



SIKA AT WORK

HOOPERS YARD, NORTH LONDON

ROOFING: Sika Sarnafil G410-18EL and G410-15EL membrane in Light Grey

Sarnafil®



HOOPERS YARD, NORTH LONDON



PROJECT REQUIREMENT

Owlsworth Roofing's refurbishment of the Hoopers Yard residence in north London using the Sika Sarnafil roofing system required the company to overcome some technical challenges while at the same time ensure there was no water ingress during the refurbishment programme. The existing roof was in need of urgent refurbishment with the removal of the cladding panel and installation of a Sika Sarnafil single ply system with a 20-year guarantee in order to stop the severe and persistent water ingress.

How to fix the G410-18EL and G410-15EL membrane in Light Grey to the existing roof deck with mechanical fastenings that presented the first problem for the Owlsworth Roofing team. The original specification was to use a tube/stainless steel screw combination, but pull-out tests subsequently proved that fixing into the upper skin of the existing panel would not meet wind uplift criteria.

SIKA SARNAFIL SOLUTION

Owlsworth worked closely with the fasteners manufacturer to find and implement the solution. This turned out to be pre-drilling through both skins of the composite panels and inserting peel rivets, which were secured to the underside of the panel.

The second challenge was keeping the occupied building dry while the works were carried out. With the roof situated above a penthouse suite that had been particularly plagued by water leaks over years, keeping the inhabitants dry and happy was a top priority.

The penthouse residents were very concerned about further leaks throughout the works. So it was vital the roof was made watertight as quickly as possible. In total, over 4,000 fixings were used to fix the new system in place. With carefully planning and sealing each area, section by section, as works progressed, with not one single incidence of water entry being reported.

PROJECT PARTICIPANTS

Product: Sika Sarnafil G410-18EL and G410-15EL

Contractor: Owlsworth Roofing

Our most current General Sales Conditions shall apply.
Please consult the Data Sheet prior to any use and processing.



FM 12504



EMS 45308



OHS 585274

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