

MONOPATCH

Single process, cold, surface repair system



The **Monopatch** repair system has been derived from the ability to create a grouted macadam system mixed completely in the asphalt batching plant, having the freedom to be laid in one process (see **MonoConfalt**). Using unique asphalt and concrete techniques and traditional equipment thus makes it ideal for pothole repair.

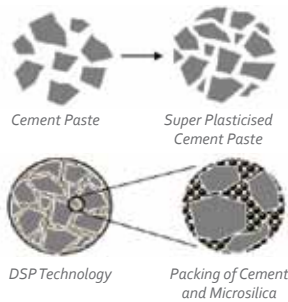
- Jointless
- Impermeable
- Rapid curing
- Internal & External
- Adjustable Strengths
- High chemical resistance
- New Build & Refurbishment
- Resistance to Deformation & Rutting
- Ultra high compressive strengths
- Freeze thaw resistance
- Fast track installation
- DIY Kits available

A number of technical advantages are claimed for **MonoPatch** compared to traditional materials. The properties of the mix can be changed to be more flexible with lower compressive strength by increasing the bitumen amount, alternately to a more stiff concrete-like system by increasing the powder amount. Laboratory testing has proven it possible to reach between 5-65N/mm² with this system, practically materials with properties of 15-27 N/mm² can be laid at small areas joint-free, the compressive strength of the binder alone is 100 N/mm². **MonoPatch** can also be laid onto asphalt, CBM and concrete.



Over the years CiP Ltd have built various relationships nationally and internationally to ensure we remain a leading industrial flooring specialist. Danish partners Contec APS are the market leader specialising in high strength flooring systems and microsilica based cementitious mortars, representing the most advanced ultra high performance concrete (UHPC) technology, namely DSP technology.

The densified packing of homogeneously arranged ultra fine particles has been the key to obtaining higher strengths from cementitious materials by utilising a low water-cement ratio while preserving the workability and compaction properties of the mix. CiP also partner Lafarge Construction Solutions Ltd (LCS) on larger schemes and bring together 15 years of CiP expertise with the technical and operational resources of Lafarge.



CiP also offer the following services;

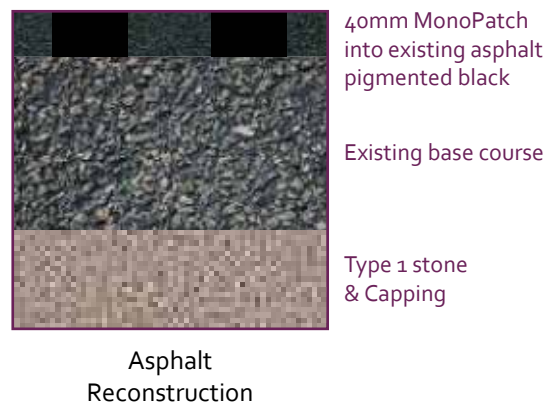
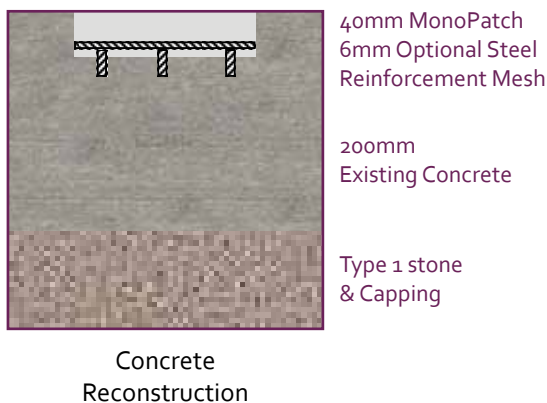
- Site Visits
- Samples
- Project Designs
- Lunchtime CPD Presentations
- Technical & Product Advice
- Budget Costs & Proposals

Areas of application;

- Airports & Airfields
- Ports & Harbours
- Waste Management
- Manufacturing
- Petrol/Fuel Zones
- Warehouse & Distribution
- Bus Stations & Depots
- Retail
- Decorative
- Chemical Plants

Monosystem is mixed with clean water at a ratio of 5-6% of the dry weight of the material. (25KG of Monosystem = 1.25-1.5 litres of water) accelerator may be added during mixing at a rate of 0.5%>2% depending on how rapid hardening is required. Small amounts can be mixed with a drill/paddle mixer, a forced action pan mixer or a conventional site mixer is more suitable for larger repairs.

Typical design construction;



For any further information on any of our products and services visit www.cipltd.co.uk, email us: sales@cipltd.co.uk or contact us on 01480 216800 and our sales and technical team will be happy to assist you further.