



Building together

# PROJECT CASE STUDY

## All Saints Church Hanworth



Hybrid-Detailing with our PMMA Resin



The Refurbished All Saints Church



The Existing Roof at the End of Its Service Life

A roof is a silent defender of many important spaces. Often it's forgotten but continues to serve faithfully throughout its service life regardless. But when the time comes at the end of its service life problems can begin to manifest internally. Rainwater starts to make its way into the building and before long can lead to damp patches, stained ceiling tiles and mould growth are all too common.

That's exactly what had happened to this church in Hanworth. In partnership with our Premier Contractor, DANOSA provided a specification which would provide at least another 20 years of waterproofing service which was backed by our DANOSA-assured insurance-backed warranty for 20 years.

Careful consideration was required because of intricate detailing involved, much of which was curved on plan to suit the church architecture. Unfortunately, in some of these curved on plan areas, there were weaknesses in the inherent design and our Technical team were called for some specialist advice.

DANOSA offer a single point warranty for our projects and so several solutions can be used to form hybrid details without compromising the warranty. For this project our fast-drying PMMA liquid waterproofing was utilised for these situations.

Our PMMA liquid fully bonds to the substrate is applied to, removing the need for sealants and other maintenance considerations required with many other products.

### KEY FACTS

Construction Type: Refurbishment  
Cold Roof

Sector: Place of Worship

Approx. Size: 820m<sup>2</sup>

Warranty Period: 20 Years

### WATERPROOFING SYSTEM

POLYDAN 180-60/GP ELAST+

### PREMIER CONTRACTOR

AR Roofing Limited

[www.ar-roofing.co.uk](http://www.ar-roofing.co.uk)

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