

LUMINOUS SSG GROUT

SUPER SMOOTH GROUT

DESCRIPTION

RLA LUMINOUS SSG is a high performance 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.

Compatible with underfloor heating systems.

Available in 4kg and 10kg bags.



USES

- PORCELAIN TILE
- CERAMIC TILE
- TERRAZZO
- SLATE AND QUARRY TILE
- GLASS
- MOSAIC TILE AND STONE
- NATURAL STONE (NON-MOISTURE SENSITIVE)

COVERAGE

Please see the RLA Polymers grout coverage calculator at www.rlapolymers.com.au/luminous-grout-calculator/ to estimate grout coverage based on tile size, joint width and area to be grouted.

TECHNICAL DATA

COLOURS	ASSORTED
MIX RATIO	240ml of water per kg 960ml per 4kg 2.4 litres per 10kg

APPLICATION DATA

23° @ 50% RH

POT LIFE	45 MINUTES TO 1 HOUR
DRYING TIME	LIGHT FOOT TRAFFIC: 24 HR FULL SERVICE: 3 DAYS
APPLICATION TEMPERATURE	+ 5°C to +35°C

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 to the relevant 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.

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.

CLEANING

Remove excess adhesive with clean water while work proceeds. Hardened adhesive will be difficult to remove and will often require mechanical means.

DRYING TIME

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

COLOURS

- White
- Magellan Grey
- Slate Grey
- Light Beige
- Misty Grey
- Black
- Travertine
- Havana
- Alabaster

COVERAGE

Please see the RLA Polymers grout coverage calculator at www.rlapolymers.com.au/luminous-grout-calculator/ to estimate grout coverage based on tile size, joint width and area to be grouted.

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

PRECAUTIONS & LIMITATIONS

- Do not apply **Luminous SSG** when surface or ambient temperatures are below 5°C or above 35°C
- Do not use **Luminous SSG** for chemical resistant joints
- 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 silicone sealant
- For detailed advice on applications not mentioned in this TDS, please contact ATA.

SAFETY

Refer to the Safety Data Sheet for full, detailed instructions in accordance with the hazardous chemicals code of practice. This product contains sand and cement (silica). Avoid breathing dust, wear an appropriate respirator and provide adequate ventilation. Avoid contact with skin and eyes, wear suitable gloves, eye protection and work wear.

WARRANTY STATEMENT

ATA guarantees this product against manufacturing defects and guarantees it to be manufactured to our published specification.

We certify that this product is suitable for use when fully cured and will perform as described in our technical data sheet or other published materials.

ATA will replace the product free of charge when purchased from any legally verifiable source and where the product is proven to have been stored, handled, and install according to instructions published on our packaging and within the stated shelf life. The Installation of all materials must be carried out in accordance with relevant Australian Standards.

Warranty doesn't apply if damage, loss, failure to follow instructions, or other circumstances are out of our control.

Sufficient time and access to investigate any complaint must be accorded to ATA.

The consumer is responsible for any expenses incurred in making a claim.

Conditions of Sale contain a limited warranty against manufacturing defects.

A claim form can be requested by email or phone.

CONTACT DETAILS

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