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 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.

Adhesive booster

Grout additive for coloured and sanded grout

Additive for sand / cement screeds

Booster for pool tiling

TEN YEAR GUARANTEE

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 20ºC prior to commencing tiling.

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 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/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 40ºC and below 5ºC.
- 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.

Technical Data

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

RLA POLYMERS

www.rlapolymers.com.au

TECHNICAL ENQUIRIES TOLL FREE No.1800 752 679

Head Office:
215 Colchester Rd,
Kilsyth, VIC 3137
Ph: (03) 9728 1644
Fax: (03) 9728 6009

NSW:
363 Wentworth Ave,
Pendle Hill, NSW 2145
Ph: (02) 9636 7444
Fax: (02) 9636 7688

Queensland:
25 Computer Rd,
Yatala, QLD 4207
Ph: (07) 3807 4022
Fax: (07) 3807 4755

South Australia:
Blade Runner Distributors
2 Seaforth Ave,
Somerton Park, SA 5044
Ph: (08) 8358 5200
Fax: (08) 8358 5300

Western Australia:
Ph: 1800 242 931

New Zealand:
67 Dalgety Dr,
Manukau City
Auckland, NZ
Ph: 649 267 2772

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