

Liquid-Applied Waterproofing

Royal Bank of Scotland, Kilsyth, North Lanarkshire



Background

This branch of Royal Bank of Scotland is situated at the end of Main Street in Kilsyth, North Lanarkshire.

The roof construction consisted of a concrete deck with asphalt waterproofing. The existing waterproofing had reached the end of its life and was suffering from fatigue, with various cracks occurring in its surface. The roof area itself had also begun to look old and tired. The client required a new system that would add a new lease of life to the roof.

Challenge

The roof of the bank formed a terrace to the main entrance of a 3 storey flatted development above. There were steps leading up to the terrace area from street level and also three concrete steps leading up to the entrance doorway to the flats. The roof perimeters consisted of a combination of rendered brick walls and various concrete copings with balustrades around the roof edges.

Solution

Since the roof would be exposed to high levels of pedestrian foot traffic a hard wearing and durable waterproofing solution was required.

The roofing contractor chose Icopal Limited's Elastoflex LWS waterproofing system with its hard wearing coloured quartz and walkway compound as the surface protection and finish.

The cold application of the system and the fact the system could be applied directly to the existing asphalt without the need to strip the failed material meant that work could be carried out with minimal disruption to the building's occupants. There were also benefits from its 'wet-on-wet' application, offering greater internal bond strength between coating layers and also faster application times as the primary waterproofing elements are applied in a single operation, all helping to minimise the disruption.

The Elastoflex LWS offers a seamless finish which was required to dress over the copings, and around the various balusters and pipe penetrations providing a long-term watertight solution.

Project:

RBS Kilsyth - Roof/Terrace Area

Area:

120m²

Completion Date:

August 2009

System:

Elastoflex LWS

Client:

Royal Bank Of Scotland

Contractor:

George Brolly & Co (Roofing) Ltd, Glasgow