



SAFETRACK[®] Highway Maintenance Solutions.

SAFETRACK[®]
HIGHWAY MAINTENANCE SOLUTIONS.

Improving and maintaining our highway infrastructure for the long-term.

The focus on asset management, road worker and road user safety is putting extra pressure on councils and agencies. Whether your need is quality high friction surfacing or filling cracks and open joints, whether it's sustainable demarcation on the road surface or prevention of water ingress, all our solutions are highly durable.

Our team are highways experts, we understand the challenges you face and are focused on ensuring we provide the products and services you need to maintain and improve highway assets.

Proven results that last the distance.

The focus on asset management, road worker and road user safety is putting extra pressure on councils and agencies. Whether your need is quality high friction surfacing or filling cracks and open joints, whether it's sustainable demarcation on the road surface or prevention of water ingress, our products deliver proven in-situ performance and long service life.

The SAFETRACK® range of high-performance road maintenance products deliver proven superior in-situ performance and longer service life.

The SAFETRACK® range comprises innovative solutions for both the maintenance and the enhancement of highway properties during planned maintenance and rapid response situations.

Whatever the project, we will work with you to ensure minimum short-term disruption and maximum long-term results.

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WHY CHOOSE SAFETRACK®

- **Save time and reduce disruption:** The systems are fast curing (30 – 40mins) enabling multiple sites to be completed within a single shift. Our systems can even be applied at low temperatures – extending the highway maintenance season. Not only that but our systems are cold applied, meaning no hot work permits, no hot trades, no expensive specialist equipment and improved road worker safety.
- **Long service life – reducing maintenance costs and protecting assets:** Proven results across our range of products, with our line marking systems Safetrack LM and Retromax exceeding required standards, even after 7 years' service. Our HAPAS approved high friction surfacing Safetrack HFS has even been proven to last much longer.
- **A unique solution with an enviable track record of success:** Proprietary ESSELAC resin technology has been developed to be fast and simple to apply and deliver long lasting in-situ performance every time.

SAFETRACK® surfacing solutions for highway maintenance.

Keeping traffic moving, reducing disruption and improving road worker safety have all been central to the development of our SAFETRACK® range of highway maintenance products.

Our solutions support the on going focus on asset management, delivering proven long-term performance and protection.

Keeping traffic moving with fast, effective application and long-lasting results.

SAFETRACK® HFS High Friction Surfacing.

SAFETRACK® HFS is HAPAS approved and designed to provide greater safety for all classes of roads in a wide variety of situations. The system consists of a unique resin binder with aggregate over scatter and is proven to last well beyond other systems.

The use of high friction surfacing is one of the most cost effective safety measures available, and recommended for use in high risk areas such as deceleration approach areas, accident remedial schemes, pedestrian crossings, traffic segregation, traffic calming / gateways, bus & cycle lanes.



SAFETRACK® HFS

High Friction Surfacing

High friction surfacing, **BBA** Hapas approved **MMA**. Achieves a 'zero erosion index' providing the highest rating for wear resistance.

SAFETRACK® LM

Line Marking System

Exceptionally hard-wearing and cost-effective, cold-applied line marking system offering long term durability and colour stability.

SAFETRACK® SC

Slip-resistant Coloured Surfacing

Slip-resistant coloured surfacing system in a range of vibrant colours to provide highly visible surface demarcation.

WHY CHOOSE SAFETRACK® HFS

- Best in class performance with the highest rating for wear resistance.
- Cold applied for improved safety and all year round application, sets in temperatures as low as -5°C.
- Available in a range of colours – resin binder pigmentation and colour coated aggregates.
- Strong bond to a range of substrates & surfaces including concrete, stone and manhole and inspection covers helping hide these effectively and maintain an equal level of skid resistance throughout the site.
- Suitable for new resurfaced sites working within existing traffic management and suitable for existing sites.
- Conforms to Clause 924 of the UK Specification for Highway Works and BS8870.
- Also available in bulk 250kg drums or small packs for small repairs associated with road reinstatement.

SAFETRACK® LM Line Marking.

Exceptionally hardwearing and cost-effective, SAFETRACK® LM is a cold applied line marking system that offers long-term durability and colour stability.

The system cures rapidly, can be applied all year round and retains its durability, reducing maintenance and disruption.

We also offer SAFETRACK® LM Retromax which is a solid road marking system incorporating reflective glass beads for added retro-reflectivity.



SAFETRACK® SC Coloured Surfacing.

Where a lower level of skid resistance combined with visible surface demarcation is required, SAFETRACK® SC provides the perfect long lasting system and is supplied in a range of vibrant colours.

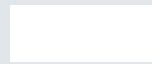
An ideal coating for a wide variety of car parking, segregated cycle lanes and pedestrian areas. The system has achieved a 'zero erosion index', providing a much higher level of performance for this type of application.



WHY CHOOSE SAFETRACK® LM

- Improved safety with higher retro reflectivity values and longer life.
- Strong bond to a wide range of substrates including concrete, block paving, stone and asphalt.
- BSI certified for use on the Highways Network.
- Available in bulk and patch packs to suit your needs.

White



Yellow



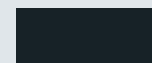
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WHY CHOOSE SAFETRACK® SC

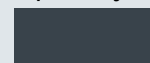
- MMA based Cold applied system for fast effective demarcation.
- Fast return to service, avoiding unnecessary disruption.
- Superior wear resistance for long lasting results and reduced maintenance costs.
- Long term fade resistance and UV stability.
- Extensive colour range and colour matching available to order.

For our full colour range please visit www.gcpat.com

Black



Asphalt Grey



Mid Grey



Road Red



Chrome Green



Capri Blue



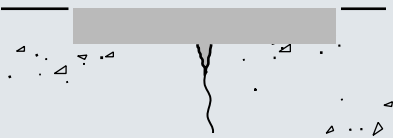
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Our crack & joint sealing systems for highway maintenance.

Since 2003 the HAPAS certification has recognised four types of crack repair systems.

Our full range of crack and joint sealing systems are a highly durable, long-lasting solution whatever the job.

INLAID SINGLE CRACK



Inlaid Single Crack Excavation of a single crack with material filling the area.

INLAID MULTIPLE CRACK



Inlaid Multiple Crack Excavation of multiple cracks with material filling the area.

OVERBAND



(Cracks / joints less than 5mm wide with a max band of 40mm) Stirling Lloyd are the only company to have approval in this category.

FILL AND OVERBAND



(Cracks / joints up to 40mm wide with a max Band of 200mm.

SAFETRACK® CRACK INFILL

Cracks and fretted joint infill systems to prevent water ingress..

SAFETRACK® OVERBANDING

Crack and seam overbanding system, with a non-reflective finish retaining long-term skid resistance.

SAFETRACK® INLAID ROAD REPAIR

Sealing system for reinstatement of cracks and slots in road surfaces.

The three systems recognised are HAPAS approved offer in-situ performance.

SAFETRACK® Crack Infill

A cold applied MMA based, fast curing system for long term repair of open or fretted joints in asphalt roads.

Ideal for the infill and sealing of open joints, seams and cracks in asphalt road surfaces. Designed to stop deterioration and extend the life of the road surface.



SAFETRACK® CRACK INFILL APPLICATION

WHY CHOOSE SAFETRACK® CRACK INFILL

- Minimal preparation, no planing out and easy to apply.
- Fast curing enables 30 minute return to service reducing disruption.
- Bulk and patch packs available.
- Anti-reflective.
- Seals roads safely with high wear resistance.
- retaining long-term skid resistance.



SAFETRACK® INLAID ROAD REPAIR APPLICATION



SAFETRACK® OVERBANDING APPLICATION

SAFETRACK® Inlaid Road Repair

A BBA Hapas Approved asphalt road repair system for the reinstatement of cracks, joints and slots.

in road surfaces. It has been developed specifically to minimise road closures and traffic management costs and can be installed across a wide temperature range, including below freezing.

WHY CHOOSE SAFETRACK® INLAID ROAD REPAIR

- For road/rail interface for light rail / tram projects.
- Resists deformation and rutting under traffic load.
- Compatible with a wide range of surface dressings.
- Width of repair can be varied to suit application.
- Extends the life of the asphalt.
- Simple and economical to apply.
- Excellent retention of skid resistance.

SAFETRACK® Overbanding

A versatile and robust BBA Hapas Approved solution designed for overbanding of cracks in asphalt and concrete substrates and cracks between reinstatement materials and the existing road. Ideally suited for the sealing of reinstatements and infilling of fretted joints in Asphalt pavements.

WHY CHOOSE SAFETRACK® OVERBANDING

- The only system available to offer a high skid resistance throughout its working life.
- Exceptional resistance to wear, withstanding the insistent abrasion caused by high volume traffic.
- Resistant to most common chemicals, fuels and oils.
- Width can be varied to suit application.
- Extends the life of asphalt.
- Non-reflective finish for safety.
- Simple and economical to apply.

Effective and long-lasting cycle track solutions.

Growth in the global popularity of cycling is putting extra pressure on councils and agencies to develop and maintain new and existing infrastructure. Proper maintenance is essential if a cycle route is to remain attractive and above all safe to users.

We have worked together with TFL, TRL and Jacobs, ensuring our cycle track solutions are optimised for the specific projects ensuring the appropriate durability, skid and slip resistance and colour demarcation to deliver safe, long lasting and attractive cycle routes.

Our solutions have a long history of success in cycle track schemes across the country.

SAFETRACK® CT

Safetrack CT is a fast curing resin screed based on Stirling Lloyd's advanced Esselac technology and extensive experience in the development of high performance coatings for Highways. Providing exceptional durability, Safetrack CT has been designed to meet the demands of extreme traffic environments in urban areas.

SAFETRACK® SC

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.

MAJOR PROJECTS

Leeds-Bradford Cycle Superhighway

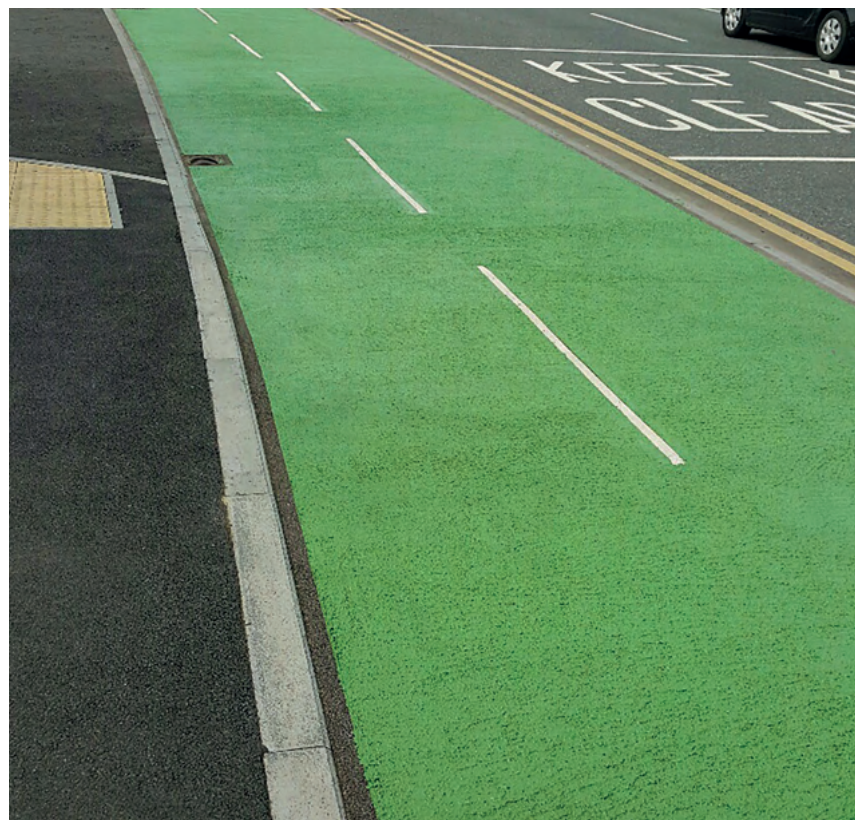
As part of the City Connect scheme GCP supplied 9,600m² of SAFETRACK® SC and HW to encourage more people to cycle as part of everyday journeys. One of the major considerations was junctions, ensuring clear demarcation for not only cyclists, but pedestrians and drivers, creating safer roads.

Salford Cycle Route

2,000m² of coloured surfacing was chosen as part of the Cycle City Ambition Grant, which awarded to Greater Manchester to improve the city's vision for a healthy, safer, sustainable city region where people want to live and work, making cycling an everyday form of transport.

Madeira Drive - Brighton

5400m² of Safetrack SC Chrome Green installed along the seafront in 2021 the seafront to help with Active Travel in the city.



SAFETRACK® SC & CT

CYCLE TRACK SURFACING.

Our cycle track surfacing solutions offer colour demarcation and a high skid resistant surface, while providing long lasting results. SAFETRACK® CT and SAFETRACK® SC work together to provide the appropriate skid resistance, wearing surface and colour demarcation.



WHY CHOOSE SAFETRACK® SC & CT

- MMA based Cold applied system for fast effective demarcation.
- Fast return to service, avoiding unnecessary disruption.
- Superior wear resistance for long lasting results and reduced maintenance cost.
- Long term UV colour stability.
- Colour matching available to order.

For our full colour range please visit www.gcpat.com

Black	Asphalt Grey	Mid Grey
Road Red	Chrome Green	Capri Blue

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SAFETRACK® for reinstatement and post utility works.

Utility work on highways is unavoidable, but openings made create weak points prone to pot-holing. If left, there is a high risk of further degradation and the requirement for more extensive repair. GCP's SAFETRACK® range provides the perfect solution to complete reinstatement work in accordance with SROH (Specification for the Reinstatement of Openings in Highways).

Permit Schemes, now being embedded across the UK, make it increasingly important for utility companies to use their road space booking effectively. Current practice is to make a second booking to complete specialist applications and repair – adding cost, time and disruption. SAFETRACK® Overbanding, Lining, High Friction and Coloured surfacing all offer fast, convenient, long lasting and cost effective solutions, removing the requirement for a second booking. All SAFETRACK® products are fully compatible with each other, meaning any missing anti-skid or overband can be completed in one go – saving the need for costly return visits.

Fast, effective and long-lasting highway reinstatement.



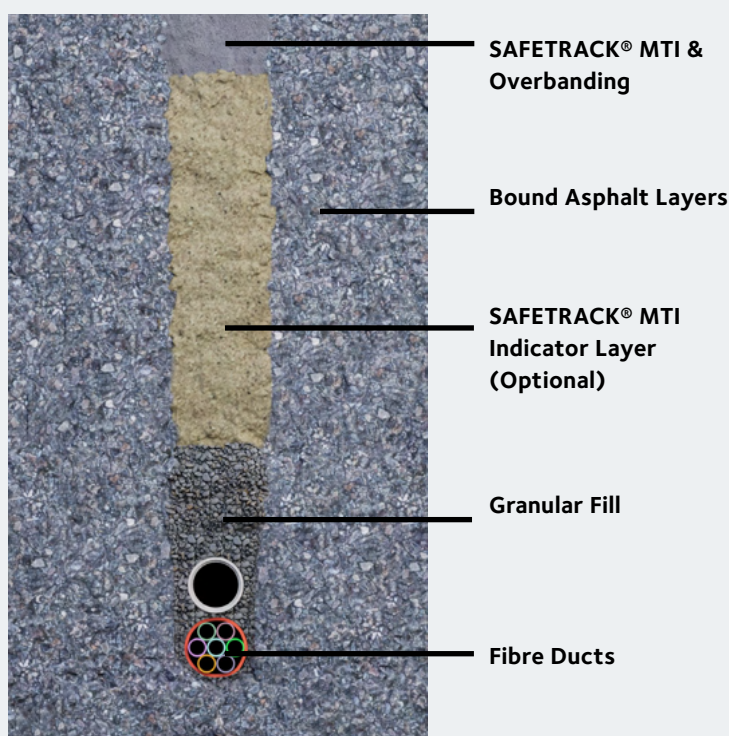
HIGHWAY REINSTATEMENT WORKS

SAFETRACK® MTI FOR MICROTRENCHING

SAFETRACK® MTI microtrenching solution for the installation of utilities such as fibre optic cables, water pipes, gas lines and electric vehicle charging points.

SAFETRACK® MTI is a simple and permanent reinstatement solution which is approved by BBA HAPAS and meets the requirements of the 4th Edition of the SROH. The quick and easy application process of SAFETRACK® MTI, enables fibre deployments that lower plant costs, limit road closures, avoid hot works, and reduce waste to tip and costly tip fees.

SAFETRACK® MTI is designed to meet the specific requirements of microtrench reinstatement and approved by the BBA specifically for this application. It has a successful track record of over 10 year.



Whatever your needs or sector, we have a solution.

Our SAFETRACK® products are suitable for both repair and maintenance, as well as large scale renovation and new build projects.

PRODUCTS	SURFACING	CRACK & JOINT	CYCLE TRACKS	UTILITIES
SAFETRACK® HW	●		●	●
SAFETRACK® LM	●		●	
SAFETRACK® SC	●		●	●
SAFETRACK® CT	●		●	●
SAFETRACK® OVERBANDING		●	●	
SAFETRACK® CRACK INFILL		●	●	

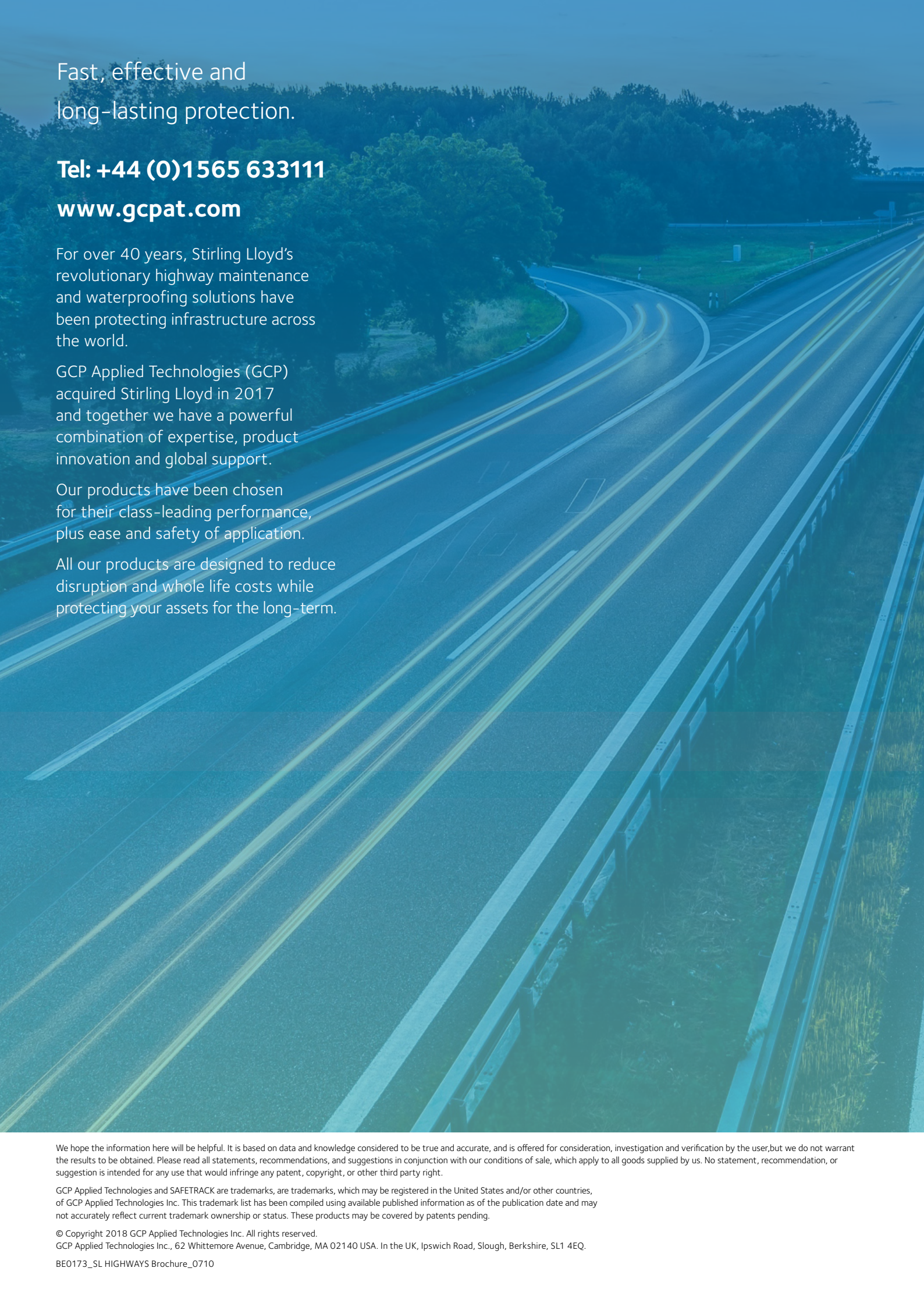
High adhesion values to a wide range of substrates.

All of our solutions use GCP's advanced ESSELAC® resin technology to promote high adhesion values. These values provide long-lasting protection and results, giving you peace of mind.

SUBSTRATE	ADHESION VALUE
ASPHALT	0.5 MPa
CONCRETE	>1.0 MPa
GRANITE	>3.0 MPa
PORPHYRY	>3.0 MPa
SANDSTONE	2.8 MPa
SLATE	>1.25 MPa
STEEL	>5.5 MPa

We are inspired to influence the way the world is built.

For more information, please visit www.gcpat.com



Fast, effective and
long-lasting protection.

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www.gcpat.com

For over 40 years, Stirling Lloyd's revolutionary highway maintenance and waterproofing solutions have been protecting infrastructure across the world.

GCP Applied Technologies (GCP) acquired Stirling Lloyd in 2017 and together we have a powerful combination of expertise, product innovation and global support.

Our products have been chosen for their class-leading performance, plus ease and safety of application.

All our products are designed to reduce disruption and whole life costs while protecting your assets for the long-term.

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 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.

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