

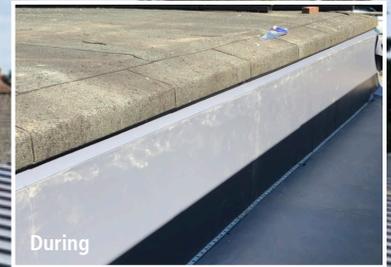
St Mary & St Giles Junior School, Stratford

600m² Value Engineered Solution for School Extension

Project Description

Classroom extension to provide 7 new classrooms along with refurbishment to toilet block and group rooms

The new scheme enabled the school to expand and accommodate the needs for the local population growth.



Challenges and Solution

For value engineering, Manuka Roofing and IKO Polymeric put forward the single ply standing seam profiles as a solution to the client to replicate the zinc roof effect whilst also providing longevity and aesthetic benefits. The architect was satisfied with the alternate solution as they didn't feel they would be compromising on their vision.

IKO Polymeric's premium Armourplan P Membrane was chosen for the main waterproofing. As well offering extended guarantees, the product ticked so many boxes and provided the desired aesthetic effect the architect was after. With its superior reinforcement and the use of premium quality PVC throughout, the membrane's unique formulation provided ease of installation.

The extra flexibility of the membrane helped the installers of Manuka Roofing to achieve the desired tight and crisp details on the standing seams. Attention to details was the key to perform this outstanding look on the profiles.

As well demonstrating good workmanship throughout the project, Manuka Roofing also dealt very well with the tight deadlines and scheduled the site priorities to accommodate to the client's needs. For instance, abutment upstand were installed before the main roof area to allow other trades access and enable them to complete their work within the tight programmes.

Restricted site access was also another challenge of this project due to working in a live school environment. Manuka Roofing had to constantly manage the vehicles coming in and out to minimise the disruption. They also transferred the delivery material from artics to their own vans to enable them access to the site safely.

The project was completed on time with no requirement for extra visits which meant less disruption to the school environment. This also enabled follow-on-trades to continue their works without any delays so the whole project was accomplished within the allocated timelines to the client's satisfaction.

Contractor: Manuka Roofing

Architect Practice: Race Cottam Associates Limited

Client: St Mary & St Giles Junior School

Systems

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