

BELZONA REPAIRS DOME ROOF

CUSTOMER

Mosque, Woking, UK

APPLICATION DATE

September 2016

APPLICATION SITUATION

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

PROBLEM

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

PRODUCTS

Belzona 1121 (Super XL-Metal)

Belzona 3111 (Flexible Membrane)

SUBSTRATE

Zinc

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.

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.

PICTURES

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



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