ROMANO
Indoor & Outdoor Solutions

SPEC SHEET

RLA / GROUT

Epoxy Grout



RANGE
Tiling
TYPE
Grout
USE IT FOR
Chemical resistant grout for pools, kitchens and heavy duty floors and walls
COLOURS
Arctic, Mid Grey, Slate, Charcoal
SIZES
5 kg
MATERIAL
Two part epoxy
CODE
620400 (Arctic) / 620401 (Mid Grey) / 620402 (Slate) / 620403 (Charcoal)

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

- Two part, pre batched kit
- Joints 1 to 15 mm wide
- No water absorption, high chemical resistance
- Suits pools, spas and wet areas

DIMENSIONS

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

TDS
Technical Data Sheet



Epoxy Grout

DESCRIPTION:

Two-part anti-acid epoxy mortar. Part A consists of a mixture of epoxy resin, selected fine-grain inert aggregates, pigments and specific organic additives. Part B consists of an innovative organic catalyst. Once mixed together, the two parts form a creamy mixture with excellent smoothness, which is also suitable for vertical no-slip application. Once hardened, the product is high-performing in term of mechanical and chemical resistance. The product has been expressly formulated to meet the requirements of Part 5 of the IMO FTP Code 2010 as "finishing material for bulkheads and ceilings" for the naval sector.

FEATURES & BENEFITS:

- Reactive grout formulated with specific raw materials with limited flame-propagation properties, which gives the product exceptional ease of application.
- Depending on the grain texture of the aggregates, it is possible to obtain a particularly smooth and compact grout with a high aesthetic impact and minimum staining.
- Suitable for indoor and outdoor floor and wall applications, even in harsh operating conditions.
- RLA Epoxy Grout has high resistance to mechanical stress and chemical substances with no water absorption.
- RLA Epoxy Grout has ultra-low emission of volatile organic compounds.
- RLA Epoxy Grout is not subject to restrictions for road, sea, air and rail transport.

AREAS OF APPLICATION:

Suitable for the acid-resistant grouting of floors and walls, for application on ceramic tiles and mosaics with 1 to 15 mm wide joints. Suitable for applications where the surfaces are exposed to aggressive chemical substances (see Chemical Resistance Table) such as dairies, slaughterhouses, breweries, and food factories in general. Suitable for applications subject to heavy-duty operating conditions, such as swimming pools, hammams, whirlpools, heavy-traffic floors, and tiles exposed to extreme temperature fluctuations. Typical applications include:

- Grouting of ceramic tiles and mosaics on wooden kitchen tops;
- Grouting of ceramic tiles and mosaics in swimming pools, including surfaces waterproofed with
- Grouting of ceramic tiles, mosaics and natural stones installed on metal surfaces for the construction of prefabricated bathrooms;
- Grouting of ceramic tiles, thin reinforced slabs, mosaics, natural stones or resin agglomerates installed on heated floors;
- Grouting of glass or ceramic mosaic joints installed on structures and templates of extruded polystyrene panels used in Turkish baths, hammams and wellness centres;
- Also recommended for grouting swimming pools or pools containing spring water.

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

TDS Technical Data Sheet

PRELIMINARY CHECKS AND JOINT PREPARATION

Make sure that the ceramic tiles can be cleaned easily and their surface is not absorbent. In fact, some types of tiles (e.g., polished porcelain tiles) or natural stones feature micro-porosities and surface roughness that can stain their surface and make cleaning very difficult. In these cases, it is advisable to perform a spot test and, in any case, avoid using grouts with contrasting or very dark colours.
Check that the adhesive or mortar used for bonding the tiles is completely hardened and dry. The joints must be clean, free from dust and any debris. Any traces of adhesive or mortar flowing between the joints and the plastic spacers must be removed.

MIXING

MIX RATIO

Part A: 93.7 parts by weight
Part B: 6.3 parts by weight
The two parts are pre-batched in their respective packaging.

MIX PREPARATION

Pour part B (catalyst) onto part A (paste). We recommend pouring all the catalyst contained in the bag. Mix preferably with the help of a drill mixer to obtain a smooth, lump-free mixture. Hand mixing is not recommended. The two parts are pre-batched in their packaging, thus avoiding the risk of mixing errors.

TILED SURFACE GROUTING

Apply the paste in the joints using a Suitable good quality Epoxy Grout Squeegee, removing any excess product. The product's working life and hardening time is strongly dependent on the ambient temperature. The optimum application temperature is between +18°C and +23°C. Under these conditions, the product is soft, easily workable and with a working time of approximately 1 hour. It is ready for foot traffic after 24 hours. The surface can be commissioned after 7 days at a temperature of +23°C. At temperatures between +8°C and +12°C, the product is very thick and difficult to apply. The hardening time is also lengthened considerably. Do not add water or solvents to improve workability. In the presence of high temperatures, we recommend applying the product as quickly as possible on the floor, in order not to shorten the workability time further due to the reaction heat present in the package.

CLEANING AND FINISHING

The grout work must be cleaned and finished while the product is still wet and in any case in the shortest possible time. Take care not to remove product from the joints or leave stains on the tile surface.
First sprinkle clean water over the grouted surface. Perform an initial cleaning with a trowel equipped with a damp white felt to remove excess product, making circular movements clockwise and counter-clockwise, in order to perfectly seal the sides of the tiles and to remove excess grout from the tile surface. Complete a second cleaning cycle with a Suitable flat Epoxy Sponge for smooth and gap-free grout, completely removing the product from the tiles, making sure that you do not remove any grout from the joints, and drying any excess water. To facilitate the cleaning operation, we recommend using two bucketful's of water, one for rinsing felt and sponge and to collect any dirty water, and the other with clean water for the final surface cleaning. Replace felt and sponge when they become soaked with resin and can no longer be cleaned.
Any product residue left behind on the surface of ceramics can be removed using a plastic scourer with clean warm water or a suitable Epoxy grout cleaner after about 24 hours and, in any case, once the grout has hardened.

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