

Waterproofing Specification

Project: meyFC lightweight fibre cement sheeting

Prepared For: Meyer Timber

Date: 30/01/2026

Specification Ref: 3137-0397



Application	INTERNAL WET AREAS – BATHROOMS, SHOWERS ETC
Surface Finish	CERAMIC TILES
Membrane Type	LIQUID MEMBRANE
Membrane System	OPTION 1: RLA WPU HYBRID POLYURETHANE MEMBRANE OPTION 2: RLA WPM SBR LATEX MEMBRANE
Scope	The following specification is based on the installation of the waterproofing and tiling systems over meyFC lightweight fibre cement sheet flooring
Substrates and Surfaces	Must be structurally sound and stable. Approved internal wet area grade linings, constructed and installed to manufacturers recommendations in line with all current, relevant building codes and standards at the time of application
Preparatory	All surfaces are to be clean, sound, smooth, dry, and free from loose material, dirt, dust, oil, grease, wax residues, laitance, curing compounds, release agents, existing coatings, moss, algae, sharp protruding objects and general surface contaminants that may compromise the adhesion of the overlaid membrane system Structurally unsound layers and surface contaminants to be mechanically removed by grinding, abrasive blasting or equivalent methods. Masonry surfaces to be pointed flush, and all surface defects including voids, holes, pitted sections, heavy undulations and non-structural cracks to be filled and levelled. Refer to the RLA range of repair mortars and levelling compounds for options Leak control flanges are to be rebated into floor surface enabling lip of flange to sit flush with surrounding substrate
Product Installation	The installation of the documented RLA membrane system is to be installed as per pertinent, current TDS, in line with current edition, relevant volume and sections of the NCC (National Construction Code of Australia), applicable standards and industry guides pertaining to waterproofing applications within the scope of use for the product. All other materials used in conjunction with the membrane system must be compatible and approved by the manufacturer
Priming	<u>Walls</u> RLA POROUS PRIMER (Porous/absorbent surfaces) Coverage: Apply at coverage of 1litre/8-10m ² per coat <u>Floors</u> OPTION 1: RLA NON POROUS PRIMER (Non-porous/non-absorbent surfaces/fixtures) Coverage: Apply at coverage of 1litre/10m ² per coat OPTION 2: RLA MOISTURE SEAL Coverage: Apply at coverage of 1litre/4m ² per coat forming a 200micron wet film thickness Installation: Apply relevant primer to horizontal and vertical surfaces to the extent of the waterproofing system installation
Joint Transitions/ Bondbreakers	Bondbreaker Options OPTION 1: ELASTOPROOF B50 JOINT BAND OPTION 2: BRW PF TAPE OPTION 3: RLA MAX SMP 25 (Use with RLA WATERPROOF BANDAGE for additional reinforcement as required) Installation: Apply to perimeter wall/floor junctions, shower wall/wall junctions, structural floor sheeting abutments and movement joints General joint transitions & non movement joints, shower niches etc RLA MAX SMP 25 SEALANT + RLA WATERPROOF BANDAGE Installation: Apply to general vertical/horizontal joint transitions as required

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Floor/Wall Pipes, Penetrations & Fixtures	<p>OPTION 1: ELASTOPROOF COLLARS</p> <p>OPTION 2: BRW PF TAPE</p> <p>OPTION 3: RLA MAX SMP 25 SEALANT + RLA WATERPROOF BANDAGE</p> <p>OPTION 4: BRW PF SQUARES (leak control flanges)</p> <p>Installation: Seal perimeter of wall and floor pipes, penetrations and general fixtures ensuring voids/gaps between penetration/fixture and substrate are bridged</p>
Membrane	<p>RLA WPU / RLA WPM</p> <p>Coverage: Apply 2 x coats at total minimum coverage of 1.5litres/m² to form a 0.9mm dry film thickness. Each coat to be applied at 750micron wet film thickness</p> <p>Installation: Apply over primed vertical and horizontal surfaces. Turn membrane up and seal to penetrations and fixtures and return onto/into floor wastes as required</p>
Tiling	<p>All tiling to be carried out as per AS 3958 – Installation of Ceramic and Stone Tiles</p>
Screeding	<p>OPTION 1: RLA TRULEVEL ECONOSCREED Pre-mixed, engineered screed system</p> <p>OPTION 2: SITE MIX</p> <p>Dry components: Mix 4 parts sand: 1 parts cement by volume</p> <p>Mixing Liquid: RLA PLASTINEX Additive to be incorporated with water at 1:4 ratio as mixing liquid</p> <p>Method: Combine dry and liquid components to the required consistency</p> <p>Slurry Primer: 1 part RLA PLASTINEX 1 part sand: 1 part cement</p> <p>Method: Combine dry and liquid components to form a paintable slurry consistency</p> <p>Installation: Apply slurry primer to surface at 1-2mm wet film thickness Apply selected screed over wet coat of Plastinex slurry primer as a “wet on wet” application to required falls</p>
Tile Adhesive	<p>OPTION 1: RLA UNIGRIP</p> <p>OPTION 2: RLA MASTIK</p>
Grout	<p>OPTION 1: RLA LUMINOUS GROUT</p> <p>OPTION 2: RLA LUMINOUS SSG</p>
Silicone sealant	<p>OPTION 1: RLA silikön 700</p> <p>OPTION 2: RLA LUMINOUS SILICONE</p>

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Application	INTERNAL WET AREAS – BATHROOMS, SHOWERS ETC
Surface Finish	CERAMIC TILES
Membrane Type	CEMENTITIOUS LIQUID MEMBRANE
Membrane System	RLA 2PART 2 PART CEMENTITIOUS MEMBRANE
Scope	The following specification is based on the installation of the waterproofing and tiling systems over meyFC lightweight fibre cement sheet flooring
Substrates and Surfaces	Must be structurally sound and stable. Approved substrates, fit for purpose, constructed and installed to manufacturers recommendations in line with all current, relevant building codes and standards at the time of installation
Preparatory	<p>All surfaces are to be clean, sound, smooth, dry, and free from loose material, dirt, dust, oil, grease, wax residues, laitance, curing compounds, release agents, existing coatings, moss, algae, sharp protruding objects and general surface contaminants that may compromise the adhesion of the overlaid membrane system</p> <p>Structurally unsound layers and surface contaminants to be mechanically removed by grinding, abrasive blasting or equivalent methods.</p> <p>Masonry surfaces to be pointed flush, and all surface defects including voids, holes, pitted sections, heavy undulations and non-structural cracks to be filled and levelled. Refer to the RLA range of repair mortars and levelling compounds for options</p> <p>Leak control flanges are to be rebated into floor surface enabling lip of flange to sit flush with surrounding substrate</p>
Product Installation	The installation of the documented RLA membrane system is to be installed as per pertinent, current TDS, in line with current edition, relevant volume and sections of the NCC (National Construction Code of Australia), applicable standards and industry guides pertaining to waterproofing applications within the scope of use for the product. All other materials used in conjunction with the membrane system must be compatible and approved by the manufacturer
Priming	<p><u>Walls</u></p> <p>RLA POROUS PRIMER (Porous/absorbent surfaces) Coverage: Apply at coverage of 1litre/8-10m² per coat</p> <p><u>Floors</u></p> <p>OPTION 1: RLA NON POROUS PRIMER (Non-porous/non-absorbent surfaces/fixtures) Coverage: Apply at coverage of 1litre/10m² per coat</p> <p>OPTION 2: RLA MOISTURE SEAL Coverage: Apply at coverage of 1litre/4m² per coat forming a 200micron wet film thickness</p> <p>Installation: Apply relevant primer to horizontal and vertical surfaces to the extent of the waterproofing system installation</p>
Joint Transitions/ Bondbreakers	<p>Bondbreaker Options</p> <p>OPTION 1: ELASTOPROOF B50 JOINT BAND</p> <p>OPTION 2: BRW PF TAPE</p> <p>Installation: Apply to perimeter wall/floor junctions, shower wall/wall junctions, structural floor sheeting abutments and movement joints</p> <p>General joint transitions & non movement joints, shower niches etc</p> <p>RLA MAX SMP 25 SEALANT + RLA WATERPROOF BANDAGE</p> <p>Installation: Apply to general vertical/horizontal joint transitions as required</p>

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Floor/Wall Pipes, Penetrations & Fixtures	<p>OPTION 1: ELASTOPROOF COLLARS</p> <p>OPTION 2: RLA BRW PF TAPE</p> <p>OPTION 3: RLA MAX SMP 25 SEALANT + RLA WATERPROOF BANDAGE</p> <p>OPTION 4: RLA BRW PF SQUARES (leak control flanges)</p> <p>Installation: Seal perimeter of wall and floor pipes, penetrations and general fixtures ensuring voids/gaps between penetration/fixture and substrate are bridged</p>
Membrane	<p>RLA 2PART</p> <p>Coverage: Apply 2 x coats at total minimum coverage of 1.5litres/m² to form a 1.2mm dry film thickness. Each coat to be applied at 750micron wet film thickness</p> <p>Installation: Apply over primed vertical and horizontal surfaces. Turn membrane up and seal to penetrations and fixtures and return onto/into floor wastes as required</p>
Tiling	<p>All tiling to be carried out as per AS 3958 – Installation of Ceramic and Stone Tiles</p>
Screeding	<p>OPTION 1: RLA TRULEVEL ECONOSCREED Pre-mixed, engineered screed system</p> <p>OPTION 2: SITE MIX</p> <p>Dry components: Mix 4 parts sand: 1 parts cement by volume</p> <p>Mixing Liquid: RLA PLASTINEX Additive to be incorporated with water at 1:4 ratio as mixing liquid</p> <p>Method: Combine dry and liquid components to the required consistency</p> <p>Slurry Primer: 1 part RLA PLASTINEX 1 part sand: 1 part cement</p> <p>Method: Combine dry and liquid components to form a paintable slurry consistency</p> <p>Installation: Apply slurry primer to surface at 1-2mm wet film thickness Apply selected screed over wet coat of Plastinex slurry primer as a “wet on wet” application to required falls</p>
Tile Adhesive	<p>OPTION 1: RLA UNIGRIP</p> <p>OPTION 2: RLA MASTIK</p>
Grout	<p>OPTION 1: RLA LUMINOUS GROUT</p> <p>OPTION 2: RLA LUMINOUS SSG</p>
Silicone sealant	<p>OPTION 1: RLA silikön 700</p> <p>OPTION 2: RLA LUMINOUS SILICONE</p>

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Application	EXTERNAL WET AREAS – BALCONIES, PODIUMS, TERRACES
Surface Finish	CERAMIC TILES
Membrane Type	LIQUID MEMBRANE
Membrane System	OPTION 1: RLA WPU HYBRID POLYURETHANE MEMBRANE OPTION 2: RLA WPM SBR LATEX MEMBRANE
Scope	The following specification is based on the installation of the waterproofing and tiling systems over meyFC lightweight fibre cement sheet flooring
Substrates and Surfaces	Must be structurally sound and stable. Approved external grade substrates, fit for purpose, constructed and installed to manufacturers recommendations in line with all current, relevant building codes and standards at the time of application
Preparatory	All surfaces are to be clean, sound, smooth, dry, and free from loose material, dirt, dust, oil, grease, wax residues, laitance, curing compounds, release agents, existing coatings, moss, algae, sharp protruding objects and general surface contaminants that may compromise the adhesion of the overlaid membrane system Structurally unsound layers and surface contaminants to be mechanically removed by grinding, abrasive blasting or equivalent methods. Masonry surfaces to be pointed flush, and all surface defects including voids, holes, pitted sections, heavy undulations and non-structural cracks to be filled and levelled. Refer to the RLA range of repair mortars and levelling compounds for options Leak control flanges are to be rebated into floor surface enabling lip of flange to sit flush with surrounding substrate
Product Installation	The installation of the documented RLA membrane system is to be installed as per pertinent, current TDS, in line with current edition, relevant volume and sections of the NCC (National Construction Code of Australia), applicable standards and industry guides pertaining to waterproofing applications within the scope of use for the product. All other materials used in conjunction with the membrane system must be compatible and approved by the manufacturer
Priming	OPTION 1: RLA NON POROUS PRIMER (Non-porous/non-absorbent surfaces/fixtures) Coverage: Apply at coverage of 1litre/10m² per coat OPTION 2: RLA MOISTURE SEAL Coverage: Apply at coverage of 1litre/4m² per coat forming a 200micron wet film thickness Installation: Apply relevant primer to horizontal and vertical surfaces to the extent of the waterproofing system installation
Joint Transitions/ Bondbreakers	OPTION 1: ELASTOPROOF B50 JOINT BAND OPTION 2: BRW PF TAPE OPTION 3: RLA MAX SMP 25 (Use with RLA WATERPROOF BANDAGE for additional reinforcement as required) Installation: Apply to perimeter wall/floor junctions, structural floor sheeting abutments, movement joints and general joint transitions
Floor Penetrations & Fixtures	OPTION 1: ELASTOPROOF COLLARS OPTION 2: BRW PF TAPE OPTION 3: RLA MAX SMP 25 SEALANT + RLA WATERPROOF BANDAGE OPTION 4: BRW PF SQUARES (leak control flanges) Installation: Seal perimeter floor penetrations and general fixtures ensuring voids/gaps between penetration/fixture and substrate are bridged
Membrane	RLA WPU / RLA WPM Coverage: Apply 2 x coats at total minimum coverage of 1.5litres/m² to form a 0.9mm dry film thickness. Each coat to be applied at 750micron wet film thickness Installation: Apply over primed horizontal surfaces and wall upturns. Turn membrane up and seal to penetrations and fixtures and return onto/into floor wastes as required

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Tiling	All tiling to be carried out as per AS 3958 – Installation of Ceramic and Stone Tiles
Screeding	OPTION 1: RLA TRULEVEL ECONOSCREED Pre-mixed, engineered screed system OPTION 2: SITE MIX Dry components: Mix 4 parts sand: 1 parts cement by volume Mixing Liquid: RLA PLASTINEX Additive to be incorporated with water at 1:4 ratio as mixing liquid Method: Combine dry and liquid components to the required consistency Slurry Primer: 1 part RLA PLASTINEX 1 part sand: 1 part cement Method: Combine dry and liquid components to form a paintable slurry consistency Installation: Apply slurry primer to surface at 1-2mm wet film thickness Apply selected screed over wet coat of Plastinex slurry primer as a “wet on wet” application to required falls
Tile Adhesive	OPTION 1: RLA UNIGRIP OPTION 2: RLA MASTIK
Grout	OPTION 1: RLA LUMINOUS GROUT OPTION 2: RLA LUMINOUS SSG
Silicone sealant	OPTION 1: RLA silikön 700 OPTION 2: RLA LUMINOUS SILICONE

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Membrane System	<u>RLA 2PART</u> 2 PART CEMENTITIOUS MEMBRANE
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Joint Transitions/ Bondbreakers	OPTION 1: <u>ELASTOPROOF B50 JOINT BAND</u> OPTION 2: <u>BRW PF TAPE</u> Installation: Apply to perimeter wall/floor junctions, structural floor sheeting abutments and movement joints
Floor Penetrations & Fixtures	OPTION 1: <u>ELASTOPROOF COLLARS</u> OPTION 2: <u>BRW PF TAPE</u> OPTION 3: <u>RLA MAX SMP 25 SEALANT + RLA WATERPROOF BANDAGE</u> OPTION 4: <u>BRW PF SQUARES</u> (leak control flanges) Installation: Seal perimeter of floor penetrations and general fixtures ensuring voids/gaps between penetration/fixture and substrate are bridged
Membrane	<u>RLA 2PART</u> Coverage: Apply 2 x coats at total minimum coverage of 1.5litres/m ² to form a 1.2mm dry film thickness. Each coat to be applied at 750micron wet film thickness Installation: Apply over primed vertical and horizontal surfaces. Turn membrane up and seal to penetrations and fixtures and return onto/into floor wastes as required

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Disclaimer	All technical details, recommendations, and general information in this document are provided in good faith and represent our best knowledge based on experience, industry insights, and testing. However, they should not be considered site-specific documentation for general distribution. As actual project and application conditions may vary, the installer is responsible for ensuring the relevance, practicality, and suitability of any recommendations provided. All technical information herein is valid for 12 months from the date of issue. The RLA range of products should only be used by experienced professionals and after detailed examination and written approval of the corresponding project details by the Technical Support Department of RLA Polymers. Although we believe our tests to be reliable, we do not guarantee their accuracy. Users assume all risks and liabilities resulting from the use of the products and must confirm their suitability through their own tests. Conditions of Sale include a limited warranty against manufacturing defects. Users must always refer to the most recent edition of the local Product Data Sheet for the product concerned copies of which can be supplied upon request.

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