ROMANO
Indoor & Outdoor Solutions

SPEC SHEET

RLA / WATERPROOFING

2 Part Cementitious Membrane



RANGE
Tiling
TYPE
Waterproofing
USE IT FOR
Under tile, below ground and immersed waterproofing
SIZES
40 kg kit (2 x 10 kg powder + 20 L liquid)
MATERIAL
Two part cementitious
STANDARDS
AS 4858, AS 4654.1, AS 4020, Class II
COVERAGE
23 m2 per 40 kg kit

WARRANTY (DOMESTIC USE)

Manufacturing defects: product replaced free of charge

Conditions: used as directed on the technical data sheet; proof of purchase; covers the product itself, not labour. Summary of the RLA technical data sheet guarantee, checked 7 November 2026. Full terms from Romano or the brand.

FEATURES

- Class II membrane
- Quick drying
- Suits immersed areas and pools
- Potable water approved (AS 4020)

DIMENSIONS

The dimension drawing and full specifications from RLA follow on the next page.

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RLA POLYMERS

TDS
Technical Data Sheet

2 PART

TWO COMPONENT CEMENTITIOUS MEMBRANE



DESCRIPTION:

RLA 2PART is a versatile, 2 component cementitious membrane. Combining quick drying, tough and durable characteristics of cementitious membranes with the flexibility of pre mixed alternatives, RLA 2 Part is suitable for a broad range of waterproofing applications including under tile, subterranean and immersed areas.

FEATURES AND BENEFITS:

- Class II membrane
- Flexible
- High adhesion strength
- Tough, durable finish
- Fast drying
- UV Stable
- Suitable for immersed environments
- Compatible surface for direct fixing of tiles and toppings
- Independently tested and certified to AS4858 and AS 4654.1 for internal and external wet areas
- Potable water approved to AS 4020

USES:

- Internal wet areas, showers, laundries, and bathrooms
- External wet areas, balconies
- Planter boxes
- Retaining walls
- Ponds and water features
- Swimming pools
- Potable water storage facilities & retention tanks
- Façade walls under tiles and stone

SUBSTRATES:

- Concrete
- Render
- Screed
- Masonry
- Compressed fibre cement sheeting
- Plasterboard

NOTE: For suitability over any substrate or material types not listed above, contact RLA Technical Department for confirmation of suitability and surface preparation

SURFACE PREPARATION:

- All surfaces are to be clean, sound, smooth, dry, and free from loose material, dirt, dust, oil, grease, wax residues, curing compounds, release agents, existing coatings, moss, algae, sharp protruding objects and all contaminating materials that could compromise the adhesion of the overlaid membrane system
- Structurally unsound layers and surface contaminants must be mechanically removed.
- Masonry surfaces to be pointed flush, and all surface defects including voids, holes, damaged and pitted sections, cracks and heavy undulations to be filled, made sound and level. Refer to the RLA range of surface preparation aids and repair compounds for options
- All surfaces and substrates must be fit for purpose, constructed and installed to manufacturer's recommendations and relevant building standards in force at time of application
- Concrete to be allowed to cure for at least 28 days, and cement render/sand cement screeds allowed to cure for at least 7 days

PRIMING:

2 Part must be applied over primed surfaces:

POROUS/ABSORBENT SURFACES:
RLA POROUS PRIMER
Apply 1-2 coats @ coverage of 1litre/8m² per coat

NON POROUS/ NON ABSORBENT SURFACES:
RLA NON POROUS PRIMER
Apply 1 coat @ coverage of 1litre/8-10m²

DAMP SURFACES/SURFACES WITH RESDUAL MOISTURE >80% RH when tested to ASTM F2170 or 5% moisture content when tested to ASTM F2659
RLA MOISTURE SEAL
Apply 1-2 x coats @ coverage of litre/4m² per coat

Installation
Apply the appropriate primer to surfaces by brush or roller to the extent of the waterproofing application, in line with relevant standards and project specifications
Refer to RLA primer data sheets for specific application details

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Pages from RLA's own specification. Ask us about this product, we're happy to help.
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RLA POLYMERS TDS Technical Data Sheet

DETAILING & BONDBREAKER SYSTEM:

Bondbreaker & Joint Transitions (AS 3740 & AS 4654.1)	Option A ELASTOPROOOF JOINT BAND
	Option B BRW PF TAPE**
Pipes and penetrations	Option A ELASTOPROOF COLLARS
	Option B BRW PF TAPE**
	Option C RLA MAX SMP 25**
Leak control flanges & general fixtures	Option A RLA MAX SMP 25**
	Option B BRW PF TAPE**
Static cracks ≥1mm up to 6mm/ screw/nail holes	RLA MAX SMP 25**

****Not suitable for immersed applications**

Bondbreaker/Sealing Tape System Option #1

- Measure and cut **ELASTOPROOF JOINT BAND** bond breaker tape for joints/junctions to be sealed.
- Apply first coat of RLA 2 Part membrane by brush or roller in a 150mm wide strip applied centrally over the joint, and embed the Elastoproof Joint Band into the wet coat
- Using a brush, press down firmly over the face of the Joint Band ensuring all creases or air pockets behind fabric edges are pushed out
- Apply a second coat of 2 Part membrane to fully encapsulate the Joint Band and affix to the surface
- **ELASTOPROOOF CORNERS** are available for both internal (90°) and external (270°) junctions

Bondbreaker/Sealing Tape System Option #2

- Unroll **BRW PF TAPE** and measure the required lengths for joints to be sealed. Cut the tape using scissors or knife
- Gradually remove release paper and position the tape in place, placing centrally over the joint
- Press into place with a spatula, roller, or cloth, ensuring air pockets and creases are pushed out

Pipes and penetrations

- For floor pipes/penetrations protruding floors and walls, **ELASTOPROOOF COLLARS** are to be fitted over the neck of the pipe and fixed into wet bed of 2 Part Membrane
- Where Elastoproof Collars are not used, create flanges using lengths of the **BRW PF TAPE**. Cut a circular aperture into the centre of a length and slide over the penetration to seal and adhere to the substrate
- Alternatively, seal around base of penetration with a liberal bead of **MAX SMP 25***

Leak control flanges & general fixtures

- Seal perimeter of the flanges and general fixtures to the substrate with **MAX SMP 25***
- Alternatively, seal with lengths of **BRW PF TAPE**

Static cracks ≥1mm up to 6mm / nail/screw holes

- Clean and remove any loose material from inside the crack/ screw hole
- Fill flush with surrounding surface with **MAX SMP 25***

*** RLA Waterproof Bandage can be considered for use in conjunction with RLA SMP Sealant for additional reinforcement**

MIXING:

RLA 2 Part consist of 2 x 10kg dry component bags (Part A) and a 20Litre liquid component (Part B)

- Pour half (10litres) of the Part B liquid into the 20L bucket housing the dry component bags
- While mixing with an electric stirrer and paddle mix attachment, slowly add one 10 kg bags of powder and continue mixing until a smooth, lump free consistency is achieved
- Allow the mix to stand for 5 minutes and remix for a few second before use.
- Smaller quantities can be mixed as required using the same ratios.
- Pot life is approximately 1 hour but may be reduced in warmer conditions
- Always add powder to the liquid.
  Note: DO NOT MIX BY HAND

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