



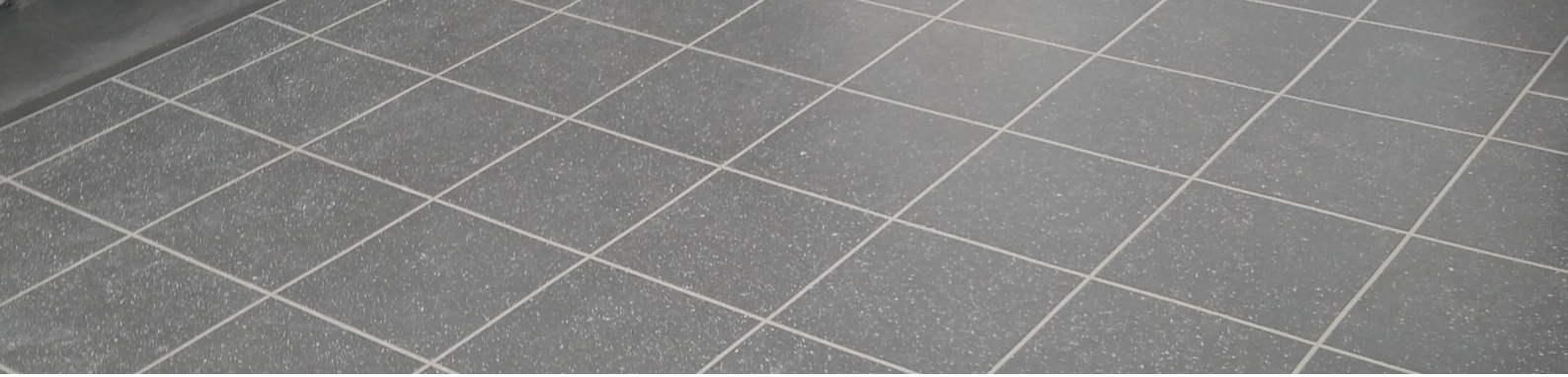
WestWood®
Qualität + Erfahrung



Reference Report

44-54 Onslow Square, Kensington





44-54 Onslow Square, Kensington, London

Wecryl Waterproofing System on a Refurbishment Property

Contractor: London Seamless Flat Roofing

Substrate: Concrete

Size: 100m²

Material: Wecryl 276, Wecryl 230/ 230 Thix , Wecryl 233, Wecryl 288 (RAL 7030 to form the grout lines and borders) Wecryl 288 (RAL 7043 with a Weplus Deco Chip broadcast to create the tiles), Weseal 815 Reinforced Fibre Putty

Completion: February 2018



Balcony area that forms a roof above the dwelling below which also received a tile effect waterproof system.



All areas were made watertight using Wecryl 230/230 Thix & Fleece

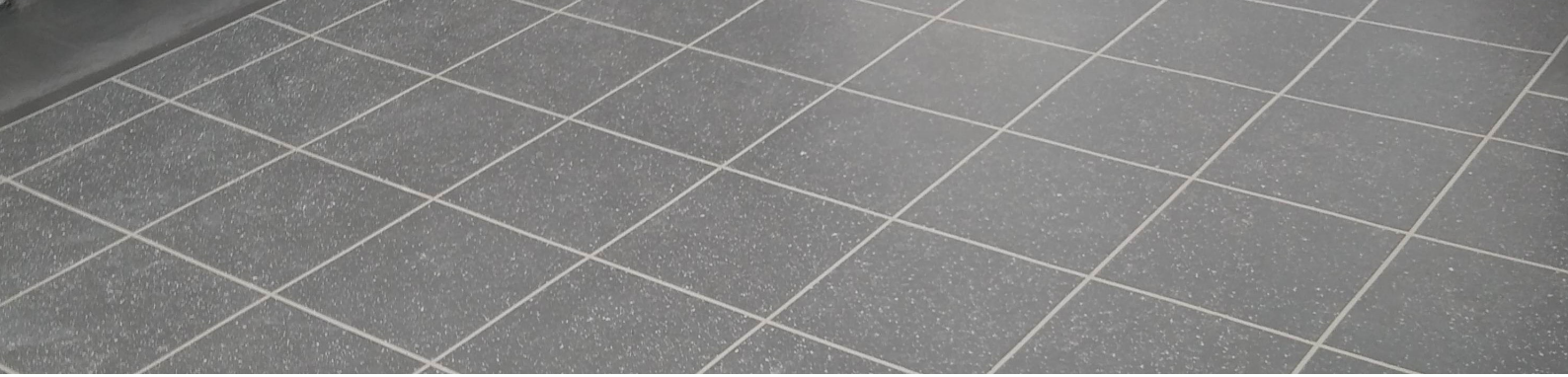
Background: Located in the borough of Kensington and Chelsea, 44-54 Onslow Square is a Grade II listed Georgian property comprising several apartments.

As part of a wider renovation project, repairs were required for one roof above a dwelling, portico roofs and a balcony that extends the length of the entire building featuring more than 100 ornate railings.

The existing asphalt on the roofing areas and balcony had started to deteriorate and leak. This not only had to be replaced with a more robust waterproofing system, but a unique tile effect created to complement the historic architecture. All work had to be carried out during the most severe winter conditions in many years.

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44-54 Onslow Square, Kensington, London

Wecryl Waterproofing System on a Refurbishment Property



Weseal 815 Reinforced Putty was used to provide a waterproof detail around the base of the railings.



Wecryl 233 self-levelling wearing layer was trowel applied to provide a protective hard-wearing layer to the system



Due to the contours of the balcony and roofs, the tile effect needed to be set back at least 50mm onto the flat.

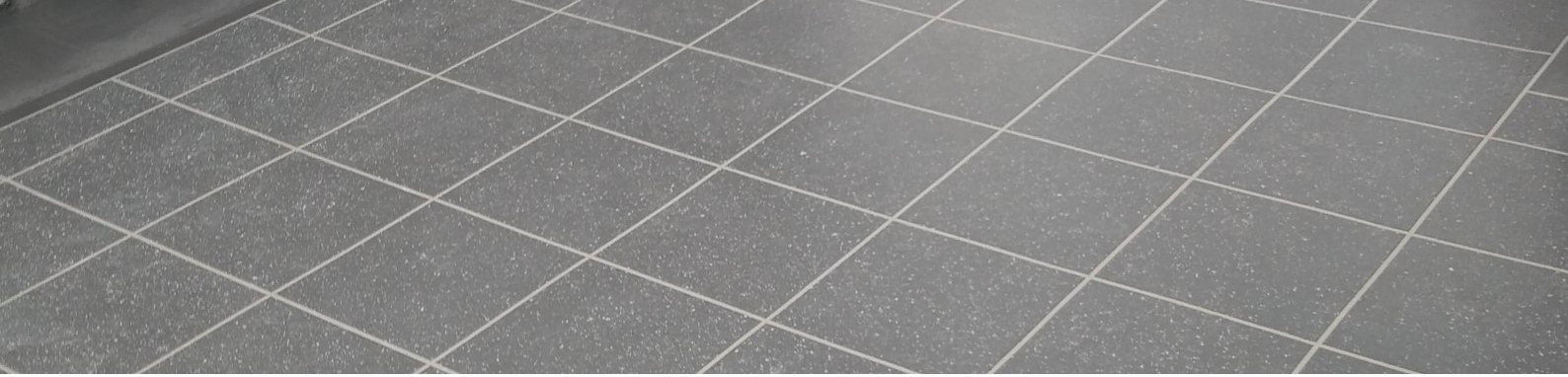
Solution: The installation began with the stripping back of the existing asphalt to the concrete and timber decks. The concrete substrate was completely saturated with water so had to be thoroughly dried. The Wecryl 276 primer from Westwood Technologies was then installed across the prepared concrete and timber substrates to form a secure bond.

Westwood's Wecryl 230 thix was used as the waterproofing layer. Our high-grade PMMA-based waterproofing resins can be installed in temperatures below freezing and so was ideal for the winter installation.

Weseal 815 Reinforced Putty was sculpted around each of the complex balcony railings to ensure that the junctions with the substrate were watertight.

The contractor left site to allow the plasterers to install new render over the top of the recently waterproofed upstands to the building. On their return to site, they applied Wecryl 233, a self-levelling wearing layer, using a notched trowel to achieve the correct coverage rate.

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Wecryl Waterproofing System on a Refurbishment Property



Completed works

Due to the contours of the balcony and roofs, the tile effect needed to be set back at least 50mm onto the flat. Working in very narrow spaces, the contractor applied Wecryl 288 sealer coat in pebble grey which would become the grout lines for the tiles. With a lot of care and attention, 6mm masking tape was then used to meticulously measure and mark out the tile pattern in sections. Once the masking tape was set out, Wecryl 288 in dark grey was applied to create the look of the main tile. Only a small section at a time could be completed because the tape had to be removed before the 288 resin cured. To complete the look, black and grey 'Weplus Chips' were spread evenly into the resin whilst it cured. These special toppings provide an aesthetic and non-slip finish.

The area around the railings was then finished with the same Wecryl 288 sealer coat in dark grey. The completed project has combined a range of advanced liquid technologies to deliver both a durable waterproofing solution and highly aesthetic finish.

The Benefits: The different PMMA based solvent-free layers have homogenised to form one watertight membrane which is weatherproof and skid inhibiting while at the same time created a stunning tile effect for this prestigious building.

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