



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/Atlas cement based adhesives can be used to bond tiles over concrete, render, rendered brickwork, block work.
- Uniflex Additive can be used as a primer for Dryflex Pump.
- Uniflex Additive can be used with RLA/Atlas 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/Atlas 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 meters for floors and 4mm in 2 meters for walls.
- It is recommended that all surfaces must be primed with Universal Primer, especially porous surfaces, to ensure a sound bond of any tile 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.
- Allow the primer to dry for approximately 5 mins at 20°C prior to commencing tiling.

Adhesive booster

**Grout additive
for coloured and
sanded grout**

**Additive for
sand / cement
screeds**



Expansion / Movement Joints:

Expansion / movement joints must be provided to allow for movement between adjacent building components. They should be as follows:

- Over Existing joints in the substrate.
- Where two different substrates meet.
Eg: Timber and Concrete.
- Around fixed elements in the floor E.g. Columns.
- At internal vertical corners.
- Around the perimeter of the floor.
- In internal floors where any dimension exceeds 9m or 6m if subjected to sunlight.
- In external floors where any dimension exceeds 4.5m.
- On wall surfaces at storey heights horizontally and approximately 3m-4.5m apart vertically.
- Ideally they should be located over movement joints in the structural background and at structural material changes.
- For e.g: the horizontal joint at the bottom of floor slabs, vertical joints at internal vertical corners, and at junctions with columns. (The above points are in accordance with AS3958.1-2007)
- 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.

Mixing:**• Grout Additive:**

When mixing with grout mix 1 part additive to 3 parts water.

• Tiling in permanently immersed situations:

When mixing with Tilebond Extra/Supertilefix 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.

• Dryflex Membrane Primer:

Use undiluted as a primer for Dryflex membranes.

• Renders/Screeds:

1 part Cement. 3 parts sand.

Then use 50-50 Uniflex Additive to water as a gauging liquid for screeds/renders.

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.

Packaging / Shelf life:

- Uniflex Additive is available in 1L, 5L and 20L containers.
- 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 12 months.

Handy Tips:

- Do not apply Uniflex Additive in temperatures above 40°C and below 5°C.
- For applications / situations not mentioned in this data sheet please contact your nearest RLA /Atlas office.
- Uniflex Additive is classified as a non-hazardous product.
- For a full MSDS on this product please contact your nearest RLA/Atlas 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.

Technical Data

Appearance	White liquid.
Density	1.10 +/- 0.05
Drying Time @ 20°C	Depends on application



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