



SIKA AT WORK

GLASGOW CENTRAL MOSQUE

ROOFING: SIKA SARNAFIL G410-18ELF LEAD GREY SINGLE PLY MEMBRANE,
SARNATHERM INSULATION AND SFS FASTENERS

In cooperation with





SARNAFIL PLUS ROOFING SYSTEM ANSWERS MOSQUE'S PRAYERS

PROJECT REQUIREMENT

As part of a series of much-needed upgrades to one of Scotland's most iconic buildings, the refurbishment of Glasgow Central Mosque is now complete. Thanks to a number of remedial works commissioned by the management board, the mosque can now provide a place of worship for many more years to come.

Glasgow Central Mosque is Scotland's largest mosque, visited by thousands each week. Originally built in 1983, many of the fundamental building materials were starting to fail, and the roof was continually experiencing water ingress in many areas, causing disruption to prayer services.

After several attempts to repair the mosque's roof, the board came to the decision to replace the roof system entirely. It was essential the roof chosen could withstand Glasgow's inclement weather, and be workable around the mosque's iconic architectural dome, and rooflights which provided an essential source of natural light. It was also necessary for the replacement roofing system to be durable and long-lasting, to align with the mosque's sustainability initiative, 'The Future is Bright, The Future is Green'.

SIKA SARNAFIL SOLUTION

Sika Sarnafil Registered Contractor, Aim Developments, were appointed to install Sarnafil, thanks to the longevity and durability of the specialist's single ply roofing systems. In response to the continual challenges encountered by the mosque, it was decided that an all-encompassing roofing service was required.

Together with Ingram Architecture & Design, Sarnafil specified its Sarnafil Plus service, which included an in-depth roof survey, specification advice, site inspection, and full guarantee on materials and products, as well as workmanship. This gave the client full peace of mind, and reassured the board that the refurbishment works this time around would be a complete success.

To improve the mosque's thermal efficiency, SarnaTherm insulation was specified, and then complemented by 1,770m² Sika Sarnafil G410-18ELF Lead Grey single ply membrane on the main deck and all detail work flashings. Due to its exposed location on the south bank of the River Clyde, Sarnafil consulted with their fastener specialist, SFS, to ensure the correct fasteners were supplied for this project, to eliminate risk of failure. Combined, the roofing system installed is accredited by the BBA to offer a life expectancy of over 40 years.

A challenging factor for the team was that mosque had to remain open throughout the entire upgrade works, and therefore work was carried out in intervals around the mosque's three prayer times. All contractors involved had to be 100% confident in their ability and products in order to avoid delay or disruption.

Thanks to the high standard of work completed, and high performance of the products installed, visitors to Glasgow's Central Mosque can enjoy an efficient and watertight place of worship that is guaranteed to stand the test of time.

PROJECT PARTICIPANTS

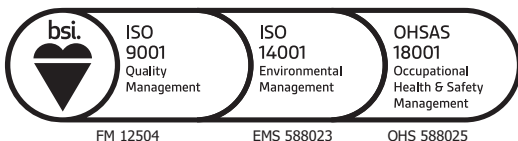
Roofing contractor: Aim Developments

Architect: Ingram Architecture & Design

Project name: Glasgow Central Mosque

Location: Glasgow, Scotland

Size: 1,600m²



FM 12504

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