



constructive solutions

CASE STUDY

6 & 8 Parramatta Square

Sydney, NSW



CUSTOMER Walker Corporation
 APPLICATOR Sure Projects Australia (SPA)
 SECTOR Commercial
 DATE 2022

PRODUCTS
 Fosroc Polyurea WHE110



Fosroc Polyurea WHE110 was selected to waterproof a vast public domain area in front of 6 & 8 Parramatta Square. With a basement carpark underneath, the concrete needed tough long-term protection.

THE PROJECT

Completed in 2022, the interconnected towers at 6 & 8 Parramatta Square became the largest commercial building in Australia, in terms of net lettable area. Office workers look out over the public domain to views of Sydney and the Blue Mountains.

Sure Projects Australia (SPA) was contracted to waterproof the external wet area.

THE SOLUTION

Having worked with Polyurea WHE110 on many previous projects, SPA approached Fosroc ANZ to collaborate on this job.

Two layers of the waterproofing membrane were applied by spray, covering the large area quickly and curing at rapid speed. Specifying two layers provided an extra-thick barrier to protect the underground basement.

Polyurea WHE110 is an elastomeric hybrid technology combining polyurea and polyurethane. It is comprised of 100% solids, offering heavy duty waterproofing and a protective coating.

THE BENEFITS

- Dual purpose – a waterproofing and protective coating
- Excellent chemical resistance, thermal stability and UV resistance (some discolouration will occur)
- Very fast turn-around time. The coated substrate can be put into service within an hour
- Fast application by spray
- Very low VOC
- Excellent impact, abrasion and puncture resistance
- Seamless and monolithic, including field joints
- Significantly enhances the durability of reinforced concrete
- Low permeability values
- Very long life cycles and high durability

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