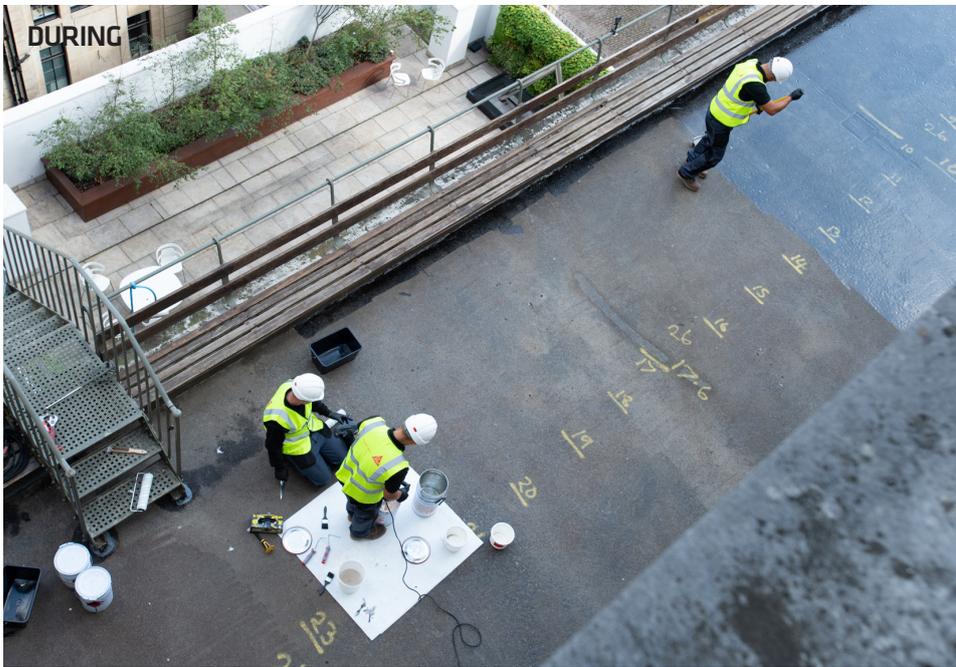




SIKA AT WORK

RIBA LEARNING CENTRE

ROOFING: Sika Liquid Plastics' Sikalastic Rapid 721, Asphalt Primer, Sikalastic Rapid Filler Compound, Sikalastic® Rapid Levelling Mortar Resin, Sikalastic® Rapid Levelling Mortar Powder 23 kg plus, Sikalastic® Rapid Aggregate, Sikalastic® Rapid Pigmented Sealer and Sika Paint Flakes with PU Coloured Quartz



SIKALASTIC RAPID PROVIDES PERFECT SOLUTION FOR RIBA LEARNING CENTRE

BACKGROUND

Following a grant from the Clore Duffield Foundation, RIBA (Royal Institute of British Architects) has repurposed an area of their Grade II listed headquarters as the Clore Learning Centre.

The new facilities create a destination for the public to learn and engage with architecture in a creative way. In addition to the indoor facilities, the Learning Centre incorporates a terrace area which will provide an outdoor space for learning and activities.

Although the terrace area was an existing part of the RIBA HQ building, it was not in current use and was in a poor state of repair. The existing roof covering had reached the end of its service life and there were issues with both ponding water and water ingress. Some patch repairs had been carried out to the roof covering, but it was no longer serviceable as a waterproof layer.

REQUIREMENT

The terrace had to be completed within a business-critical time frame to enable the full facilities to be in use for the new school year. The rapid cure time of just 30-40 minutes offered by Sika Liquid Plastics' Sikalastic Rapid, along with the technical support provided by Sika's Roofing Applications Team, delivered an ideal solution to meet the expectations of the architect and the client.

The work was scheduled to be carried out while both the building and the Clore Learning Centre were occupied and fully-operational. In order to minimise disruption, this meant that the chosen system needed to offer rapid installation with a team of no more than three operatives carrying out the work. As part of the new terrace design, RIBA required the perimeter bench to double up as both seating and a safety handrail. This involved significant waterproofing challenges, which would have been difficult to overcome without the use of Sikalastic Rapid Filler Compound.

The project also involved aesthetic considerations and the completed terrace needed to complement the exterior of the Grade II listed building, leading to specification of a special colour RAL 1001 topcoat finish.

SIKA LIQUID PLASTICS SOLUTION

Sika Liquid Plastics became involved in the project as a sponsor and provided the Sikalastic Rapid waterproofing and wearing system free of charge to contribute to the aims of the Clore Learning Centre.

The London Seamless Flat Roofing team prepared the terrace surface, and applied the Asphalt Primer, followed by a wet-on-wet installation of the rapid-curing Sikalastic Rapid. Once this had cured, Sikalastic Rapid Levelling Mortar was applied and the installation team broadcast quartz aggregate across the surface of the terrace to provide a hard-wearing and anti-slip trafficable surface. This was then sealed with Sikalastic Rapid Pigmented Sealer in the custom-specified RAL 1001 mustard colour selected by the client.

The rapid cure system enabled installation of the project within just 2 weeks, causing minimal disruption to the building's occupants and allowing full use of the internal aspects of the Clore Learning Centre.

The doorstep and threshold leading to the terrace had deteriorated over the years and required significant preparation to allow the application of the system to the entire terrace, which was a requirement of the guarantee. The step was cut back to a suitable height and Sikalastic Rapid Compound Filler was used to help repair the new doorstep. Only when this meticulous preparation work had been completed could the contractor encapsulate the entire doorstep with the application of Sikalastic Rapid 721.

[CLICK HERE](#) to watch the roof terrace transformation

PROJECT PARTICIPANTS

Contractor: London Seamless Flat Roofing

Roofing Client: RIBA

Size: 110m²

Products: Sikalastic Rapid 721 from Sika Liquid Plastics, Asphalt Primer Sikalastic Rapid Filler Compound, Sikalastic® Rapid Levelling Mortar Resin Sikalastic® Rapid Levelling Mortar Powder 23 kg plus, Sikalastic® Rapid Aggregate, Sikalastic® Rapid Pigmented Sealer, Sika Paint Flakes with PU Coloured Quartz



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