

SAFETRACK® SC

Slip Resistant Surface Colour

Description

SAFETRACK® SC is a fast curing, UV stable coating supplied in a range of vibrant colours to provide a highly visible, slip resistant demarcation system. SAFETRACK® SC is based on GCP Applied Technologies, previously Stirling Lloyd's, unique ESSELAC® advanced resin technology and extensive experience in the development of slip resistant high performance coatings.

Uses

SAFETRACK® SC is available with a choice of two encapsulated aggregates and can be applied to both asphalt and concrete. It is the ideal coating for a variety of trafficked and pedestrian areas including:

- Retail parks
- Traffic calming & ghost isles
- Cycle routes
- Walkways
- Village Gateways, Congestion Charge Zones
- Parking Bays
- Refreshing faded thermoplastics

Features

- Cold applied material with no pre-heating required.
- Zero Erosion after Wheel Tracking¹
- Inexpensive application equipment
- Fast, all year round application ensuring a rapid return to service, even at low temperatures
- Solvent free
- UV stable colours
- Excellent bond to concrete, steel, asphalt & thermoplastics surfaces
- Can be trafficked within one hour
- Fast track and weather tolerant application when compared to water based paint systems
- Resistant to Brake Fluid, Hydraulic Fluid, Motor Oil, Diesel, Petrol, De-icing Salts and Anti-Freeze.

Surface Preparation

It should be stressed that a successful application is dependent on the thoroughness of the surface preparation. All surfaces must be clean, dry and structurally sound.

New concrete should be a minimum of 14 days old.

It is advisable to carry out tensile adhesion "Patti" tests on all asphalt substrates prior to installation. SAFETRACK® SC may be applied once the required tensile adhesion has been achieved.

Repairs to damaged concrete or asphalt i.e. pot holes and cracks can be made with one of our Highway Maintenance repair products and can be over-coated immediately with no impact on adhesion.

All existing road markings, ironwork, studs etc. should be suitably masked. Forced surface drying can be used immediately ahead of the application if the road is wet.

¹ The UK Highways Authority Product Approval Scheme (HAPAS) for High Friction Surfacing systems requires products to pass a sufficient test. SAFETRACK® SC was submitted under the test for Type 1 sites (most onerous conditions) as defined in HD28/94

Application

The application temperature range for standard SAFETRACK® SC is 0°C (32°F) to 30°C (86°F). It can be applied outside of these temperatures with small adjustments to the standard curing mechanism.

SAFETRACK® SC is a three-component coating, supplied in pre-weighed quantities ready for on-site mixing. Application is by notched rubber squeegee, followed by a paint roller to achieve the required surface finish.

Typical cure time is under one hour after which the road can be re-opened.

Application training is provided by GCP and detailed application guidelines are available to the applicator.

Coverage (Typical)

SAFETRACK® SC – 2kg/m²

One coat is normally sufficient. Coverage rate will depend upon surface texture and porosity.

The texture depth of substrates should be measured using the Sand Patch technique prior to application to assess the coverage rate required. We are able to offer guidance on how to perform this test. We recommend that you treat substrates with a texture depth of greater than 1.5mm with METASET® Scratch Coat prior to application of the SAFETRACK® SC. Commercially; this is an economical solution over using just SAFETRACK® SC to fill the voids.

Colours

SAFETRACK® SC is currently available in a palette of over 30 colours. Colour representations are shown on our website.

Stock colours include Asphalt Grey, Black, Capri Blue, Chrome Green, Mid Grey and Road Red. All other colours are made to order. Bespoke colours can also be made available.

Aggregates

A choice of two encapsulated aggregates is available. Green Granite is recommended for pedestrian and low volume traffic applications. Bauxite is recommended for high volume traffic applications. Aggregate is supplied separately and the type must be specified at time of order.

If vehicular traffic is to permanently share a cycle lane or the intended application is in a bus lane, as depicted in the picture below, we recommend that you use our SAFETRACK® CT which provides higher Scrim Values.

Cleaning

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

Packaging & Storage

SAFETRACK® SC is available in summer and winter grades and is supplied in the following quantities:

Grade	Pack Size	Resin	BPO
Summer Grade	25kg	24.83kg	170g
Winter Grade	25.08kg	24.83kg	250g

Aggregate - supplied in 20kg boxes containing 4 x 5kg 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 the correct conditions, the components have a minimum shelf life of six months. If your product is more than six months old you must contact GCP before use.

Ancillaries

GCP has developed and manufactures a range of compatible products to compliment SAFETRACK® SC. These include,

- METASET® Scratch Coat - a rapid curing levelling screed.
- SAFETRACK® LM - BSI Approved cold applied, line markings offering excellent durability in a variety of colours.

- SAFETRACK® Crack Infill - HAPAS Approved for the repair of fretted joints.
- SAFETRACK® Overbanding - HAPAS approved for crack and joint sealing.
- SAFETRACK® Inlaid Road Repair - HAPAS Approved for large asphalt repairs.
- SAFETRACK® EPM - UK Highways Agency (HA) approved patch material for asphalt and concrete road surfaces repairs.
- SAFETRACK® HW - HAPAS Type 1 High Friction surfacing.
- SAFETRACK® CT - Coloured surfacing for heavily trafficked environments.

Health & Safety

Please refer to our safety datasheets for further information.

General Information

SAFETRACK® SC is one of a wide range of specialist 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 www.gcpat.com

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

We hope the information here will be helpful. It is based on data and knowledge considered to be true and accurate, and is offered for consideration, investigation and verification by the end user, but we do not warrant the results to be obtained. Please read all statements, recommendations, and suggestions in conjunction with our conditions of sale, which apply to all goods supplied by us. No statement, recommendation, or suggestion is intended for any use that would infringe any patent, copyright, or other third party right.

ESSELAC®, METASET® and SAFETRACK® are trademarks, which may be registered in the United States and/or other countries, of GCP Applied Technologies Inc. This trademark list has been compiled using available published information as of the publication date and may not accurately reflect current trademark ownership or status.

© Copyright 2018 GCP Applied Technologies Inc

All rights reserved GCP Applied Technologies Inc., 62 Whittemore Avenue, Cambridge, MA 02140 USA.
GCP Applied Technologies (UK) Limited, 487- 488 Ipswich Road, Slough, Berkshire, SL1 4EQ, UK

Last Updated: 2021-07-06



Certificate Number 15174
ISO 9001, ISO 14001