



CONCRETE GRINDING LTD

Global Flooring Solutions



Fast, Low-Cost Floor Joint Repair

The specialist joint repair division of Concrete Grinding (UK) Ltd has successfully repaired the two main 24-metre transverse construction joints in a 2000m² concrete floor slab in a single week-end and at a much lower cost than alternative methods.



beneath them, cutting back the joint arrises to a depth of 50mm and then re-building the joints with a high-performance epoxy mortar. Finally, the joints were re-cut in the same position as before, filled with a semi-rigid compound, then ground to ensure a completely even surface and sealed.

Uneven joints between the three sections of the floor slab in the warehouse at Milton Keynes run by furniture fittings distributor Blum UK were causing the wire-guided man-up trucks to frequently malfunction. CG(UK) confirmed that localised sub-base compression related to the failure of the load transfer system between the slabs was

the fundamental cause.

Blum UK had considered carrying out major structural repairs to the slabs, which would have taken at least six week-ends and been very disruptive and expensive. CG(UK)'s solution was to stabilise the joint edges by pumping a high-strength resin foam into the void

The whole contract was successfully completed in one week-end, which was much quicker, cheaper and less disruptive than the alternative procedure.

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Client: Blum UK
Concrete Grinding
Solution: Joint Repairs



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