ROMANO
Indoor & Outdoor Solutions

SPEC SHEET

RLA / WATERPROOFING

1Komponent Cementitious Membrane



RANGE
Tiling
TYPE
Waterproofing
USE IT FOR
Positive and negative side waterproofing, including under tile
COLOURS
Light grey
SIZES
20 kg
MATERIAL
Cement based, fibre reinforced
STANDARDS
AS 4858, AS 4654.1, AS 3740, AS 4020
COVERAGE
Approx. 7.5 m2 per 20 kg bag

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

- One part, just add water
- Fibre reinforced and flexible
- Potable water approved (AS 4020)
- Class 1 membrane

DIMENSIONS

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

RLA POLYMERS

TDS
Technical Data Sheet

1 KOMPONENT

ONE COMPONENT, FIBRE REINFORCED CEMENTITIOUS MEMBRANE



DESCRIPTION:

RLA 1KOMPÖNENT is a dynamic, fibre-reinforced cementitious membrane comprising specially graded aggregates and polymers. Producing a highly durable and flexible finish, 1K is capable of withstanding significant flexural strain to be suitable for a broad range of positive and negative waterproofing applications

FEATURES AND BENEFITS:

- Can be applied to damp surfaces
- Primeless adhesion over porous mineral surfaces
- High adhesion strength
- Tough, durable finish
- Suitable for immersed environments
- Good crack bridging properties
- Compatible surface for direct fixing of tiles and toppings
- Can withstand 5 bar positive and 1.5 bar negative hydrostatic pressure
- Independently tested and certified to AS/NZ 4858:2004 and AS/NZ 4654.1:2012 for internal and external wet areas
- Potable water approved to AS4020

USES:

- Internal wet areas, showers, laundries, and bathrooms
- External wet areas, balconies, decks, podiums/terraces
- Planter boxes
- Retaining walls
- Lift pit and basement walls
- Ponds and water features
- Swimming pools
- Façade walls under tiles and stone
- Internal basement walls as a damp proof membrane

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, laitance, 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, static cracks and heavy undulations to be filled, repaired, made sound and level. Refer to the RLA range of surface preparation aids and repair compounds for suitable 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

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Pages from RLA's own specification. Ask us about this product, we're happy to help.
Romano Indoor & Outdoor Solutions, 4/126 Canterbury Rd, Kilsyth South VIC 3137. 03 9720 4633. sales@romanoios.com.au

RLA POLYMERS

TDS
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PRIMING:

POROUS/ABSORBENT SURFACES:

Porous surfaces can be pre dampened with a light water mist. Surfaces should be damp but not wet or with standing water

NON POROUS/ NON ABSORBENT SURFACES:

Non porous mineral surfaces including steel-trowelled, burnished and dense concrete must be mechanically abraded to roughen surface and provide a suitable key. Once abraded, surfaces should be pre dampened with a light water mist as per instructions above.

For priming over PVC, metal and glazed surfaces refer to **RLA NON POROUS PRIMER**
Apply 1 coat @ coverage of 1litre/8-10m^2

Installation
Apply primer/dampen surfaces by brush, roller or spray mister 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

DETAILING & BONDBREAKER SYSTEM:

Bondbreaker & Joint Transitions (AS 3740 & AS 4654.1)	Option A ELASTOPROOF 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 ≥0.75mm 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** for ALL movement joints/junctions to be sealed
- Apply first coat of RLA 1K membrane by brush or roller in a 150mm wide strip applied centrally over the joint, and embed the 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 1K membrane to fully encapsulate the Joint Band and affix to the surface
- **ELASTOPROOF 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, **ELASTOPROOF COLLARS** are to be fitted over the neck of the pipe and fixed into wet bed of 1K 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*** sealant

Leak control flanges, static cracks & 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**

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