



## COSMOPOLITAN APARTMENTS 51-55 THE ESPLANADE, MAROOCHYDORE QLD

**Date:** October 2017  
**Project:** Cosmopolitan Apartments  
**Builder:** Construction Control  
**Applicator:** Re-Seal Industries  
**Application:** Tanking System to Basement Envelope  
**Applicator:** ADA Waterproofing  
**Application:** Waterproofing & Epoxy Coatings to Tower Elements

### PRODUCT USED

CETCO-Volclay Voltex DS/SWR  
CETCO Waterstop RX  
Hychem SupaFloor  
Sikalastic-1K  
WPA 200  
WPA Drainage Cell  
WPA 500  
WPA 230 UV  
WPA 235 UV  
Soprema Soprasun 3.0S  
Soprema Soprasun 4.0AR

The Cosmopolitan Cotton Tree delivers a unique, inspired and integrated residential development and an exquisite coastal lifestyle opportunity.

Exceptional design and iconic craftsmanship come together to bring you the latest landmark residential apartment complex on Queensland's Sunshine Coast.

'The Cosmopolitan' presents 143 luxurious apartments, across 7 residential levels, set in an absolutely premier riverfront location, directly opposite the Maroochy River. Complete with supremely generous balconies and open plan living spaces orientated toward the stunning, never-to-be-lost view, these apartments draw the river deep inside.

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# CASE STUDY

## PRODUCTS SPECIFIED

### BASEMENT UNDER SLAB

Membrane: CETCO-Volclay Voltex DS/SWR, bentonite geotextile waterproofing system.

### BASEMENT WALLS (SHEET PILE)

Membrane: CETCO-Volclay Voltex DS/SWR, bentonite geotextile waterproofing system.

### CONSTRUCTION JOINTS & PENETRATIONS

Hydrophilic

Waterstop: CETCO Waterstop RX, sodium bentonite based waterstop.

### PLANT ROOMS

Epoxy Coating: Hychem SupaFloor, is a high build, multi purpose pigmented epoxy coating.

### STORMWATER DETENTION TANKS

Membrane: Sikalastic-1K, one component cementitious mortar fibre reinforced for flexible waterproofing above and below ground.

### REFUSE ROOMS

Epoxy Coating: Hychem SupaFloor, is a high build, multi purpose pigmented epoxy coating.

### PLANTER BOXES

Membrane: WPA 200, a highly flexible, two part, rapid drying, cementitious waterproofing membrane.  
Drainage Cell: WPA Drainage Cell, drainage cell and root resident protection board.

### PLAZA AREAS

Membrane: WPA 200, a highly flexible, two part, rapid drying, cementitious waterproofing membrane.

### INTERNAL WET AREAS

Membrane: WPA 500, a one-part fibre reinforced waterborne under tile membrane.

### WINDOW REVEALS & SILLS

Membrane: WPA 230 UV, one part fibre reinforced water based polyurethane membrane.

### RECREATION DECKS & POOL SURROUNDS

Membrane: WPA 200, a highly flexible, two part, rapid drying, cementitious waterproofing membrane.

### BALCONIES

Membrane: WPA 200, a highly flexible, two part, rapid drying, cementitious waterproofing membrane.

### HYDRANT PUMP ROOMS

Epoxy Coating: Hychem SupaFloor, is a high build, multi purpose pigmented epoxy coating.

### GRASSED AREAS

Membrane: WPA 200, a highly flexible, two part, rapid drying, cementitious waterproofing membrane.

Drainage Cell: WPA Drainage Cell, drainage cell and root resident protection board.

### LIFT OVER RUN

Membrane: WPA 235 UV, one part fibre reinforced water based polyurethane membrane.

### ROOF AREAS

Membrane

Base Sheet: Soprema Soprasun 3.0S, APP modified bitumen sheet membrane.

Membrane

Base Sheet : Soprema Soprasun 4.0AR, APP modified bitumen sheet membrane with mineral chip finish.

