



SIKA AT WORK

LONSDALE SQUARE, CENTRAL LONDON

WATERPROOFING: Sika®-1 Pre-Bagged Structural Waterproofing System,
Sikadur®-Combiflex® and Sikaflex®

BUILDING TRUST



LONSDALE SQUARE CENTRAL LONDON



SIKA'S WATERPROOF SYSTEM PROVIDES INGRESS-FREE SOLUTION FOR REVAMPED STORAGE AREA

The Project

For the transformation of below ground coal vaults into modern, domestic storage spaces, a proven waterproof system was required to eliminate the long-term threat of ingress. Sika had the ideal solution.

The two underground vaults formed part of a terrace property in Lonsdale Square, central London. Unusable due to the failure of a previous tanking system leading to water leakages and damp, the property owners required the 50m² areas to be converted into storage space. Contractors, Ward Damp-Proofing Ltd, carried out the refurbishment which initially involved the mechanical removal of the existing tanking system. With the vaults used to convey services such as gas, electric and water throughout the property, the incumbent wall penetrations required a sealant flexible enough to allow for movement whilst remaining watertight. This was achieved using Sikaflex[®], a multifunctional sealant suitable for elastic, vibration-resistant joint seals.

The Solution

Sika[®]-1 Pre-Bagged Structural Waterproofing System, a multi-layer graded, precisely gauged and batched render based and waterproofing system, was then applied. Comprising watertight renders and a waterproof screed incorporating Sika[®]-1 Waterproofing Liquid, and Sika[®]-1 Pre-Batched Mortars. The system is designed for optimum application performance and durability. Sikadur[®]-Combiflex[®], a high performance flexible waterproofing tape was applied with Sikadur[®]-

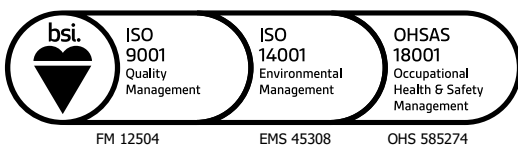
Combiflex[®] adhesive offer further protection at specific vulnerable construction joints, wall / floor junctions and arched soffit junctions.

Martin Lockwood, General Manager at Ward Damp-Proofing, said: "Sika's pre-bagged waterproofing system was ideal for this project. Its water-tightness coupled with its simple installation properties meant we were able to complete the waterproofing work quickly and effectively."

The Outcome

Such is the ease with which the Sika[®]-1 Pre-Bagged Structural Waterproofing System is applied; Ward Damp-Proofing completed the vaults' waterproof refurbishment in just one week. The property's delighted owners have been supplied with two storage spaces which will remain fully-protected against the long-term threat of water and damp ingress and undoubtedly add value to the property having now provided additional dry usable space.

For further information call 0800 292 2572.



SIKA LIMITED

Head Office
Watchmead
Welwyn Garden City
Hertfordshire, AL7 1BQ
United Kingdom

Contact

Phone +44 1 707 394444
Fax +44 1 707 329129
Email enquiries@uk.sika.com
www.sika.co.uk
@SikaLimited

BUILDING TRUST

