



JUNIOR EINSTEINS NURTURING CENTRE PIPER DRIVE, NSW 2529

Date: 2023
Project: Junior Einsteins Nurturing Centre
Builder: Advanced Constructions
Applicator: Leakfree Waterproofing
Application: Waterproofing Systems

PRODUCTS USED

WPA Drainage Cell
 WPA 100
 WPA 460
 WPA Elastoband
 WPA 200
 WPA 160
 WPA SPUR
 TPA Lite
 Soprema Elastocol Stick
 Soprema Colphene 3000
 Soprema Sopramastic
 Soprema Alsan Flashing

(see more products on the next page)

Junior Einsteins is very excited to announce their brand new state-of-the-art, early learning centre currently under construction within the Dunmore Estate (Shell Heights), opening 2023.

Junior Einsteins is a family-owned and operated early learning service who, over the past 16 years, have built upon their connections within the community to establish and maintain a family-like environment for children and families to feel safe, secure and supported.

PRODUCTS SPECIFIED

RETAINING WALLS

- Primer:** Soprema Elastocol Stick, an SBS synthetic rubber adhesive primer.
- Detail strips:** Soprema Colphene 3000, a self-adhesive SBS modified sheet membrane system (Detail Strips).
- Membrane:** Soprema Colphene 3000, a self-adhesive SBS modified sheet membrane system (Detail Strips).
- Membrane Termination:** K Flashing, an extruded aluminum flashing, with pre-punched holes, designed for the top termination of sheet membrane systems..
- Mastic Sealant:** Soprema Sopramastic, solvent-based bitumen mastic.
- Flashing:** Soprema Alsan Flashing, is a single-component polyurethane/bitumen liquid.
- Flashing Reinforcement:** Soprema Flashing Reinforcement, a polyester stitch-bonded reinforcing fleece.
- Membrane Protection:** WPA Drainage Cell, a drainage cell and root-resistant protection board.

WATER TANKS

- 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.

COURTYARD

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

PLAYGROUND

- 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).

INTERNAL WET 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.
- Fillets / Bond Breaker:** WPA SPUR, a high quality, professional, universal, low modulus sealant.
- Membrane:** WPA Rapid, a waterborne, flexible waterproofing membrane.
- Screed:** ACS Traditional Floor Screed, a pre-blended screed underlayment specially formulated for internal & external floor areas (if required).
- 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, a mould-resistant, non-diluted, high-performance, UV-resistant, neutral cure silicone sealant.

