



BIANCA BY MOSAIC 1 SURF STREET BILINGA QLD 4225

Date: December 2022
Project: Bianca By Mosaic
Builder: Mosaic Construction
Applicator: S&K Waterproofing
Application: Waterproofing, Tiling Systems

PRODUCTS USED

WPA 160
 WPA 200
 WPA 360
 WPA 460
 WPA 500
 WPA SPUR
 WPA 230UV
 WPA Elastoband
 TPA Lite
 TPA Tru Colour Sanitary Silicone
 Hychem E100
 Hychem SupaFloor

(see more products on the next page)

Bianca by Mosaic stands as a remarkably rare and intimate collection of residences set against the backdrop of a pristine coastline.

This exclusive address comprises only 13 three-bedroom residences spread across seven levels, and generous amenities, including a resort pool, and relaxation area with barbeque and seating.

In collaboration with SJB Architecture, Bianca is an elegantly modern design characterized by thoughtful material selection, and a scale that harmonizes with the surroundings, creating a distinctive yet timeless sense of place.

S&K Waterproofing was enlisted to complete the waterproofing works for all levels.

PRODUCTS SPECIFIED

WASTE BIN STORE, REFUSE AND FIRE PUMP ROOMS

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: Appropriate nonslip aggregate.

Epoxy Wear Coat: Hychem SupaFloor, a high build, multi-purpose pigmented epoxy coating.

HYDRANT & FIRE BOOSTER CUPBOARDS

Screed: ACS Traditional Floor Screed, a pre-blended screed underlayment specially formulated for internal & external floor areas, or site mixed screed in accordance with AS 3958.1 (if required).

Primer: WPA 360, a one-part, water-based primer.

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).

WINDOW & DOOR REVEALS

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

Screed: ACS Traditional Floor Screed, a pre-blended screed underlayment specially formulated for internal & external floor areas, or site mixed screed in accordance with AS 3958.1 (if required).

Primer: WPA 360, a one-part, water-based 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 500, a one-part fibre-reinforced waterborne under-tile membrane (minimum of 2 coats to achieve a DFT of 1000 microns).

Tile Adhesive: TPA Lite, a premium grade C2S2, white, fibre-reinforced, flexible cement-based tile adhesive.

Tile Grout: TPA Tru Colour Grout, is a high-performance stain & efflorescence resistant grout.

Movement

Joints: TPA Tru Colour Sanitary Silicone, is a mould-resistant, non-diluted, high-performance, UV-resistant, neutral cure silicone sealant. drying, cementitious waterproofing membrane (minimum of 2 coats to achieve a DFT of 1000 microns).

TERRACES & BALCONIES (PEDESTALS)

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 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).

Pedestal

System: Keksia NM Pedestal System, a modular and adjustable pedestal support system for raised indoor and outdoor floors.

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).

PRODUCTS SPECIFIED

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.
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:	WPA Drainage Cell, a drainage cell and root-resistant protection board.

POOL STRUCTURE

Screed:	ACS Traditional Floor Screed, a pre-blended screed underlayment specially formulated for internal & external floor areas, or site mixed screed in accordance with AS 3958.1 (if required).
Primer:	WPA 560, 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).

WATER TANK & RETENTION TANK

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 100, a single component, fibre-reinforced, rapid drying, cementitious waterproofing membrane (minimum of 2 coats to achieve a DFT of 2000 microns).

SWIMMING POOL

Slurry Bond Coat:	Laticrete 335, a high-performance thin-bed adhesive for installing a wide range of tiles and stone.
-------------------	---

Render/ Mortar Beds:	Laticrete 3701 Fortified Mortar Bed, a polymer-fortified blend of carefully selected polymers, Portland cement and graded aggregates
Moisture Shield:	LATAPOXY Moisture Shield, a 2 component, epoxy coating specifically designed to reduce moisture vapour emissions.
Membrane:	Laticrete Hydro Ban, a thin, load-bearing waterproofing/crack isolation membrane.
Tile Adhesive:	Laticrete 335, a high-performance thin-bed adhesive for installing a wide range of tiles and stones including low absorption ceramic and porcelain tiles, natural and manufactured stone.
Tile Grout:	Laticrete Permacolor Grout, a high-performance, fast-setting grout
Sealant:	Laticrete Latasil Sealant, a high-performance, one-component, neutral cure, 100% silicone sealant designed for ceramic tile and stone applications (primed with Laticrete 9118 primer).

POOL DECK (TIMBER)

Screed:	ACS Traditional Floor Screed, a pre-blended screed underlayment specially formulated for internal & external floor areas, or site mixed screed in accordance with AS 3958.1 (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 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).
Pedestal System:	Keksia NM Pedestal System, a modular and adjustable pedestal support system for raised indoor and outdoor floors (if required).

PRODUCTS SPECIFIED

EXPOSED CONCRETE ROOF, LIFT OVERRUN & ROOF PLANT AREAS

- 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).
- Topcoat (Trafficable Areas):** WPA TuffCote, a hard-wearing, slip-resistant topcoat for external floor surfaces.

OSD TANK ROOF (BALLAST ROCK) & CONCRETE SUNHOODS

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

