



SIKA AT WORK

CASTLEMEAD, LONDON
BOROUGH OF SOUTHWARK,

ROOFING: SVAP HD SA AVCL, Primer 600, SikaShield® E74 self-adhered underlay
SikaShield® HB79 Torch-on cap sheet and SikaShield® E79 self-adhesive cap sheet

BUILDING TRUST



SIKASHIELD PROVIDES THE IDEAL SOLUTION FOR SOUTHWARK SOCIAL HOUSING BLOCK



Project Description

Castlemead is a social housing block in the London Borough of Southwark, located in the busy Camberwell Road area. The vacant building was undergoing an internal refurbishment project, delivered by fit out specialist, Paragon, and as part of these works the main contractor brought in roofing specialist, Hambro Roofing, to carry out some repairs to the existing felt roof. It quickly became apparent that the existing roof surface had reached the end of its service life and required a full refurbishment.

Project Requirements

The client wanted to use a Safe2Torch-compliant reinforced bitumen membrane (RBM) roofing system that could be installed as an overlay to the existing roof, providing a like-for-like appearance while upgrading the performance and service life of the existing roof covering. SikaShield's best-of-both-world's SBS and APAO hybrid bitumen technology provided the ideal solution to achieve consistency of specification while enhancing the roof build-up. There was also a requirement to reduce the potential for standing water by introducing falls to the roof using a tapered insulation scheme to improve drainage and direct run-off water to existing drainage outlets.

Sika Solution

Hambro Roofing suggested to Paragon that the roof should be refurbished with a RBM overlay and proposed the SikaShield® system for the project due to the flexibility and tensile strength benefits of the SBS elements combined with the hardwearing properties and UV stability of APAO.

The Hambro Roofing team cleaned and prepared the existing roof surface before applying Sika Primer 600, prior to installing a self-adhesive air & vapour control layer (AVCL), providing a torch-free element of the SikaShield® system. The tapered insulation scheme was bonded in SikaRoof Adhesive-200 before the surface was primed, ready for the installation of the self-adhesive underlay.

The SikaShield® system offered Hambro Roofing the flexibility required to address unforeseen challenges with the roof. During the project, the contractor discovered that there were operational hot water pipes running through a central wall at roof level. The Hambro Roofing team was able to box in the pipes and then dressed the SikaShield® system to the boxed area, ensuring it was completely watertight. To complete the roof installation, Hambro Roofing installed a new GRP trim around the fascia, concealing the change in curb heights prompted by the tapered insulation.

Mark Robinson, Contracts Manager at Hambro Roofing commented: "We were extremely impressed with the SikaShield® Safe2Torch system and how it performed on this project."

Project participants

Contractor: Hambro Roofing

Roofing Client: Paragon

Size: 298m²

Products: SikaShield® E74 self-adhesive underlay, SikaShield® HB79 Torch-on cap sheet, SikaShield® E79 self-adhesive cap sheet



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