



ONE CANNES (TOWER) 1 CANNES AVE, SURFERS PARADISE, QLD

Date: May 2023
Project: One Cannes (Tower)
Builder: Rawcorp PTY LTD
Contractor: Re-Seal Industries
Applicaton: Waterproofing & Epoxy Systems

PRODUCTS USED

TPA Screed
 Tile Edge Balcony Trim
 TPA Lite
 WPA 160
 WPA 200
 WPA 360
 WPA 460
 WPA 230UV
 WPA Elastoband
 WPA Spur
 WPA TuffCote
 WPA Rapid

(see more products on the next page)

Rawcorp Pty Ltd's project 'One Cannes' represents the ultimate in luxury waterfront living for owner occupiers, set north-facing on a premium bend of the main river & neighbouring beautiful green parklands. Each beautiful residence is designed to draw in views of the river.

One Cannes offers spacious riverfront apartments with plenty of amenities for residents. Waterproofing works were completed by Re-Seal Industries utilising WPA products in specified areas.

The Tower is an 18-storey building with 82 units consisting of 2 and 3-bedroom apartments and 4 levels of car parking (2 basement level carparks, 2 suspended level carparks). Amenities include – a lap pool, sauna, gym, yoga studio, business lounge, BBQ facilities, private office spaces, and dining room.

PRODUCTS SPECIFIED

BIN STORE AND WASTE ROOM

- Preparatory:** Appropriate concrete preparation to achieve a CSP2 to the substrate being coated.
- Primer:** Hychem E100, a solvent-based two-component epoxy primer.
- Epoxy Base Coat:** Hychem SupaFloor, a high build, multi-purpose pigmented epoxy coating.
- Non-Slip Aggregate:** Broadcast to refusal with an appropriate nonslip aggregate.
- Epoxy Wear Coat:** Hychem SupaFloor, a high build, multi-purpose pigmented epoxy coating.

CARPARK & DRIVEWAY – CONCRETE SEALER

- 1st Coat:** Solutions Densify-K, a concrete densifier for sealing and protection of concrete surfaces, diluted with 2-part water depending on concrete porosity.
- 2nd Coat:** Solutions Densify-K, a concrete densifier for sealing and protection of concrete surfaces, applied neatly.
- 3rd Coat:** Solutions Densify-K, a concrete densifier for sealing and protection of concrete surfaces, applied at a mix rate of 50/50 with water.

OUTDOOR WALKWAYS & TERRACE AREAS – CRAZY PAVE

- Screed:** TPA Screed, is a pre-blended screed mixture for the installation of cementitious screeds and tile beds, suitable for internal and external applications (if required).
- Balcony Edge Trim:** Tile Edge Balcony Trim, is a durable extruded anodised or powder-coated aluminium profile (if required).
- Primer:** WPA 460, a two-part, water-based epoxy primer.
- Non-Porous Surfaces:** WPA 160, a specialised solvent-free primer designed for enhancing the adhesion of subsequent membranes.
- Transitions:** WPA SPUR, a high quality, professional, universal, low modulus sealant based on hybrid technology.
- Membrane:** WPA 230UV, a one-part fibre-reinforced water-based polyurethane membrane (minimum of 2 coats to achieve a DFT of 1000 microns).

HYDRANT BOOSTER, WATER METER & PADMOUNT ENCLOSURE

- Primer:** WPA 360, a one-part, water-based primer.
- Transitions: system** WPA Elastoband, an innovative detailing designed for waterproofing and sealing all types of points, junctions and general areas subject to movement.
- Membrane:** WPA 200, a highly flexible, two-part, rapid-drying, cementitious waterproofing membrane (minimum of 2 coats to achieve a DFT of 1000 microns).

SERVICES CUPBOARDS

- Screed:** TPA Screed, is a pre-blended screed mixture for the installation of cementitious screeds and tile beds, suitable for internal and external applications (if required).
- Primer:** WPA 360, a one-part, water-based primer.
- Transitions:** WPA SPUR, a high quality, professional, universal, low modulus sealant based on hybrid technology.
- Membrane:** WPA 230UV, one part fibre reinforced water based polyurethane membrane (minimum of 2 coats to achieve a DFT of 1000 microns).

SPRINKLER PUMP ROOM

- Primer:** WPA 460, a two-part, water-based epoxy primer.
- Non-Porous Surfaces:** WPA 160, a specialised solvent-free primer designed for enhancing the adhesion of subsequent membranes.
- Transitions:** WPA Elastoband, an innovative detailing system designed for waterproofing and sealing all types of points, junctions and general areas subject to movement.
- Membrane:** WPA 200, a highly flexible, two-part, rapid drying, cementitious waterproofing membrane (minimum of 2 coats to achieve a DFT of 1000 microns).
- Topcoat (Optional):** WPA TuffCote, is a hard-wearing, waterproofing membrane and slip-resistant membrane for external floor surfaces (if required for medium - heavy foot traffic).

MECHANICAL PLENUM AREA

- Screed:** TPA Screed, is a pre-blended screed mixture for the installation of cementitious screeds and tile beds, suitable for internal and external applications (if required).

PRODUCTS SPECIFIED

- Primer:** WPA 360, a one-part, water-based primer.
- Transitions:** WPA SPUR, a high quality, professional, universal, low modulus sealant based on hybrid technology.
- Membrane:** WPA Rapid, a waterborne, flexible waterproofing membrane, utilising next-generation, self-crosslinking technology (minimum of 2 coats to achieve a DFT of 800 microns).
- Tile Adhesive:** TPA Lite, a premium grade C2S2, white, fibre-reinforced, flexible cement-based tile adhesive.

WINDOW & DOOR REVEALS

- Primer:** WPA 360, a one-part, water-based primer.
- Transitions:** WPA SPUR, a high quality, professional, universal, low modulus sealant based on hybrid technology.
- Membrane:** WPA 230UV, one part fibre reinforced water based polyurethane membrane (minimum of 2 coats to achieve a DFT of 1000 microns).

INTERNAL WET AREAS – TILED

- Primer:** WPA 360, a one-part, water-based primer.
- Transitions:** WPA SPUR, a high quality, professional, universal, low modulus sealant based on hybrid technology.
- Membrane:** WPA Rapid, a waterborne, flexible waterproofing membrane, utilising next-generation, self-crosslinking technology (minimum of 2 coats to achieve a DFT of 800 microns).
- Screed:** TPA Screed, is a pre-blended screed mixture for the installation of cementitious screeds and tile beds, suitable for internal and external applications (if required).

BALCONIES – TILED

- Screed:** TPA Screed, is a pre-blended screed mixture for the installation of cementitious screeds and tile beds, suitable for internal and external applications (if required).
- Balcony Edge Trim:** Tile Edge Balcony Trim, is a durable extruded anodised or powder-coated aluminium profile (if required).
- Primer:** WPA 460, a two-part, water-based epoxy primer.

- Non-Porous Surfaces:** WPA 160, a specialised solvent-free primer designed for enhancing the adhesion of subsequent membranes.
- Transitions:** WPA SPUR, a high quality, professional, universal, low modulus sealant based on hybrid technology.
- Membrane:** WPA 230UV, a one-part fibre-reinforced water-based polyurethane membrane (minimum of 2 coats to achieve a DFT of 1000 microns).

ROOF TERRACE – CRAZY PAVE

- Screed:** TPA Screed, is a pre-blended screed mixture for the installation of cementitious screeds and tile beds, suitable for internal and external applications (if required).
- Balcony Edge Trim:** Tile Edge Balcony Trim, is a durable extruded anodised or powder-coated aluminium profile (if required).
- Primer:** WPA 460, a two-part, water-based epoxy primer.

- Non-Porous Surfaces:** WPA 160, a specialised solvent-free primer designed for enhancing the adhesion of subsequent membranes.
- Transitions:** WPA SPUR, a high quality, professional, universal, low modulus sealant based on hybrid technology.
- Membrane:** WPA 230UV, a one-part fibre-reinforced water-based polyurethane membrane (minimum of 2 coats to achieve a DFT of 1000 microns).

PLANTER BOXES

- Primer:** WPA 460, two-part water-based epoxy primer.
- Transitions:** WPA SPUR, a high quality, professional, universal, low modulus sealant based on hybrid technology.
- Membrane above Soil Level:** WPA 230UV, a one-part fibre-reinforced water-based polyurethane membrane (minimum of 2 coats to achieve a DFT of 1000 microns).
- Non-Porous Surfaces:** WPA SB, is a clear fast-drying solvent-based primer.
- Transitions:** WPA FC, is a high-performance, fast-cure, one-component polyurethane sealant.

PRODUCTS SPECIFIED

Membrane: WPA 992, a one-part liquid applied moisture-cured polyurethane membrane system, with the addition of WPA 992 Root Inhibitor Additive, root inhibitor membrane additive (minimum 2 coats to achieve a DFT of no less than 1200 microns).

Membrane Protection: Coreflute Protection Board extruded polypropylene sheet.

Drainage Cell (if required): WPA Drainage Cell, a drainage cell and root-resistant protection board.

PLANTER BOX CAPPING & EXTERNAL SURFACES

Primer: WPA 460, two-part water-based epoxy primer.

Non-Porous Surfaces: WPA 160, a specialised solvent-free primer designed for enhancing the adhesion of subsequent membranes.

Transitions: WPA SPUR, a high quality, professional, universal, low modulus sealant based on hybrid technology.

Membrane: WPA 230UV, a one-part fibre-reinforced water-based polyurethane membrane (minimum of 2 coats to achieve a DFT of 1000 microns).

POOL STRUCTURE

Preparatory: Appropriate falls to drainage outlet in the substrate to be waterproofed.

Screed: TPA Screed, is a pre-blended screed mixture for the installation of cementitious screeds and tile beds, suitable for internal and external applications (if required).

Primer: WPA 460, a two-part, water-based epoxy primer. or WPA 560, a two-part water-based epoxy designed as a water and vapour-proof coating.

Transitions: WPA Elastoband, an innovative detailing system designed for waterproofing and sealing all types of points, junctions and general areas subject to movement.

Membrane: WPA 200, a highly flexible, two-part, rapid-drying, cementitious waterproofing membrane (minimum of 2 coats to achieve a DFT of 1000 microns).

POOL DECK – CRAZY PAVE

Screed: TPA Screed, is a pre-blended screed mixture for the installation of cementitious screeds and tile beds, suitable for internal and external applications (if required).

Primer: WPA 460, a two-part, water-based epoxy primer.

Non-Porous Surfaces: WPA 160, a specialised solvent-free primer designed for enhancing the adhesion of subsequent membranes.

Fillets / Bond Breaker: WPA SPUR, a high quality, professional, universal, low modulus sealant based on hybrid technology.

Membrane: WPA 230UV, a one-part fibre-reinforced water-based polyurethane membrane (minimum of 2 coats to achieve a DFT of 1000 microns).

Tiling System: An appropriate pool chemical-resistant tiling system, done by others.

SAUNA ROOM

Primer: WPA 560, two-part water-based epoxy designed as a water and vapour-proof coating.

Non-Porous Surfaces: WPA 160, a specialised solvent-free primer designed for enhancing the adhesion of subsequent membranes.

Transitions: WPA Elastoband, an innovative detailing system designed for waterproofing and sealing all types of points, junctions and general areas subject to movement.

Membrane: WPA 200, a highly flexible, two-part, rapid-drying, cementitious waterproofing membrane (minimum of 2 coats to achieve a DFT of 1000 microns).

Screed: TPA Screed, is a pre-blended screed mixture for the installation of cementitious screeds and tile beds, suitable for internal and external applications (if required).

Tiling System: An appropriate tiling system, done by others.

ROOF TERRACE ARTIFICIAL TURF AREA

Screed: TPA Screed, is a pre-blended screed mixture for the installation of cementitious screeds and tile beds, suitable for internal and external applications (if required).

Primer: WPA 460, a two-part, water-based epoxy primer.

Non-Porous Surfaces: WPA 160, a specialised solvent-free primer designed for enhancing the adhesion of subsequent membranes.

PRODUCTS SPECIFIED

Transitions: WPA Elastoband, is an innovative detailing system designed for waterproofing and sealing all types of points, junctions, and general areas subject to movement.

Membrane: WPA 200, a highly flexible, two-part, rapid-drying, cementitious waterproofing membrane (minimum of 2 coats to achieve a DFT of 1000 microns).

Separation Coat: WPA 560, a two-part, water-based epoxy primer.

Artificial Turf Adhesive: RL6000 Synthetic Grass Carpet Adhesive, an all-weather solvent-based (flammable) adhesive specifically formulated for the outdoor installation of non-stretch open weave polypropylene backed synthetic grass carpet. Not recommended for urethane and E.V.A.-backed carpets.

ROOF PLANT AREA

Primer: WPA 460, a two-part, water-based epoxy primer.

Non-Porous Surfaces: WPA 160, a specialised solvent-free primer designed for enhancing the adhesion of subsequent membranes.

Fillets / Bond Breaker: WPA SPUR, a high quality, professional, universal, low modulus sealant based on hybrid technology.

Membrane: WPA 230UV, a one-part fibre-reinforced water-based polyurethane membrane (minimum of 2 coats to achieve a DFT of 1000 microns).

Topcoat (Optional): WPA TuffCote, is a hard-wearing, waterproofing membrane and slip-resistant membrane for external floor surfaces (if required for medium - heavy foot traffic).

LIFT OVERRUN & EXPOSED CONCRETE ROOFS

Primer: WPA 460, a two-part, water-based epoxy primer.

Non-Porous Surfaces: WPA 160, a specialised solvent-free primer designed for enhancing the adhesion of subsequent membranes.

Transitions: WPA SPUR, a high quality, professional, universal, low modulus sealant based on hybrid technology.

Membrane: WPA 230UV, a one-part fibre-reinforced water-based polyurethane membrane (minimum of 2 coats to achieve a DFT of 1000 microns).

