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Preambles Waterproofing

Sheeted Roof Waterproofing

New sheeting needs to be properly cleaned using NUI Galv-Clean 760 to ensure the complete removal of any oil or wax layers.

Application of the Ultracote 525 single component acrylic waterproofing system may be undertaken by brush, roller or spray. Apply each coat at a maximum of 1.1Lt per m² to achieve a final coating thickness of 0.5-1mm on the sheeting body & 1.5-2mm over the Sheeting laps reinforced with a Polyester membrane.

Flat Roof Waterproofing

Waterproofing to screed under insulation

Application of Ultraprime 800MT primer system to the prepared substrate to be undertaken by Squeegee, brush or roller at 200-250µm. Apply a single coat of Ultraseal 400-800M 2 component, 100% Volume solids Polyurethane system, using a suitable 2 component gear pump machine to achieve a final thickness of minimum 1.5-2mm. Cover with specified PIR insulation followed by >50mm ballast.

Waterproofing to screed (Exposed)

Application of Ultraprime 800MT primer system to the prepared substrate to be undertaken by Squeegee, brush or roller at 200-250µm. Apply a single coat of Ultraseal 400-800M 2 component, 100% Volume solids Polyurethane system, using a suitable 2 component gear pump machine to achieve a final thickness of minimum 1.5-2mm.

Apply a single coat of the Ultracote 850G series two component vinyl reinforced urethane aliphatic system, using a brush, roller or airless spray at 50-100µm.

Waterproofing to screed under ballast

Application of Ultraprime 800MT primer system to the prepared substrate to be undertaken by Squeegee, brush or roller at 200-250µm. Apply a single coat of Ultraseal 400-800M 2 component, 100% Volume solids Polyurethane system, using a suitable 2 component gear pump machine to achieve a final thickness of minimum 1.5-2mm. Cover waterproofing with ballast as per architect / engineers specification.

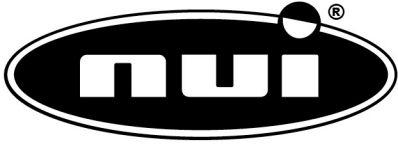
Waterproofing Green Roof / Planter Box

Application of Ultraprime 800MT primer system to the prepared substrate to be undertaken by Squeegee, brush or roller at 200-250µm. Apply a single coat of Ultraspray 402 Polyurea system using a suitable 2 component high pressure spray machine to achieve a final thickness of minimum 2-3mm. Install the necessary drainage layer followed by >150mm soil.



Directors: D.W.Goldsmith; M.J.Yacoby; D.M Slade

K2020821246 (SOUTH AFRICA) PROPRIETARY LIMITED T/A NATIONAL URETHANE INDUSTRIES (REG NR: 2020/821246/07)



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Balcony Waterproofing

Waterproofing Exposed

Application of Ultraprime 800MT primer system to the prepared substrate to be undertaken by Squeegee, brush or roller at 200-250µm. Apply 2 coats of Polybron 350-012HBC, two component, 100% Volume solids Polyurethane system, to achieve a thickness of 2-3mm. Apply a single coat of the Ultracote 850G series two component vinyl reinforced urethane aliphatic system, using a brush, roller or airless spray at 75-100µm.

Waterproofing under tiles

Application of Ultraprime 800MT primer system to the prepared substrate to be undertaken by Squeegee, brush or roller at 200-250µm. Apply 2 coats of Polybron 350-012HBC, two component, 100% Volume solids Polyurethane system, to achieve a thickness of 1.5-2mm. Apply a third coat Polybron 350-012HBC and whilst wet, broadcast 0.8-1.2mm silica sand evenly over the wet Polyurethane surface. Once cured, tile over as per architect's specification.

Parking Deck Waterproofing

Waterproofing Exposed

Application of Ultraprime 800MT primer system to the prepared substrate to be undertaken by Squeegee, brush or roller at 200-250µm. Apply a single coat of Ultraspray 402 Polyurea system using a suitable 2 component high pressure spray machine to achieve a final thickness of minimum 4mm.

Apply a single coat of the Ultracote 850G series two component vinyl reinforced urethane aliphatic system, using a brush, roller or airless spray at 75-100µm.

Waterproofing Covered

Application of Ultraprime 800MT primer system to the prepared substrate to be undertaken by Squeegee, brush or roller at 200-250µm. Apply a single coat of Ultraspray 402 Polyurea system using a suitable 2 component high pressure spray machine to achieve a final thickness of minimum 2-3mm.

Apply the necessary slip sheet followed by the engineer's specified topping.

Retaining Structure Waterproofing

Application of Ultraprime 800MT primer system to the prepared substrate to be undertaken by brush or roller at 200-250µm. Apply two coats of Ultraseal 400-800M 2 component, 100% Volume solids Polyurethane system, using a suitable 2 component gear pump machine to achieve a final thickness of minimum 4mm.

Install the necessary drainage layer followed by river sand prior to backfilling with general soil as per the engineer's specification.



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