

Case Study

Mallard Road (Homebase)

Bournemouth, Dorset



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The renovation, repair, alteration and conversion of a former grade II listed bus depot and redundant bus wash building required extensive concrete repairs in order to create new retail outlets at Mallard Road, Bournemouth.

The former bus depot was built in the 1950's and had the largest single span concrete roof in Europe at the time of building, hence its listed status. The project involved areas of demolition and repair of the building, before converting into a Homebase DIY superstore.

Both the Emaco® Nanocrete new generation of concrete repair mortars, which meet EN 1504 and significantly reduce measured shrinkage and cracking, and Protectosil® CIT, an advanced organofunctional silane-based corrosion inhibitor, were specified.

With the large 8,000 square metre soffit, cherry pickers were used to undertake the hammer test using qualified technicians, to sound the concrete to find any voids that were there. The challenge lay in working around other trades in uninterrupted space to carry out the extensive concrete repairs.

Southern Concrete Services, working with BASF, secured the contract which took around three months to complete. The £11.6m contract to carry out the full refurbishment was handled by main contractor Dean & Dyball and consulting engineers were Cameron Taylor.

Project Outline

Application:

Concrete Repair

Main contractor:

Dean & Dyball

Engineer:

Cameron Taylor, Bristol

Supplier:

BASF