

StoneSet

Moisture sensitive stone adhesive.

C2S1FTE

INTERNAL / EXTERNAL

WALL / FLOOR

LOW VOC



- **RLA Stone Set is a premium grade rapid setting, polymer modified, white cement based tile adhesive. Ideal for use in situations where the adhesive must dry quickly or when grouting must be completed shortly after fixing of tiles.**
- RLA Stone Set is suitable for tiling in situations where residual moisture can cause affects like water staining, discolouration and efflorescence in some natural stone tiles Class (A).
- RLA Stone Set is suitable for domestic and commercial applications
- RLA Stone Set is Suitable for use over 24-hour green sand/cement screed
- RLA Stone Set is non-slump and is ideal for large format tiles.
- RLA Stone Set is designed for bonding porcelain, ceramic, stone eg natural stones*, terrazzo and mosaic tiles.
- RLA Stone Set can be applied onto a variety of substrates like concrete, render, rendered brickwork; block work, Gyprock, and fibre cement surfaces.
- It can be used internally or externally on wall and floor surfaces.
- RLA Stone Set can be used for fixing both high and low porosity tiles.
- RLA Stone Set can be used for fixing tiles over most waterproofing membranes. However, it is advisable to contact the manufacturer prior to commencing.
- RLA Stone Set is suitable in immersed situations like swimming pools, spas etc.
- RLA Stone Set can be used for fixing low to medium dimentionally sensitive tiles* stone that is classified as Class A.
- *Not suitable for some moisture sensitive stone like green marble or some limestone that is classified as Classes B or C that are considered moisture sensitive and dimensionally unstable.
- As Natural stone can vary between batches and suppliers, RLA recommend checking with the Stone supplier prior to using, for correct adhesive type and trying a small area to check the moisture sensitivity of the Stone.

APPLICATION INSTRUCTIONS:

Surface Preparation:

- Ensure all concrete slabs are allowed to cure for at least 7days and have a wood float finish.
- All rendered surfaces must be allowed to cure for at least 24 hours prior to commencing tiling.
 - The maximum variation in the plane of the concrete must not exceed 5mm in 3 metres for floors and 4mm in 2 metres for walls.
 - Steel trowelled finished concrete surfaces must be mechanically abraded prior to commencing tiling.
 - Fibre Cement sheet when used as a wall material must be a minimum of 6mm in thickness. For heavy-duty commercial applications, it should be a minimum of 9mm thick and all should be fixed in accordance with the manufacturer's instructions and the relevant standards.
 - Stone Set is not suitable for framed floor construction. F/C sheet flooring must be screeded with no less than 25mm of screed.
 - Gypsum -plasterboard sheets when used as a wall substrate must be a minimum of 10mm thick, and installed in accordance with the manufacturer's instructions and the relevant standards.
 - Ensure all surfaces are sound, dry and free from excessive movement, oil, dust, grease, wax, curing compounds, release agents, paints and any other loose contaminating materials.
 - It is recommended that all porous surfaces must be primed with RLA

Uniprime or RLA Universal Primer diluted 4-parts clean water 1 part Universal Primer, especially for porous surfaces, to ensure a sound bond of the adhesive to the substrate.

- When applying the primer onto a floor surface it is recommended to firstly pour some primer in a section then spread the primer using a broom, brush or roller. Then continue this method of application until the entire area is primed. Note: This method of application ensures a thorough coat of the primer on the surface. Any excess Universal Primer that has not dried should be removed with a rag prior to tiling.
- Allow the primer to dry for approximately 30 - 40 minutes at 20°C, prior to commencing tiling.
- Consult RLA for dense non porous surface preparation prior to commencement.

MIXING:

- Mix 5 Litres of water with 20kg of RLA Stone Set, mix until a lump free creamy consistency is achieved (Note: ensure powder is added to water)

COVERAGE:

- A 20kg of RLA Stone Set will cover approximately 5-6m² using a 10mm notched trowel.

APPLICATION:

- All preparation and tiling should be carried out in accordance with AS3958.1:2007 - Guide to the Installation of Tiles.
- Once the surface has been appropriately prepared In accordance with RLA's Instructions then apply the adhesive onto the substrate using an appropriate notched trowel.
- For wall tiling use 6mm x 6mm square notched trowel for tiles up to 150mm x 150mm. For tiles larger than 150mm x 150mm use a 10mm x 10mm square-notched trowel.
- For floor tiles use 10x10mm square notched trowel, for tiles up to 300x300mm.
- For 300x300mm or larger, use a 12x12mm square notched trowel and back butter as per AS3958.1-2007.
- RLA Stone Set should be applied onto the substrate at a rate of 1m² a time. Application rates greater than this can result in the adhesive skinning before the tiles are laid into it.
- Once the adhesive is applied onto the substrate, ensure that it does not skin prior to bedding the tiles into it. Once the adhesive skins do not lay tiles into it. Remove it and apply fresh adhesive.
- When placing the tiles into the adhesive press them in by using a sliding action. Ensure no voids occur and full coverage of adhesive is under the tiles.
- For tiles larger than 300X330mm or tiles with lugs, grooves or uneven backing it is 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 2 hours at 20°C.

GROUTING APPLICATION:

- Pre-test absorbent materials and stone to determine the selected grout will not adversely affect the tile prior to grouting the job. Pre-seal, dip seal, six side seal where appropriate and re-test with both adhesive and grout before commencing the job where necessary
- Grouting application can commence after curing for 2 hours at 20°C.
- Grouting can be done using RLA's Grouts.
- Follow RLA application instructions. Do not allow foot traffic on tiling until 24 hours after the grout has cured.

PACKAGING / SHELF LIFE:

- Stone Set is available in 20kg bags.
- A bag of Stone Set, when stored in a cool, dry environment, and is stored above ground level, will have a shelf life of approximately 12months.

CLEANUP:

- Excess adhesive from the face of the tiles can be cleaned up with a damp cloth while the adhesive is still wet.
- Adhesive that has oozed out into the grout joint must be raked out with a knife / spatula etc.
- Tools and other equipment can be cleaned up using water while the adhesive is still wet.

SHELF LIFE:

A bag of StoneSet, when stored in a cool, dry environment, and is stored above ground level, will have a shelf life of approximately 12 months.

HEALTH & SAFETY:

Please refer to full SDS (safety data sheet) for this product, which is available from RLA upon request or through www.rlapolymers.com.au

TECHNICAL SUPPORT:

RLA Polymers manufactures a comprehensive range of high quality, high performance construction products. In addition, RLA Polymers offers technical support and on-site advice to specifiers, end users and contractors. Please contact your RLA Polymers sales representative or RLA Head Office for this service

DISCLAIMER: The information and any recommendations relating to the application and end-use of all RLA products are provided in good faith based on RLA's knowledge and experience of the products. In applications, the differences in materials, and variances of substrates and actual site conditions can vary such that no warranty in respect of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be taken as inferred either from this information, or from any written recommendations, or from any other advice offered by RLA. The proprietary rights of third parties must be observed. All orders are accepted subject to our sale terms and conditions. All users should always refer to the most recent and up to date issue of the Technical Data Sheet for the product concerned, which is available on request. It is recommended that products should always be properly stored, handled and applied under tested and recommended conditions.

PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER INFORMATION.