

CONFALT

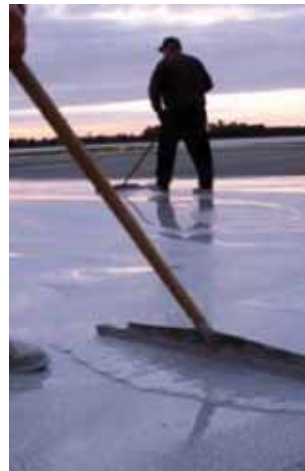
A jointless semi-flexible high strength wearing course



The **Confalt** Grouted Macadam system is an extremely hard wearing surface course with a high resistance to deformation, degradation and wear. **Confalt** can be installed onto almost any new or existing base, from cement stabilised gravel to asphalt, concrete and blocks.

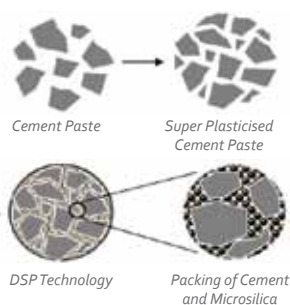
- Jointless
- Semi flexible
- Impermeable
- 24 hour curing
- Internal & External
- High chemical resistance
- New Build & Refurbishment
- Resistance to Deformation & Rutting
- High compressive strength
- Freeze thaw resistance
- Fast track installation via 2 part process
- Reduced design depths

The system is nominally laid between 30-40 mm, but can be increased up to 100mm. The open graded asphalt is laid traditionally and tipper fed via paving machines. The mortars are supplied in 1t bags or 30t silos, mixed with a low water/powder ratio and poured evenly onto the open graded asphalt, penetrating the 25-30% voids. The surface can be finished in various ways and is available for trafficking within 24 hours.



Over the years CiP Ltd have built various relationships nationally and internationally to ensure we remain a leading Grouted Macadam 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. Confalt is rebranded as Axoconfalt and brings together 15 years of CiP expertise with the technical and operational resources of Lafarge.

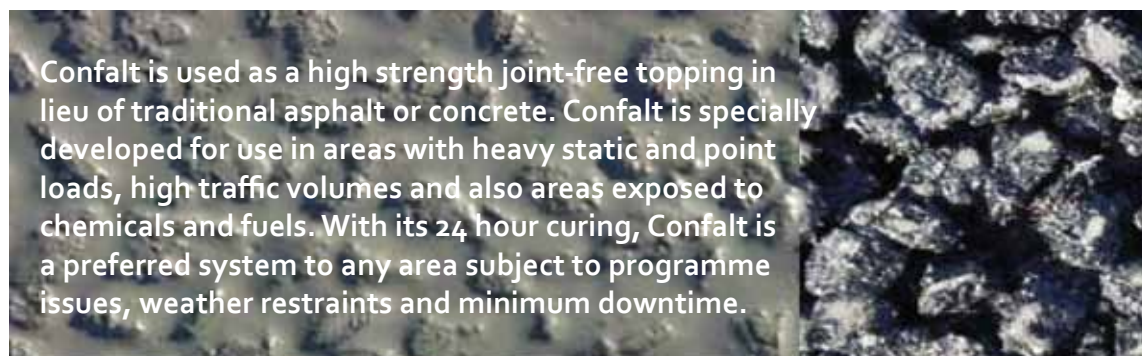


CiP also offer the following services;

- 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



Confalt is used as a high strength joint-free topping in lieu of traditional asphalt or concrete. Confalt is specially developed for use in areas with heavy static and point loads, high traffic volumes and also areas exposed to chemicals and fuels. With its 24 hour curing, Confalt is a preferred system to any area subject to programme issues, weather restraints and minimum downtime.

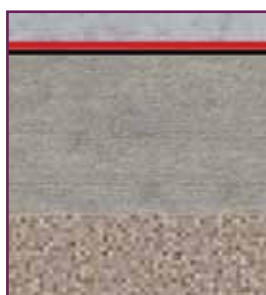
Typical Design options;

New build construction



- 40mm Confalt
- 60mm AC 20mm Binder
- 140mm AC
32mm Base Course
- Type 1 stone & Capping

Refurbishment construction



- 40mm Confalt
- Optional SAMI
(Stress Absorbing Membrane Interface)
- 200mm Existing
Reinforced Concrete
- Type 1 stone & Capping

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.