

Roof Waterproofing

Client:

Huntsman Europe

Specialist Contractor:

Renocon Ltd., London-Bow

Products Used:

VIP Quickspray Industrial

Contact:

NCC for Bund Lining

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Huntsman Europe

Everberg, Belgium

Case Study

Huntsman were refurbishing their European Group Headquarters in Everberg, Belgium and decided to add a green roof to their building, as the structure was able to accommodate this additional load and it would give an improved environment and amenity for the people on site.

In order to do this they needed to increase the watertightness of the roof build-up, preferably without removing the existing traditional bitumen based system, as the cost of this might make the project untenable.

The bitumen was basically sound; however it would not have the assured long-term watertight security for the future under the new green roof area. Therefore they wanted a cost effective solution that could be applied over the bitumen, with just simple pre-cleaning, and then to provide a highly mechanically and chemically resistant, crack-free waterproofing system. Clearly this also had to be a liquid applied system as additional fixings through the roof were not possible.

VIP QuickSpray Industrial, a 2-component polyurea coating system was selected as being able to meet all of these requirements. The bitumen was cleaned and porous areas were primed, then the VIP QuickSpray polyurea coating system was hot-spray applied. All of the work to more than 600m² of the roof was successfully completed in just three days.

