

# Westbourne Place

Westbourne, London, England (2016)

## PRODUCTS USED:

**Kryston Internal Membrane™ (KIM®) Krytonite™ Swelling Waterstop  
Kryston Waterstop Treatment™**

### OWNER/DEVELOPER:

Redrow

### DISTRIBUTOR:

Kryton International Inc.

## BACKGROUND

Once known as a local police station, Westbourne Place was eventually converted into a lavish building with an add-on in the rear. Developed by Redrow, the building retained a number of details from its original design, such as high ceilings and period features. It even remains connected to what was once the police station's parade ground and is now a scenic and serene courtyard.

Still, the building itself is anything but stuck in the past. Redrow's conversion gave the Westbourne Place more modern features as well. These include fully fitted contemporary kitchen units and engineered oak flooring. All of which benefit the 49 luxury suites there. Those who reside in any one of them will not only enjoy those features in a one-, two-, or three-bedroom unit but will also enjoy the advantage of living within the heart of West London next to multiple transit, taxi, and cycling areas.

Of course, to make any of this possible, Redrow needed to restore Westbourne Place efficiently. For that to happen, it was vital that they find a concrete waterproofing solution that would be low-maintenance, set no limits on concrete pouring, and have an easy installation process.

## SOLUTION

When considering a solution that fit all those requirements, the contractor for Westbourne Place decided on KIM as their desired form of concrete waterproofing. As a result, they used 1,000 m<sup>3</sup> (35,315 ft<sup>3</sup>) of KIM-treated concrete to waterproof the building's basement parkade's slab and walls. That allowed the contractor to build straight up to the property line and to save on the cost of application. It also allowed the KIM-treated concrete to self-seal if any minor cracks occurred in the concrete and to block water from passing through the concrete, reducing the need for maintenance.

For further waterproofing protection, the contractor applied Krytonite Swelling Waterstop and Kryston Waterstop Treatment to all the construction joints and details. With this dual-protection waterstop system, the contractor could ensure that no leaks would occur and that water would not be able to infiltrate the concrete and corrode the steel rebar within. Moreover, this system and KIM will work for the life of the structure, providing permanent protection.

