

Case Study: Seamless Flooring Systems

Durable Epoxy Resin Flooring for Plant Manufacturer

Client: Midlands-based construction plant manufacturer

Project: Storage Areas

Project Value: £24,000

Product Used: Vebro

Area Coverage: 1,400 square metres

Completion: Early August 2026

Project Duration: 7 days

Client Requirements

A leading Midlands-based manufacturer of construction plant required a durable new flooring system for 1,400m² of storage and operational space.

The floor needed to withstand the demands of a busy manufacturing environment while providing clearly defined pedestrian routes, crossings and designated pallet storage areas. Thorough preparation and repair of the existing substrate was also required to create a strong foundation for the new resin flooring system.

Overview of Works

Zenith began by preparing the existing floor using orbital diamond grinding under vacuum, removing surface contamination and creating the optimum profile for adhesion. Minor areas of damage were then repaired using epoxy resin mortar to provide a sound and consistent substrate.



Further details can be found on the following page.

Following preparation, one coat of an oil-tolerant epoxy resin primer was applied before the installation of two coats of a high-build Vebro epoxy resin coating. The finished system provides a durable, hard-wearing surface designed to withstand the demands of the manufacturing environment.

As part of the works, our team also completed detailed setting out and masking to create dedicated pedestrian gangways with yellow line markings, zebra crossings and clearly designated pallet storage areas.

Features & Benefits

The flooring system and associated line marking provided a number of practical benefits for the facility:

Orbital diamond grinding	Thorough preparation for improved coating adhesion
Epoxy resin mortar repairs	Restored damaged areas and created a sound substrate
Oil-tolerant epoxy primer	Improved adhesion within a demanding industrial environment
High-build epoxy resin coating	Durable, hard-wearing finish suitable for regular industrial use
Pedestrian gangways	Clearly defined routes to support safer movement around the facility
Zebra crossings	Improved visibility at designated pedestrian crossing points
Pedestrian gangways	Clearly organised storage areas for improved site management

Outcome

The completed floor provides the client with a durable, professional and clearly organised working environment suited to the demands of a busy construction plant manufacturing facility.

Despite the scale of the 1,400m² project and the detailed line marking required, all works were successfully completed within the seven-day programme and within the agreed £24,000 budget.

Contact

For more information, please call us on 024 7668 7167 or email info@zenithcontractservices.co.uk



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