

FastSet

Rapid setting tile adhesive.

C2S1FTE

INTERNAL EXTERNAL

WALL FLOOR

LOW VOC



RLA Fast Set is a high quality and cost effective rapid setting, polymer modified, Grey 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 Fast 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 Fast Set is suitable for domestic and commercial applications
- Suitable for use over 24 hour green sand/cement screed
- RLA Fast Set is non-slump and is ideal for large format tiles.
- It is designed for bonding porcelain, ceramic, stone eg natural stones*, terrazzo and mosaic tiles.
- RLA Fast 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.
- Fast Set can be used for fixing both high and low porosity tiles.
- RLA Fast Set can be used for fixing tiles over most waterproofing membranes. However, it is advisable to contact the manufacturer prior to commencing.
- RLA Fast Set can be used for fixing low to medium moisture sensitive tiles* stone that is classified as Class A. Dimensionally unstable (curling) Stones must be confirmed suitable with the adhesive and conditions prior to laying by the installer.
- *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.
- *NOT suitable for stone or conglomerate that is dimensionally unstable.
- *Setting times will be affected by ambient temperature, Tile temperature water temperature and substrate temperature and porosity.
- Use caution when conditions vary form 23°C and test that all conditions will meet your requirements with the specific stone being laid prior to commencing the project.
- 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:

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.
- RLA Fast 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 23°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 FAST SET, mix until a lump free creamy consistency is achieved (Note: ensure powder is added to water)

COVERAGE:

A 20kg of FAST 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.
- FAST 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. Final Bed thickness should not exceed 10mm

- Once the tiling is completed do not disturb the tiled surface for at least 3 hours at 23°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 3 hours at 23°C after the completion of tiling.
- Grouting can be done using RLA's Grouts / Epoxy grouts must be used for moisture sensitive tiles.
- Clean up can be done using a damp sponge. Ensure you use a clean sponge every time.
- Grout will fully dry in 24 hours at 23°C, after which time the area can be put into service.

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 FAST SET, 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.