

Uniflex Additive



Characteristics:

- Uniflex Additive is a white, high solids, flexible acrylic additive. It can be used internally or externally on wall and floor surfaces.
- Uniflex Additive when mixed with RLA cement based adhesives can be used to bond tiles over concrete, render, rendered brickwork, block work.
- Uniflex Additive can be used with RLA Cement based adhesives to fix tiles over most waterproofing membranes. However it is advisable to contact the manufacturer prior to commencing.
- Uniflex Additive can be mixed with RLA Grout's, for grouting applications where movement is anticipated, like over timber floors.
- Uniflex additive can be mixed with neat cement for use as a slurry coat.
- Uniflex Additive can be mixed with sand and cement for use as a splash coat.
- Uniflex Additive can be mixed with sand & cement screeds / renders to increase their strength and flexibility.

Preparation:

- Ensure all concrete slabs are allowed to cure for at least 6 weeks in accordance with AS 3958.1-2007 and have a wood float finish.
- All rendered surfaces must be allowed to cure for at least 7 days prior to commencing tiling.
- Ensure all surfaces are sound, dry and free from movement, oil, dust, grease, wax, curing compounds, release agents and any other loose contaminating materials.
- Steel trowelled finished concrete surfaces must be mechanically or chemically abraded 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.

Expansion / Movement Joints:

- Expansion / movement joints must be provided to allow for movement between adjacent building components.
- Movement joints should go right through the tile adhesive bed to the background and kept free from dirt and adhesive droppings.
- Movement joints must not be less than 6mm and not wider than 10mm.
- The movement joints must be filled with a flexible sealant like Silicone.
- For further information regarding expansion/movement joints refer to RLA Technical Support.

Mixing:

Grout Additive:

- When mixing with grout mix 1 part add additive to 2 parts water.
- Tiling in permanently immersed situations:
- When mixing with cement based tile adhesives.
- Mix at a ratio of 1 part additive to 2 parts water then use this mix as gauging liquid.

Slurry Coat:

- 1 part neat cement. 1 part Uniflex Additive.

Splash Coat:

- 1 part Cement. 1 part sand. 1 part Uniflex Additive.

Renders/Screeds:

- 1 part Cement. 3 parts sand. Then use 50-50 Uniflex Additive to water as a gauging liquid for screeds/renderers.

Application:**Tiling:**

- Once the surface has been appropriately prepared in accordance with RLA tile adhesives instructions then apply the adhesive onto the substrate using an appropriate notched trowel.
- For floor tiling use a 10mm x 10mm square notched trowel for tiles up to 300mm x 300mm. For tiles 300mm x 300mm and larger use a 12mm x 12mm square notched trowel. For mosaic tiles use a 6mm x 6mm square notched trowel.
- For wall tiling use 6mm x 6mm square notched trowel for tiles up to 200mm x 200mm. For tiles larger than 200mm x 200mm use a 10mm x 10mm square notched trowel.

Slurry Coat:

- Mix the Uniflex Additive with neat cement as mentioned above and then spread it onto the surface using a brush or a broom. While the slurry coat is still wet bed the top coat into it.

Splash Coat:

- After mixing the Sand & Cement with Uniflex Additive as mentioned above, apply the splash coat onto the surface using a brush or a broom.

Renders / Screeds:

- After mixing the Sand & Cement with Uniflex Additive & Water as mentioned above, apply the render / screed to the substrate using a flat trowel. The thickness of the render should not exceed 13mm in one application. For screeds generally the thickness should be greater than 20 mm and they should be reinforced with wire mesh.

Clean Up:

- Excessive Uniflex Additive, tools and other equipment can be cleaned up using water while the additive is still wet.

Coverage:

- The coverage will vary depending on application.

Shelf Life:

- A container of Uniflex Additive, when stored in a cool, dry environment, and is stored above ground level, will have a shelf life of approximately 12months.

Handy Tips:

- Do not apply Uniflex Additive in temperatures above 40°C and below 5°C.
- For applications / situations not mentioned in these instructions please contact your nearest RLA tile adhesives office.
- Uniflex Additive is classified as a non-hazardous product.
- For a full SDS on this product please contact RLA head office.

Disclaimer: The information supplied is to the best of our knowledge true and accurate. The actual application of the product is beyond the manufacturers control. Any failure or damage caused by the incorrect usage of the product is not the responsibility of the manufacturer. The manufacturer insists that all workmanship must be carried out in accordance with AS 3958.1-2007. It is also the responsibility of the end user to ensure that the literature in their possession is the latest issue.