

Jumeirah Carlton Hotel

Knightsbridge, London

Tremproof 250 GC

- Cold-applied fully bonded membrane
- Highly elastomeric - excellent crack bridging performance
- Rapid curing - can be overlaid in as little as 4 hours



APPLICATION

Suspended concrete slab above hotel basement car park

SURFACE

Stone Mastic Asphalt

SPECIFICATION

Tremproof 250 GC-SL @ 3 kg/m²
Tremco VCL 3 Protection Course

CONTRACTOR

Cemplas

AREA

300 m²

PROJECT DESCRIPTION

When specialist waterproofing contractor Cemplas was called to refurbish a leaking concrete slab at a prestigious Knightsbridge hotel, they opted to use Tremco's Tremproof 250 GC as the membrane below an asphalt topping.

There had been a long-standing problem with water ingress through the suspended slab, allowing salt-laden water to penetrate through the deck into the underground car park and on to customers vehicles. Above the deck was the main access ramp to the hotel service yard - meaning refurbishment of the deck would have to be completed without preventing access to the hotel.

Main contractor Trident Refurbishment stripped back the existing surface to expose the concrete slab and installed steel angles around the problematic smoke vents. Cemplas then moved in to install Tremproof 250 GC directly onto the slab. Within a few hours the membrane had cured and was covered with a protective layer of Tremco VCL 3, which protects the membrane and is able to withstand the 120°C temperatures of the hot-applied blacktop installation.

The fast-track installation meant an end to the water ingress issues and allowed the service road to be quickly reopened to traffic.

TREMCO