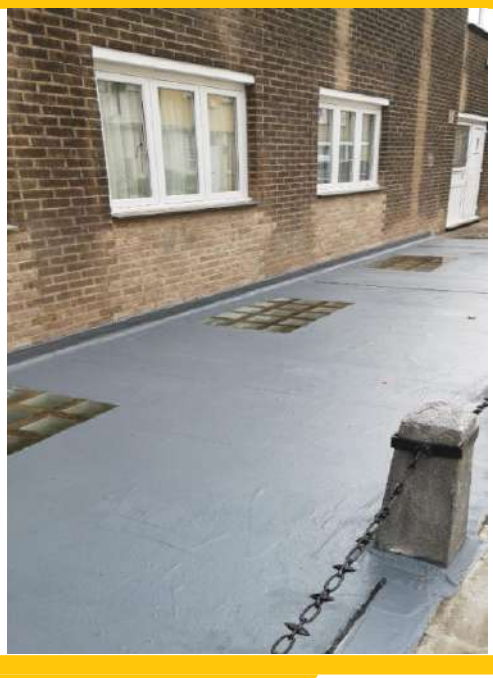
CASE STUDY

44, William Mews, Knightsbridge, London, SW1X 9HQ



PROJECT DETAILS

CLIENT:

Property Owner

Products Used:

Soprema Alsan Liquid for flat roofs, Resin injection to joints in trafficable pavement areas

Work Status:

Completed (September, 2020)

PROJECT DETAILS

SWS Ltd were appointed to provide a solution to water infiltration tracking along a ground beam which extended to the pavement/roof underside; a trafficable pavement area spanned part of the basement footprint.

A basement conversion that had been completed in the last 5 years. SWS were appointed to investigate a leak that appeared to be emanating from along a beam that supported the ground floor slab. On examination, SWS also discovered there were issues with the trafficable area that formed part of the roof to the basement.

SOLUTION

A **Newton** 313 WP (water plug) was used to stop water infiltration around the steel beam. The surrounding area/beam were primed with **Soprema** Alsan 171 combination primer and waterproofed with **Soprema** Alsan 770TX. The construction joint was injected with **Newton** 321 FSP while the expansion joints were sealed with **Newton** 106 Flexproof after being primed with **Newton** 916 P.

The entire trafficable area was then waterproofed. This area was first primed with **Soprema** Alsan 171 combination primer then, 2 coats of **Soprema** Alsan 770 resin were applied to the horizontal surface and reinforced with **Soprema** Alsan RS-fleece while 2 coats of **Soprema** Alsan 770TX resin were applied to the verticals and reinforced with **Soprema** Alsan RS-fleece. A final anti-slip coating: **Soprema** Alsan 971F textured coating was applied to the horizontal area. Installation was carried-out in accordance with industry best practice and to the manufacturer's specifications.