ROMANO
Indoor & Outdoor Solutions

SPEC SHEET

RLA / GROUT

Luminous SSG Grout



RANGE
Tiling
TYPE
Grout
USE IT FOR
Standard set coloured grout, indoors and out
COLOURS
White, Alabaster, Misty Grey, Mudberry, Light Beige, Magellan, Travertine, Havana, Macchiato, Slate Grey, Charcoal, Black
SIZES
4 kg, 10 kg
MATERIAL
Cement based
STANDARDS
AS ISO 13007 CG2W, Green Tag certified

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

- Standard set, smooth finish
- Built in water and mould resistance
- Respirable silica free
- Green Tag certified

DIMENSIONS

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

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RLA POLYMERS

TDS
Technical Data Sheet

LUMINOUS SSG

STANDARD SET GROUT



DESCRIPTION:

RLA LUMINOUS SSG is a high performance, respirable silica free and Green Tag certified ceramic tile grout designed for internal and external applications. With enhanced workability, the smooth finish and built-in water and mould resistance improves colour fastness, vibrancy and overall durability for demanding environments.
Luminous SSG is available in a range of colours to suit various design preferences

FEATURES & BENEFITS:

- Respirable silica free formulation
- Abrasion resistance
- Extended colour uniformity
- Shrinkage compensated to prevent cracking
- Excellent water resistance and reduced water absorption
- Smooth finishing to reduce dirt retention and improve stain resistance
- Enhanced water and mould resistance, improving hygiene and long term appearance
- Extended open time
- Enhanced workability
- Suitable for immersed applications
- Suitable for grouting tile joints from 1mm to 15mm wide
- Available in a range of colours
- Global Green Tag Certified

USES:

Luminous SSG can be used for grouting the following tile types:

- Porcelain
- Ceramic
- Terrazzo
- Slate
- Quarry tiles
- Glass
- Natural stone (excluding moisture sensitive)
- Mosaics

AVAILABLE COLOURS:

White, Alabaster, Misty Grey, Mudberry, Light Beige, Magellan, Travertine, Havana, Macchiato, Slate Grey, Charcoal, Black

PREPARATION:

- Ensure the tile adhesive has sufficient time to cure/set before commencing grouting
- For tiles set on a thick bed of adhesive, ensure the adhesive has fully cured before grouting to minimize the chance of moisture affecting the grout colour. For guidance on adhesive curing refer relevant RLA tile adhesive TDS
- Tile joints are to be free from dust, excess adhesive, bedding mortar, loose material and general contaminants before grouting
- Remove all spacers from the joints to allow the grout to fully penetrate the depth of the tile
- Test the ease of cleaning on tiles with textured or matte finishes before grouting to avoid damaging the tiles

MIXING:

- Pour clean water into a clean pail and gradually add the grout while mixing continuously with a low speed electric mixer with paddle attachment until a smooth, lump-free, creamy mortar consistency is achieved
- Allow to stand for 3 minutes before lightly remixing before use
- Always add the powder to the liquid
- The mixing ratio for Luminous SSG is 960mls of water per 4kg bag of grout, and 2.4litres per 10kg bag. This equates to 240mls of water per kg when mixing smaller quantities.
- Ensure pail and tools are cleaned before a new batch is mixed to maintain pot life and workability

  Note: For applications subject to challenging environmental conditions, and where increased performance is required such as facades, swimming pools, timber floors, heavy traffic areas and those requiring frequent cleaning, RLA PLASTINEX can be incorporated as part of the mixing liquid. Alternatively, refer to RLA LUMINOUS EF GROUT or LUMINOUS EPOXY GROUT for further options. Refer to relevant TDS for 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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APPLICATION:

- Using a rubber trowel, work grout into tile joints and compact firmly to ensure grout is filled to the full depth of the joint
- Remove the excess grout from the surface of the tiles with the rubber float to minimise the amount left on the tile surface
- Allow the grout to firm up in the joint sufficiently - approximately 15-30 minutes before cleaning to not dislodge the grout in the joints and reduce washout
- Wipe the tile surface with a well rinsed damp sponge, working diagonally across tile joints
- Use a minimal amount of water to avoid water float, shade variation and shrinkage
- Regularly rinse the sponge and squeeze it dry to assist the cleaning. It is advisable to use 2 different containers of water, one to remove excess grout from the sponge and the other to rinse the sponge. Regularly change water
- Allow grout to firm before removing any dry film remaining on the tile surface by polishing surface with a dry cloth. Ensure no smears or grout residues are removed from the surface
- When using externally, protect surfaces from extreme climate conditions for the duration of the application, cleaning and drying/curing of the grout

DRYING TIME:

- Light foot traffic: 24hours
- Full service: 3 days

IMPORTANT: Drying times based on ambient conditions of 23°C and 50% relative humidity. Allow longer for dense tiles, wider joints, cooler temperatures or high relative humidity

CLEAN UP:

Clean all equipment with water immediately after use

SHELF LIFE & STORAGE:

- 12 months when stored in original unopened packaging
- Open product to be kept in an airtight container
- Best stored in a dry area at room temperature
- Keep off cold floors and out of direct sunlight

PACKAGING:

4 kg & 10kg bags
(Boxes of 4 x 4kg bags)

LIMITATIONS:

- Do not apply Luminous SSG when surface or ambient temperatures are below 5ºC or above 35ºC
- Do not use Luminous SSG for chemical resistant joints- refer to **LUMINOUS EPOXY GROUT**
- Certain types of tile may be prone to surface discoloration, e.g. some moisture sensitive natural stones or tiles with absorbent or textured surfaces. Porous face tiles e.g. terracotta, should be sealed prior to grouting to prevent staining
- For expansion or movement joints use a suitable RLA silicone sealant
- For detailed advice on applications not mentioned in this TDS, contact the RLA Technical Department
- Efflorescence is a natural characteristic of Portland cement products and is therefore excluded from warranty coverage. To minimise the potential for efflorescence originating from the grouting system, consider using RLA Luminous EF or Luminous Epoxy grout alternatives.

HEALTH AND 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

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