with acetone.

Waste Disposal:

Empty containers should be disposed of in accordance with Local Authority guidelines. Cured product can be disposed of as industrial waste. Unused product must be treated as hazardous waste. Please refer to QA511 SL Methacrylate Resins - Waste Disposal.

Health & Safety Guidance:

When handled correctly the product represents a low risk to health. Nevertheless there are some fundamental procedures together with good site practice that should be followed:

- Read the material Safety Data Sheet before use for detailed advice in conjunction with QA247 Esselac Resins Health & Safety Overview.
- Wear gloves when handling the components.
- Eye protection should be worn when mixing or applying the materials.
- The resin component of the system is flammable. Do not smoke in the work area and keep away from sources of ignition.
- Any splashes on your skin should be washed off with warm soapy water. Wash hands after use and before handling food.
- This system has a discernible fruity odour that you may not be familiar with. It is noticeable at extremely low levels (5ppm). However in open spaces despite the odour the product presents a very low risk.

Learn more about
GCP's **SAFETRACK**[®]
highway maintenance products.

Visit us at **gcpat.uk**

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