

Parking Structures

Client:

Liabakken Boligsamaie Apartment Complex

Main Contractor:

Consolvo AS

Specialist Contractor:

Jetmen Protection AS

Products Used:

VIP Quickspray Industrial Slow

Contact:

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Liabakken Boligsamaie Apartment Complex, Near Oslo, Norway

Case Study

This Apartment Complex outside Oslo, wanted to repair, seal and protect their existing, partially below ground, multi-storey parking garage decks that had started to deteriorate. They needed to ensure that the decks were watertight to prevent water and de-icing salt ingress to the structure and / or onto the vehicles parked in the lower decks. The three decks totaled 5,200m² and after repairs the deck coating system was also required to provide a highly abrasion and wear resistant, anti-slip surface and yet still be easy to clean and maintain a good aesthetic appearance.

Consolvo AS the Facilities Maintenance Contractor, contacted the specialists at Jetmen Protection, who recommended a full VIP Quickspray repair and protection system based on polyurea resin. The VIP system included fast-setting penetrative primers to seal the substrate, fast setting repair mortars and the deck coating which also cures and hardens rapidly, but still allows a broadcast surface profile to be built-up and provide the skid resistance required.

The procedure was for all of the concrete surfaces to be blastcleaned, the damaged areas repaired, and then the whole area was primed and coated with the VIP Quickspray using hot airless spray techniques with graded fine aggregate broadcasting into the penultimate layer.

