

The busiest circuits trust Jointline

# Motorsports Lining & Civils



Safely Marking  
The Way Ahead  
[jointline.co.uk](http://jointline.co.uk)





# Working safely on the world's busiest circuits

Every circuit and project is unique. We work with each client to tailor the broad range of line marking, civils and surface preparation services that we offer to deliver the best solution for the programme of works.

In our 30-year history, we have built up a broad and deep knowledge base and are renowned for our expertise and market-leading project delivery. This is why we are trusted by motorsport organisations and the biggest names in commercial construction across the UK and the rest of the world.

As one of the country's leading independent civils, surfacing and line marking companies, we are able to offer a variety of services, ranging from circuit markings and maintenance, civils, anti-skid surfacing, surface grooving and various methods of line removal.

Our in-house fleet of vehicles includes thermoplastic lorries, paint machines, mobile marking vehicles, grooving machines and high-pressure water (hydroblasting) services.

With branches throughout the UK Jointline are able to provide nationwide and global coverage to the highest industry standards. With all operatives holding CSCS cards and being NVQ qualified, our customers are assured that we offer an unrivalled, fully guaranteed service.



# Circuit Line Marking

Jointline has vast experience in circuit line marking, and we continue to be a market leader for the circuits across the globe.

Line marking is an essential element of the circuit infrastructure, from full circuit markings to delineation of pit lane markings, or identifying any potential hazards. Jointline's experienced staff have the knowledge and expertise, along with state of the art equipment to implement surface markings which comply with strict regulations.

We specialise in single pack epoxy and chlorinated rubber materials that are used in conjunction with calcined flint to enhance the friction values of the markings. These are used in place of traditional line marking materials such as thermoplastic, as they present a much less risk in the prevention of foreign object debris (FOD).

We invest heavily in the most up-to-date equipment to ensure we are capable of applying large volumes of material within the restricted windows of opportunity when required. Key to the implementation of new layouts or changes on track Jointline has a range of removal techniques that can be used that comply with necessary requirements.







# Painted Systems

Jointline has the extensive knowledge to deliver the best solution for your needs.

We have several types of painted systems which can be applied to create track markings. We decide with our client the best paint system to use taking budget, place of application and desired longevity into account. Our paint systems are often applied using specialist spray equipment or by traditional mask and roll techniques.

## **Epoxy Paint and Chlorinated Rubber Paint**

Epoxy Paint and Chlorinated rubber paint can both be spray or hand applied. They are both relatively quick curing, can be applied in various colours and onto a range of surfaces.

## **MMA (Methyl Methacrylate) Line Markings**

MMA (Methyl Methacrylate) is a 2 part cold applied resin. MMA cures very quickly so the site can return to normal service very quickly after application. It is an extremely durable product and as such is ideal for use in very high stress locations where extreme wear is expected such as circuits, pit lanes and access roads with very heavy traffic. It can be applied by hand or machine.

## **Two Pack Epoxy Line Markings**

Two Pack Epoxy is a two component product consisting of one part epoxy resin and one part polyamine hardener which are mixed, along with desired pigment prior to application. Because of the resin content 2 pack epoxy is extremely hard wearing and can withstand harsh chemical spills. As a result two pack epoxy paint is suitable for use where heavy traffic will occur such as garages and car parks.

## **Anti-Slip Paint Systems**

Depending on the setting of your job you can increase the safety for its users by mixing aggregate into the paint when line marking to create an Anti-Slip paint system. This serves to create a rough surface finish to the line and increases the anti-slip characteristics of the paint. This is particularly useful in settings with heavy pedestrian footfall and also on ramped surfaces to increase the grip of the surface for support vehicles.

## **Water Based Systems**

Water based acrylic line marking paint penetrates deeply into the substrate creating a virtually seamless finish and can withstand intense wear. It is relatively fast drying, low odour and is available in a range of colours.

# Surface Construction & Repairs

Jointline are the motorsport specialist for surface construction, preparation and repair.

Surface construction, roadways and rehabilitation projects are one of the most complex and challenging tasks that can be undertaken. Jointline has years of experience in this area, which makes it well-equipped to tackle even the most difficult projects. In fact, many of Jointline's clients regard its surface construction services as some of the best in the business.

Services that Joinline offer include:

## **Engineered Surfacing:**

Recognising the far-reaching consequences of surface degradation, including diminished property value, escalated maintenance expenses, and heightened safety risks, Jointline offers engineered surfacing solutions. These interventions enhance the aesthetic appeal, durability, and overall functionality of surfaces, mitigating adverse effects associated with wear and tear.

## **Glass Grid Reinforcement:**

In addressing the challenge of reflective cracking in asphalt, particularly in high-traffic areas exposed to sunlight, Jointline employs glass grid reinforcement. This method proves highly effective in controlling cracking, ensuring the longevity and reliability of the asphalt surface under demanding conditions.











# Overbanding

Jointline can protect your surfaces with our HAPAS approved materials.

Overbanding is a process used to seal cracks on the track, road or surface which may be:

- Spontaneous from wear and tear and require repair; or
- Where works have been carried out and the joint between the old surface and new surface need sealing

Overbanding these cracks is vital and serves to prevent damage and surface fretting from water, dirt or spillage penetration. Overbanding effectively seals the joint and overlaps the two sides of the join up to 200mm. This ensures that nothing can get into the crack and further degrade the surface.

Overbanding these cracks is vital and serves to prevent:

1. Using hot applied Bituminous material to seal and overband the crack
2. Using cold applied resins

The method chosen will depend on the project characteristics; the type of materials either side of the crack to be overbanded and how the surface is used i.e. car park versus race track.

For circuit use Jointline use SAFETRACK® overbanding. A HAPAS approved liquid, cold-applied, fast curing overbanding system based on GCP Applied Technologies unique ESSELAC advanced resin technology.

SAFETRACK® is used on motorsport surfaces due to its quick application, long service life, non-reflective & skid resistant finish and rapid cure that allows the track to be returned to service in minimal time.

Jointline take health & safety very seriously and both of their overbanding methods are HAPAS approved, with high skid resistance values necessary to conform to requirements. This helps prevent any road and track users from slipping or skidding on the overbanded area particularly in wet conditions.



# Internal Line Marking

Jointline has the experience to deliver a first class service whilst minimising disruption.

Jointline has extensive experience in carrying out internal line marking in locations such as pit lane garages, workshops and car parks.

We realise that time is of the essence when carrying out these works. We will work with you to reduce downtime for the area in question so that it can return to service as quickly as possible, keeping disruption to a minimum.

## **Instant UV Cure Coatings**

Some places never get a rest. In areas of high activity of vehicles and personnel, installing floor markings is a challenge. After years of research, a ground-breaking innovation has now arrived: a rapid action floor coating that is fully UV cured and 100% load resistant, immediately after installation. Minimum disturbance, maximum time efficiency.

With minimal work area downtime, new line markings are fully load resistant both chemically and mechanically within minutes. The ultimate solution for pit lane garages, workshops and storage areas. With SolidLux, every floor can be treated rapidly to meet relevant safety and workplace standards with only a minimum of disturbance.

## **Advantages of Instant UV cure**

- Significant time gains
- Evacuation or shut-down not necessary in most cases
- Minimum or no delays or loss of turnover
- Available in 7 vibrant colours
- Instantly resistant to mechanical and chemical impact
- Suitable for indoors and outdoors
- Anti-slip finish available
- No taint

## **Epoxy Resin Flooring Systems**

Any of our painted line marking systems can be used for internal line marking. However, we can install and mark up epoxy resin-based flooring systems for the whole site. Epoxy resin flooring systems are hard wearing, easy to clean, have anti-static properties and are in some sectors, particularly the food industry, a must from a health & safety and hygiene point of view. Not only can we install your complete epoxy resin flooring system but are happy to be on hand to perform on-going maintenance.







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# Thermoplastic Line Marking

Jointline are the market leaders in the application of thermoplastic markings.

Jointline are experts in the field of Thermoplastic Line Marking and are fully approved to Highways Sector Scheme 7. We have satisfied customers including National Highways, Heathrow Airport and Waitrose to name but a few.

Thermoplastic Line Marking involves the heating of raw thermoplastic binder with the desired colour pigment until it becomes liquified and able to be shaped onto the surface in either line or symbol form. Ballotini (glass beads) can be applied to the markings to enhance the retro-reflectivity, so they can easily be seen at night through reflection from car head lights; this also can assist in the antislip nature of the product. Thermoplastic is available in various colours, levels of luminance, skid resistance and reflectivity. Hot applied thermoplastic line markings are extremely durable and long lasting; they are the UK's preferred road marking material.

Some of the ways in which thermoplastic line marking can be applied are:

## **Screed Application**

The screed application is achieved by pouring the thermoplastic material through a heated screed mould or 'line marking pram' shoe. By selecting different sized moulds or shoe, the material can be applied at different widths to suit. Screed application is typically tailored to low output usage, such as hand applied items such as pedestrian crossings, arrows and lettering or to areas where the bigger truck mounted application is not practical.

## **Extrusion Application**

Surface degradation can have a number of negative effects for the road user. The Extrusion application uses our purpose built, self propelled vehicles and highly trained staff to apply hot thermoplastic through a gate opening. This produces a consistent line of pre-determined width and depth onto the prepared road surface. Glass beads, which create a reflective quality, are automatically applied in this one-pass process. The Extrusion Marking system is perfect for high output application such as on major roadways and for traffic lane delineation.

Whatever your line marking requirements we are happy to discuss them with you and work with you to provide a quotation and line marking solution perfect for the job in hand.

# Meet the Team

Our senior management team, experts in civil engineering, line marking, and construction/maintenance, collectively ensure precision and excellence in our operations.



## **Gary Massey**

Managing Director

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Gary has over 30 years of contracting experience within civil engineering, highways and public realm construction sectors.

His last 10 years have been spent at board level, influencing decision making and forward strategy within business units to improve profits and pipeline opportunities.

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## Will Meddings

CFO

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With over 20 years of experience in the field, Will is a Chartered Accountant accredited by the ICAEW. His career, initiated at KPMG Corporate Finance, transitioned to the industry, where he has held multiple Director-level positions. Will works closely with Gary to offer strategic support and direction.

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## Matt Ragless

Head of Airfield & Lining

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Matt oversees motorsport and airfield line marking, ensuring compliance with safety standards. He also manages internal line marking for enhanced safety and efficiency within warehouse, manufacturing plants and distribution facilities.

**Matt is the main point of contact for all Formula E enquiries.**

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Mobile: 07795 657 664

Email: matt.ragless@jointline.co.uk



## Simon Chambers

Head of Construction

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Simon oversees and manages our construction projects. With a deep understanding of civil engineering and extensive experience, he ensures our commercial and motorsport construction projects meet industry standards for safety and quality.

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## Mark Garrad

Head of Highways

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Mark oversees road infrastructure projects, focusing on safety and efficiency. He manages our line marking and high friction surfacing operations to meet regulatory standards and enhance road safety. Mark's leadership drives innovation in our department, ensuring smooth road functionality.

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