

# BELZONA REPAIRS DOME ROOF

ID: 6336

Industry: Buildings & Structures  
Application: RPA-Roof Problem Areas  
Substrate: Zinc  
Products: \* Belzona 1121 (Super XL-Metal) Belzona 3111 (Flexible Membrane) ,

Customer Location: Mosque, Woking, UK  
Application Date: September 2016

## Problem

The dome was showing signs of ageing and there were a large number of holes around its circumference.



## Photograph Descriptions

\* 1, Extent of the damage 2, Damaged zinc dome rebuilt with Belzona 1121 3, Belzona 3111 applied 4, Completed application prior to the removal of the scaffolding ,

## Application Situation

The mosque was built in 1889 as one of the first mosques in Western Europe and is a Grade II\* listed building.

## Application Method

Belzona 1121 (Super XL-Metal) was used to rebuild any through-wall defects on the dome incorporating wire mesh to rebuild and reinforce the damaged areas. Once cured, the areas were re-profiled to the original state. Once damaged areas had been repaired Belzona 3111 system was applied in accordance with Belzona Know-How System Leaflet RPA-7 to provide long-term roof protection and waterproofing.

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FS 695214  
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## Belzona Facts

The application was completed over the course of 9 days. The client is planning on painting over the Belzona system with Zinsser All Coat Satin to match the green-coloured dome built above the tomb of the Islamic prophet Muhammad and early Muslim leaders, Abu Bakr and Umar. The dome is located in the south-east corner of Al-Masjid al-Nabawi in Medina.

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