

FERROPLAN

Indestructible, anchored, high strength toppings



Our **Ferroplan** industrial floor consists of a blend of ultra high strength cement based mortars, aggregates, steel fibres and optional crack stop fibres that mix with water to give a stiff mortar. It can be laid at depths of 20-50mm with one or two layers of reinforcement mesh. Various colours and finishes are also available.

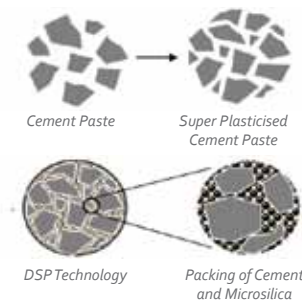
- Extreme high tensile strength compared to traditional concrete
- Very high impact resistance and ductility (E-modulus 55.000)
- Particularly good resistance to chemicals and thermal strain
- Freeze thaw resistant
- Adjustable in colour and strength to the customer's requirements
- Final strengths of 120-220N/mm²
- Can be applied thin on even the weakest base courses
- A high content of steel and fibres give a superior resistance to chemicals, oils, grease and acids etc.
- Resists heated liquids or steam up to 420C
- Meets a strength of 40-60N/mm²
- Jointless-ness prohibits damages on trucks, loads and loss of material

Ideal for areas subject to point loads and heavy or constant traffic, internal or external, new build and as an overlay the **Ferroplan** system is a perfect solution for failed industrial floors. At new build where the sub base is in critical conditions Ferroplan is the ideal system. At rehabilitations **Ferroplan** is carpeted on the existing base of concrete, asphalt, wood or steel. In this situation **Ferroplan** is replacing the traditional concrete topping that has given up due to demanding daily strain or because it has been decomposed by chemicals, oil or by continuous mechanical stress from plant, fork lifts etc.



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 bringing together 15 years of CiP expertise with the technical and operational resources of Lafarge.

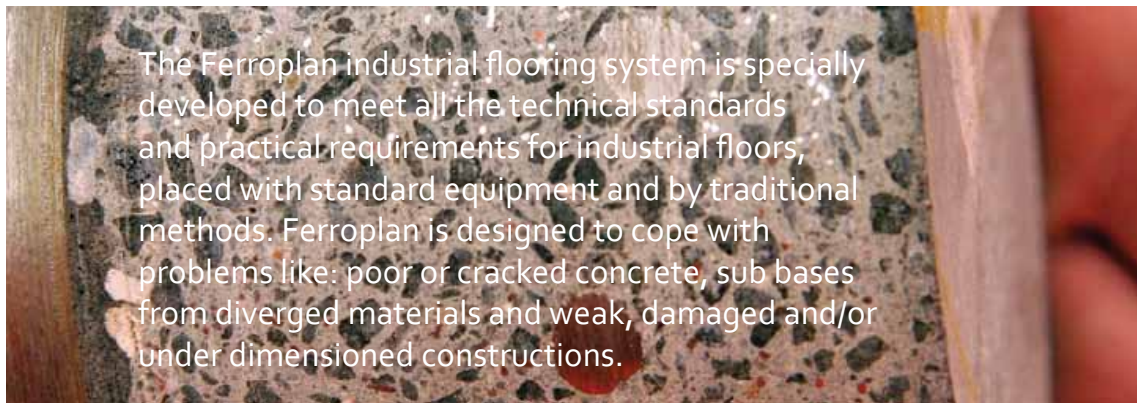


CiP also offer the following services;

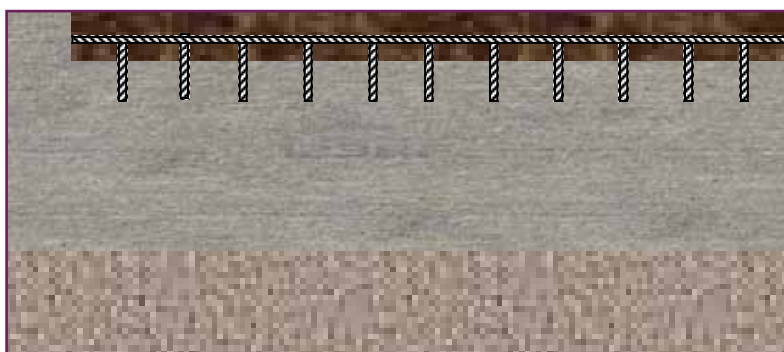
- Site Visits
- Samples
- Project Designs
- Lunchtime CPD Presentations
- Technical & Product Advice
- Budget Costs & Proposals

Areas of application;

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



Typical design construction;



40mm Ferroplan
6mm Steel Reinforcement Mesh

200mm Existing Concrete

Type 1 stone & Capping

Refurbishment
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.