



Case Study

Lady of Lourdes Church



Having previously carried out specialist concrete repairs and coatings to the buildings external window frame surrounds in 2012, **Cemplas Waterproofing and Concrete Repairs Ltd** were asked back in 2014 to inspect a defective concrete soffit to one of the rooms in the Church.

Cemplas surveyors assessed the repair works required, and prior to undertaking any remedial works undertook testing of

the concrete for any indications of carbonation or chloride contamination.

The survey concluded that the reason for the spalling concrete was due to water ingress from the flat roof above which had been sealed by the Church prior to us surveying the soffit.

Cemplas operatives removed all defective concrete taking it back to a sound substrate and ensuring to break out behind the steel reinforcement bars to fully expose in preparation for protective treatment. All areas around the defective were square cut to avoid feather edging and all steel reinforcement bars were primed with Weber.cote Keycoat rust inhibiting primer.

Cemplas then primed the existing concrete substrate using Weber.cote Keycoat and reinstated all areas using Weber.cem Lightweight Repair mortar.

After all the Concrete repairs had been completed, Cemplas completed the works by applying a plaster finish followed by decorative



paint coating to match in with the rest of the untouched soffit.

Formed in 1969 and one of the top specialist contractors based in the UK, Cemplas will reliably and accurately identify problems and recommend the most appropriate structural treatments and concrete repairs. Our focus at Cemplas is to exceed our client's expectations and engender confidence and

respect for our people and our skills by acting honestly, fairly and truthfully with a structure capable of running multidisciplinary projects incorporating a wide variety of trade activities as well as the ones we specialise and undertake ourselves.

To view the previous case studies of specialist works undertaken by Cemplas, please visit www.cemplas.co.uk.

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