



CONCRETE GRINDING LTD

Global Flooring Solutions



High-Quality Joint Repairs Aid Warehouse Efficiency

Specialist materials and expertise from the Concrete Grinding Group are ensuring successful long-term repair of floor joints and maintaining efficiency in MFI's 63,000m² national distribution centre in Northampton.

Several types of materials handling equipment have been used since the DC opened 24 years ago, including four-tonne-capacity powered pallet movers, which have caused many of the original floor joints to fail. For many years MFI used its own staff or non-specialist contractors to carry out the repairs, but these seldom lasted long, according to the head of the materials handling equipment department, John Cornish.

'Floor joints that fail and have to be repeatedly repaired can badly affect the efficiency of the

warehouse, which is very busy and an extremely important part of MFI operations', he said.

Seven years ago MFI called in Concrete Grinding to do the work, and the first joints repaired then are still sound. CG's specialist repair team is currently carrying out a large-scale programme in the warehouse as part of a major re-fit involving new racking, sprinkler systems and lighting to make the floor suitable for VNA trucks and wire-guided equipment.

The contract is being carried out using appropriate high-quality materials to suit each problem area, explained CG Managing Director, Kevin Dare. When joints are too wide or the edges are damaged, high-quality epoxy mortar, rather than standard cementitious mortar, is first used to re-build the concrete slab. The

new joint opening is then filled to the full depth of the repair with semi-rigid sealant, which allows the correct amount of movement while protecting the edges.

Each repaired joint is ground flat after curing to ensure a completely even surface which allows materials handling equipment to be used at optimum



Client: MFI UK
Concrete Grinding
Solution: Joint repairs
Floor Area: 63,000m²

travel speeds and also reduces impact on the slab edges, so that both these are less likely to be damaged.

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