

# ATLAS TILE ADHESIVES



## SOLUTIONS FOR INDUSTRY

### Dryflex Reinforced

#### Characteristics:

- ↓ Dryflex Reinforced is a white, single pack acrylic based, flexible waterproofing and sealing membrane.
- ↓ Dryflex Reinforced doesn't require the use of any reinforcement for it is built in.
- ↓ Dryflex Reinforced is ideal for waterproofing of shower recesses, bathrooms and laundries.
- ↓ Dry flex Reinforced can be used for internal or external waterproofing applications.
- ↓ Dryflex Reinforced can be used over concrete, render, rendered brickwork, block work, Fibre-cement, Gyprock and particle board surfaces.
- ↓ Dryflex Reinforced is easy to clean up.
- ↓ All of RLA/Atlas cement based Tile Adhesives can be applied over Dryflex Acrylic.

#### Preparation:

- ↓ All new concrete surfaces must be allowed to cure for at least 6 weeks and have a wood float finish. Steel trowelled finished slabs must be chemically or mechanically abraded prior to commencing waterproofing.
- ↓ All rendered surfaces must be allowed to cure for at least 7 days prior to commencing waterproofing. Ensure all rendered surfaces have a wood float finish.
- ↓ The maximum variation in the plane must not exceed 5mm in 3 meters for floors and 4mm in 2 meters for walls.
- ↓ Fibre Cement sheet when used as an underlay or wall / floor material must be a minimum of 6mm in thickness. All FC Sheets should be fixed in accordance with the manufacturer's instructions and the relevant standards.
- ↓ Compressed Fibre-Cement sheets when used as a floor substrate must be 15mm thick, and when used a wall substrate must be 9mm thick and must be installed in accordance with the manufacturer's instructions and the relevant standards.
- ↓ 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.
- ↓ All screw / nail heads must be sealed with epoxy, and all sheet joints must be covered with a 50mm wide polyethylene / polypropylene tape.
- ↓ Ensure all metal surfaces are rust free.
- ↓ Small hairline cracks may be filled with the first application of Dryflex Reinforced. Cracks larger than 2mm or structural shrinkage cracks must be firstly filled with a flexible silicone / PU type sealant, and then a 50mm wide polypropylene/ polyethylene tape placed over the crack prior to the application of Dryflex Reinforced.
- ↓ Ensure all surfaces are sound, dry and free from excessive movement, oil, dust, grease, wax, curing compounds, release agents, paint and any other loose contaminating materials. Also remove any protrusions from the surface that may pierce the membrane.
- ↓ All surfaces must be primed with Uniflex Additive prior to the application of Dryflex Reinforced to the substrate. Except for metal surfaces which should be primed with a Zinc Chromate / etching primer.
- ↓ When applying the primer 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 5-10 minutes at 20°C prior to commencing waterproofing.

#### Mixing:

- ↓ Dryflex Reinforced is a one part premixed product that does not require mixing.

#### Application:

- ↓ Once the surface has been appropriately prepared in accordance with RLA/Atlas Tile Adhesives instructions
- ↓ Fit bond breaker and tape to all corners and expansion joints.
- ↓ Apply the first coat of Dryflex Reinforced to the primed surface using a thick brush or a roller.
- ↓ Re-apply a second coat of Dryflex Reinforced to ensuring complete coverage is achieved and no air bubbles exist.
- ↓ A third coat may be required if imperfections are present in the membrane.
- ↓ Conduct a final inspection on the surface of the membrane prior to commencing tiling to ensure no pinholes exist.
- ↓ Once the waterproofing is completed do not disturb the area for at least 24 hours at 20°C.
- ↓ Inside/outside drain.

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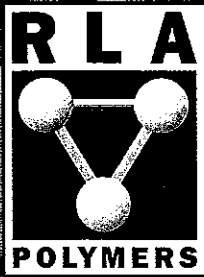
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**Clean Up:**

- ⚡ Excess Dryflex Reinforced, tools and other equipment can be cleaned up using water while the membrane is still wet.

**Coverage:**

- ⚡ The coverage of Dryflex Reinforced will vary depending upon the substrate, size and type of application and site conditions. As a guide it will cover approximately 1.5L/m<sup>2</sup> per coat at 1mm thick dry film.

**Packaging / Shelf Life:**

- ⚡ Dryflex Reinforced is available in 4lt and 15lt pails.
- ⚡ A pail of Dryflex Reinforced, 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 Dryflex Reinforced in temperatures above 40°C and below 5°C.
- ⚡ Dryflex Reinforced cannot be used externally when inclement weather is imminent.
- ⚡ Dryflex- Reinforced cannot be used in areas where negative hydrostatic pressure is evident.
- ⚡ Do not immerse Dryflex Reinforced in water until at least 2 days after application. For permanent immersion it is recommended to allow for at least 5 days of curing.
- ⚡ Ensure that Dryflex Reinforced is totally dry and the surface is without pinholes before applying any top coat over it.
- ⚡ For applications / situations not mentioned in these instructions please contact your nearest RLA/Atlas Tile Adhesives office.
- ⚡ Dryflex Reinforced is classified as a non-hazardous product.
- ⚡ For a full MSDS on this product please contact your nearest RLA/Atlas Tile Adhesives office.

**Technical Data:**

Properties	Results
Appearance	White Paste
Density	1.65 +/- 0.05
Re-coat Time	24 Hours @ 20°C
Drying Time @ 20°C	Approx 8 Hours
Dry film thickness	1-2 mm

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