ROMANO
Indoor & Outdoor Solutions

SPEC SHEET

RLA / GROUT

Luminous EF Grout



RANGE
Tiling
TYPE
Grout
USE IT FOR
Fast setting coloured grout for ceramic tiles
COLOURS
White, Alabaster, Misty Grey, Mudberry, Light Beige, Magellan, Travertine, Havana, Salmon, Mustard, Macchiato, Sky, Forest, Slate Grey
SIZES
4 kg
MATERIAL
Cement based
STANDARDS
AS ISO 13007 CG2WAF

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

- Rapid setting
- Efflorescence free technology
- Respirable silica free
- Colour fast, 16 colours

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 EF GROUT

FAST SETTING, VIBRANT COLOURED GROUT



DESCRIPTION:

RLA LUMINOUS EF GROUT is an advanced, rapid setting ceramic tile grout developed using efflorescence free technology. Incorporating premium components, the unique respirable silica free formulation provides significant performance advantages over conventional cement based grouts including enhanced shrinkage reduction, abrasion resistance, colour uniformity, long term colour fastness and vibrancy. Displaying excellent workability and an ultra smooth finish, Luminous Grout ensures high levels of precision and flawless results for general and demanding applications where enhanced durability and long term performance is paramount.
Luminous Grout is available in a range of designer colours, catering for various traditional and contemporary design styles.

FEATURES & BENEFITS:

- Efflorescence free technology
- Respirable silica free formulation
- High abrasion resistance
- Excellent colour uniformity
- Extended colour fastness and anti-fading properties
- Shrinkage compensated
- Excellent water resistance and reduced water absorption
- Ultra smooth, silky finish reducing dirt retention and improved stain resistance
- Suitable for grouting tile joints up to 20mm wide
- Water and mould resistant, improving hygiene and long term appearance
- Extended open time
- Excellent workability
- Suitable for immersed applications
- Available in a broad range of colours
- Global Green Tag Certified with extremely low VOC levels

USES:

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

- Porcelain
- Ceramic
- Terrazzo
- Slate
- Quarry tiles
- Glass
- Natural stone (not moisture sensitive)
- Mosaics

AVAILABLE COLOURS:

White, Alabaster, Misty Grey, Mudberry, Light Beige, Magellan, Travertine, Havana, Salmon, Mustard, Macchiato, Sky, Forest, 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
- 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

NOTE: Refer to pertinent tile adhesive data sheets for specific drying times

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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:

- Shake bag well for 2 minutes prior to use
- The mixing ratio for Luminous EF Grout is 960mls of water per 4kg bag of grout. This equates to 240mls of water per kg when mixing smaller quantities.
- 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
- Ensure pail and tools are cleaned before a new batch is mixed to maintain pot life and workability

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 damp dense 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
- Remove any dry film remaining on the tile surface by polishing the tile surface with a dry cloth, making sure no smears or grout residues are left on 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: 3-4 hours
- Full service: 24 hours
- Immersed areas & chemical exposure: 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 bags
(Boxes of 4 x 4kg bags)

LIMITATIONS:

- Do not apply Luminous EF Grout when surface or ambient temperatures are below 5ºC or above 35ºC
- Do not use Luminous Grout for chemical resistant joints- refer to RLA epoxy grouts
- 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
- In swimming pool applications, colours may bleach over time. For public pools RLA epoxy grouts are recommended
- For expansion or movement joints use a suitable RLA silicone sealant
- Due to the varying degrees of movement inherent in timber floors, it is recommended that Luminous EF Grout be mixed with diluted RLA PLASTINEX additive. Refer to the RLA PLASTINEX TDS for details
- For detailed advice on applications not mentioned in this TDS, contact the RLA Technical Department

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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