ROMANO
Indoor & Outdoor Solutions

SPEC SHEET

RLA / TILE ADHESIVES

Tileflex Tile Adhesive



RANGE
Tiling
TYPE
Tile adhesives
USE IT FOR
Ceramic and porcelain wall and floor tiles, indoors and out
COLOURS
Off white
SIZES
20 kg
MATERIAL
Cement based, rubber modified
STANDARDS
AS ISO 13007 C2TES1
COVERAGE
7 to 8 m2 per 20 kg bag (10 mm notch)

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

- Flexible, rubber modified
- Non slump for wall tiling
- Improved yield and coverage
- Suits RLA approved waterproofing membranes

DIMENSIONS

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

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RLA POLYMERS

TDS
Technical Data Sheet

TILEFLEX

NON SLUMP, RUBBER MODIFIED ADHESIVE



DESCRIPTION:

RLA TILEFLEX is an off white, flexible rubber modified tile adhesive designed for bonding most types of ceramic and porcelain tiles for internal and external applications.
With excellent non slump properties and improved formulation for enhanced yield and coverage, Tileflex presents as a high efficiency rubber based adhesive option

FEATURES & BENEFITS:

- C2TES1 Classification
- Improved formulation for enhanced yield and coverage
- Economical
- Good workability and material consistency
- Excellent non slump properties

USES:

- Floor and wall tiling to internal and external areas*
- Internal/external wet areas*
- Fixing porcelain and vitrified tiles, mosaics and natural stone (not moisture sensitive)

IMPORTANT: When used externally, floors to have adequate falls to drainage and no ponding areas

SUBSTRATES:

- Concrete
- Screed
- Render
- Compressed fibre cement sheeting
- Ceramic tile underlay
- Plasterboard
- RLA wet area membranes

SURFACE PREPARATION:

- Ensure all surfaces are clean, sound, dry, and free from dirt, dust, oil, grease, wax residues, laitance, curing compounds, release agents, paints, sharp protruding objects and all other loose and contaminating materials that could compromise the adhesion of the overlaid tiling system.
- All surfaces and substrates to be fit for purpose for their intended use and installed as per manufacturers recommendations, relevant building codes and standards enforced at the time of installation
- Ensure all concrete slabs are allowed to cure for at least 6 weeks and have a wood float finish
- Steel-trowelled, burnished and dense concrete surfaces must be mechanically abraded to roughen surfaces and provide a key before commencing tiling. Alternatively, surfaces can be primed with **RLA NON POROUS PRIMER**
- Rendered and screeded surfaces must be allowed to cure for at least 7 days before commencing tiling.
- Existing tiled surfaces must be well bonded, sound and secure. Surface of tiles to be mechanically abraded/roughened to remove at least 80% of the tile glaze for direct fixing. Alternatively, prime tiled surfaces with **RLA NON POROUS PRIMER**

PRIMING:

Highly porous and non-porous surfaces to be primed before installation of Tileflex

POROUS/ABSORBENT SURFACES:

- Apply **RLA POROUS PRIMER** by brush or roller at a minimum coverage of 1litre/8m^2 per coat to the substrate and allow to dry

NON POROUS/NON ABSORBENT SURFACES

- Apply **RLA NON POROUS PRIMER** by brush or roller at a minimum coverage of 1litre/10m^2 to the substrate and allow to dry

NOTE: Refer to RLA primer data sheets for specific application and coverage 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

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MIXING:

- The mixing ratio of Tileflex is 6 litres of water per 20kg bag.
- Pour 6 litres of clean water into a clean pail and gradually add the Tileflex while mixing continuously using an electric stirrer with paddle attachment until a smooth, lump-free consistency is obtained.
- Always add powder to the liquid.
- Allow the mix to stand for 3 minute and re-stir before applying the adhesive onto the substrate.

APPLICATION:

- All preparation and tiling should be carried out in accordance with AS 3958
- Once the surface has been suitably prepared, apply the adhesive onto the substrate using an appropriately sized notched trowel for the tile size
- For tiles larger than 300 x 300mm back-butter the tiles in addition to notching the floor
- With Clip systems use a 12,15 or 20mm notch and back butter the tile to ensure coverage complies with the standard
- Tileflex should be applied onto the substrate at a rate of 1m^2 at time. Application rates greater than this can result in the adhesive skinning before the tiles are laid
- Once the adhesive skins, do not lay tiles into it, remove and re-apply fresh adhesive.
- When placing the tiles, press them into the wet bed of adhesive by using a sliding action. Ensure no voids occur and full coverage of adhesive is under the tiles.
- For tiles with lugs, grooves or uneven backing it may be required to butter the back of the tile with adhesive in addition to trowelling the adhesive onto the substrate.
- The final bed thickness of the adhesive should be at least 2mm for wall tiling and 3mm for floor tiling.
- Once the tiling is completed do not disturb the tiled surface for at least 24 hours at 20°C.

COVERAGE:

- 7-8m^2

EXPANSION / MOVEMENT JOINTS:

- Movement joints to be installed as per AS 3958

GROUTING APPLICATION:

- Grouting application can commence after adhesive has cured for 24 hours at 23°C, or until the adhesive has hardened sufficiently that tiles are well fixed and will not be displaced during the grouting application*
- Any adhesive that has leached into the grout joint must be raked out with a knife/spatula etc. prior to grouting
- Use RLA LUMINOUS GROUT or RLA COLOURED GROUT as per product installation recommendations
- Protect tiling from rain and inclement weather until 24 hours after grouting is complete.
  ***Drying times may be extended in humid conditions and colder temperatures.**

CLEAN UP:

- Excess adhesive from the face of the tiles can be cleaned up with a damp cloth while the adhesive is still in a wet state
- Tools and other equipment can be cleaned using water while the adhesive is still wet.
- Dried adhesive to be removed by mechanical means

PACKAGING:

20kg Bags

SHELF LIFE & STORAGE:

- 12 months stored in original unopened packaging
- Best stored in a dry area at room temperature
- Keep off cold floors and out of direct sunlight

HEALTH & SAFETY:

For information and advice on the safe handling, first aid, storage and disposal of chemical products, users must refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

LIMITATIONS:

- Do not apply Tileflex when surface or ambient temperatures are above 35°C and below 5°C.
- Tileflex is not suitable for tiling over timber flooring.
- Not suitable for use with moisture sensitive stone
- Not suitable for use in immersed applications or pool surrounds
- For detailed advice on applications not mentioned in this TDS, contact the RLA Technical Department

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