

SOLUTIONS FOR INDUSTRY

ATLAS TILE ADHESIVES



Dryflex Acrylic

Characteristics:

- ↓ Dryflex Acrylic is a white, single pack acrylic based, flexible waterproofing and sealing membrane.
- ↓ Dryflex Acrylic is ideal for waterproofing of shower recesses, bathrooms and laundries.
- ↓ Dry flex Acrylic can be used for internal or external waterproofing applications.
- ↓ Dryflex Acrylic can be used over concrete, render, rendered brickwork, block work, Fibre-cement, Gyprock and particle board surfaces.
- ↓ Dryflex Acrylic 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 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 Acrylic. 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 Acrylic.
- ↓ 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 Acrylic 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 Acrylic 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, Pre-cut the random mat and bandage to fit application in shower recesses, care must be taken at the wall-floor corners.
- ↓ Then apply the first coat of Dryflex Acrylic to the primed surface using a thick brush or a roller.
- ↓ Place the random mat into the wet Dryflex Acrylic and force the mat well into it, to ensure complete contact is achieved.
- ↓ Re-apply a second coat of Dryflex Acrylic over the mat 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.

RLA POLYMERS PTY LTD
ACN 004 709 915

Victoria
215 Colchester Road, Kilsyth
Victoria 3137, Australia

PO Box 147, Kilsyth
Victoria 3137, Australia

Telephone (03) 9728 1644
Facsimile (03) 9728 6009 Email:
info@rlapolymers.com.au

Queensland
25 Computer Rd.
Yatala QLD 4207
Telephone (07) 3807 4022
Facsimile (07) 3807 4755

New South Wales
363 Wentworth Ave.
Pensile Hill NSW 2145
Telephone (02) 9636 7444
Facsimile (02) 9636 7888

New Zealand
88 Dalgely Drive, Manukau City
Auckland, New Zealand

PO Box 97-575, Manukau City
Auckland, New Zealand

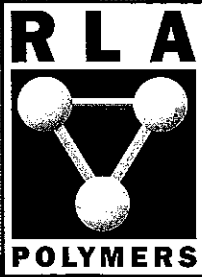
Telephone (9) 268 0301
Facsimile (9) 268 0305

Malaysia
No 5, Lebuhraya Petai, Pandamaran
42000 Port Klang, Selangor D.E.
Telephone 03-31661039
Facsimile 03-31661037

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The information supplied is to the best of our knowledge true and accurate. The actual application of the product is beyond the manufacturer's 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 AS3958.1-1991. It is also the responsibility of the end user to ensure that the literature in their possession is the latest issue.



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S O L U T I O N S F O R I N D U S T R Y

Clean Up:

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

Coverage:

- ✚ The coverage of Dryflex Acrylic will vary depending upon the substrate, size and type of application and site conditions. As a guide it will cover approximately 1.5L/m² per coat at 1mm thick dry film.

Packaging / Shelf Life:

- ✚ Dryflex Acrylic is available in 4lt and 15lt pails.
- ✚ A pail of Dryflex Acrylic, when stored in a cool, dry environment, and is stored above ground level, will have a shelf life of approximately 12months.

Handy Tips:

- ✚ Dryflex Acrylic should not be used as a exterior trafficable membrane.
- ✚ Do not apply Dryflex Acrylic in temperatures above 40°C and below 5°C.
- ✚ Dryflex Acrylic cannot be used externally when inclement weather is imminent.
- ✚ Dryflex Acrylic cannot be used in areas where negative hydrostatic pressure is evident.
- ✚ Do not immerse Dryflex Acrylic 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 Acrylic 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 Acrylic is classified as a non-hazardous product.
- ✚ For a full MSDS on this product please contact your nearest RLA/Atlas Tile Adhesives office.
- ✚ Avoid applying the product too thick especially in corners where drying will be retarded.
- ✚ In cool temperatures good air circulation will assist drying.
- ✚ Should not be used for swimming pools.

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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