

SOLUTIONS FOR INDUSTRY

ATLAS TILE ADHESIVES



Dryflex -2- Part

Characteristics:

- ↓ Dryflex-2-part is a grey, acrylic / cement based 2-Part, flexible waterproofing and sealing membrane.
- ↓ Dryflex-2-Part does not require the use of fibreglass or similar types of reinforcement tapes.
- ↓ Dryflex-2-Part is ideal for waterproofing of shower recesses, wet areas, balconies, terraces, roof tops, swimming pools, and water tanks etc.
- ↓ Dryflex-2-Part can be used for internal or external waterproofing applications.
- ↓ Dryflex-2-Part can be used over concrete, render, rendered brickwork, block work, Fibre-cement, Gyprock and particle board surfaces.
- ↓ Dryflex-2-Part is fast setting and cures in approximately 6-8 hours at 20°C.
- ↓ Dryflex-2-Part being flexible caters for limited movement in the substrate.
- ↓ All of RLA/Atlas cement based Tile Adhesives can be applied over Dryflex-2-Part.

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-2-Part. 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-2-Part.
- ↓ 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-2-Part 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 30 - 40 minutes at 20°C prior to commencing waterproofing.

Mixing:

- ↓ Dryflex-2-Part requires on site mixing.
- ↓ Each 20kg bag of Dryflex-2-Part Powder requires 10L of Dryflex-2-Part Liquid. NOTE: Always add powder to liquid.
- ↓ Add the powder to the liquid while gently stirring using a mechanical mixer until a lump free consistency is achieved.
- ↓ Allow the mix to stand for 10 minutes. Then re-stir prior to using the mix.

Application:

- ↓ Once the surface has been appropriately prepared in accordance with RLA/Atlas Tile Adhesives instructions, apply a silicone sealant to all wall/floor and wall/wall junctions. The silicone sealant acts as a bond breaker.
- ↓ Then apply the first coat of Dryflex-2-Part to the primed surface using a thick brush or a roller.
- ↓ Allow the first coat to dry for at least 45 min at 20°C, and then apply the second coat of Dryflex-2-Part at a 90° angle to first coat. Allow the second coat to dry for 6-8 hours at 20°C. If pinholes appear on the surface after 6-8 hours of drying apply another coat.
- ↓ Conduct a final inspection on the surface of the membrane prior to commencing tiling to ensure no pinholes exist.
- ↓ Follow the same procedure as above for applications inside and around the drain.
- ↓ Once the waterproofing is completed do not disturb the area for at least 6-8 hours at 20°C.

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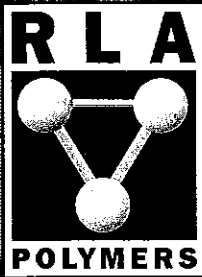
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Clean Up:

- ✚ Excess Dryflex-2-Part, tools and other equipment can be cleaned up using water while the membrane is still wet.

Coverage:

- ✚ The coverage of Dryflex-2-Part will vary depending upon the substrate, size and type of application and site conditions. As a guide it will cover approximately 1.5L/m².

Packaging / Shelf Life:

- ✚ Dryflex-2-Part is available in a 10L / 20kg Kit.
- ✚ A Bag & pail of Dryflex-2-Part, 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-2-Part in temperatures above 40°C and below 5°C.
- ✚ Dryflex-2-Part cannot be used externally when inclement weather is imminent.
- ✚ Dryflex-2-Part cannot be used in areas where negative hydrostatic pressure is evident.
- ✚ Do not immerse Dryflex-2-Part 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-2-Part is totally dry and the surface is without pinholes before applying any top coat over it. A good way to test if Dryflex-2-Part is totally dry is to pour a few drops of water on the surface and then rub the water in with your finger. If the water turns milky you know that Dryflex-2-Part has not fully cured, however if the water stays clear you know Dryflex-2-Part has cured.
- ✚ For applications / situations not mentioned in these instructions please contact your nearest RLA/Atlas Tile Adhesives office.
- ✚ For a full MSDS on this product please contact your nearest RLA/Atlas Tile Adhesives office.
- ✚ Should not be used in swimming pools.

Technical Data:

Properties	Results
Appearance	Grey Paste
Density	1.65 +/- 0.05
Re-coat Time	45 minutes @ 20°C
Drying Time @ 20°C	Approx 6-8 Hours
Dry film thickness	1-2 mm

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