

ADFLEX ULTRA

DESCRIPTION:

Adflex Ultra is an advanced elastomeric polyurethane membrane containing high quality resin and fibers designed to be used in both under tile and exposed areas.

ADVANTAGES:

- Certified Class III elasticized water-based polyurethane membrane.
- Compliant to AS 4858:2004 – Internal Wet Areas Waterproofing
- Compliant to AS 4654.2-2012- Waterproofing Membranes for External Above Ground Use.
- Does not re-emulsify once fully dried
- Fast cure
- Durable and tough seamless finish
- Flexible & Elastomeric
- UV stable
- Salt and carbon attack resistant
- Environmentally safe
- Compatible with most common Tile Adhesives

USES:

- Roofs
- External wet areas, balconies, decks and podiums
- Parapet Walls
- Plant floors and external areas
- Retaining walls
- Garden
- Planter Boxes
- Internal Wet Areas

TECHNICAL PERFORMANCE DATA:

Coverage:

1.5-2L/m² at 2 coats

Application Temperature:

15-30°C

Cure Time:

Touch dry 2- 6 hours, hard cure 24-36 hours

Results of Assessment of durability:

Elongation	Strain %
Control	662%
Water Immersion	1247%
Bleach Immersion	1065%
Detergent Immersion	1447%
Heat Ageing	457%

Green Rated VOC's: Yes

Class III

Reinforced: Yes

*Please note that Dark grey is less UV stable than light grey due to greater heat absorption

SURFACE TEMPERATURE:

All surfaces to be treated must be structurally sound and existing coatings, adhesives, efflorescence should be removed to achieve maximum bond strength and resistance to hydrostatic pressure. Surfaces must be cleaned free of dirt, Grease, oil or other surface contaminants. Holes, non-structural cracks or other surface deformities should be repaired

PRIMING:

Adcrete membranes are recommended to be applied onto primed surfaces.

The following products can be used:

Adflex WBP 20L

Adflex WBE 20L Kit

Experienced applications may use:

Rimseal Polybond 20L

APPLICATION:

- Apply product at 2 or more coats and at a total coverage of 1.5-2L/m², forming a dried film thickness of approximately 1.5mm (vertical 0.8mm).
- Adflex Ultra can be applied with a brush or roller
- Allow 24 hours drying before tiling or topping application. In cool or non-porous surfaces this may be prolonged.
- Allow to cure for at least 5 days if water ponding test is required.
- At all junctions apply bond breaker or fast cure mastic filler
- At all junctions embedded polyester/rubber reinforcing tape into membrane.
- Do not apply when surface temperature is below 5°C or above 35°C

OVERCOAT:

Allow at least 4 hours curing time depending on the weather

Advanced Elastomeric Polyurethane Membrane



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PRECAUTIONS:

- During conditions of low temperature of high humidity, the Adflex Ultra curing rate will slow dramatically
- Adflex Ultra Dark Grey is less UV stable than the Light Grey due to heat absorption
- Avoid applying over any surfaces that have been previously coated or treated with curing compounds, concrete bonding agents or acrylic coatings. These must be mechanically cleaned by grinding to produce a contamination free surface.
- Do not apply to areas subject to heavy foot traffic in commercial environments or vehicular traffic.
- Do not apply to areas when rain is imminent

The information presented in this data sheet does not imply any warranty. Further, the maker reserves the right to alter the product, the specification and/or the application techniques as described herein without prior notice, in line with his policy of technological advancement and product improvement. Whilst any information and/or specification contained herein is to the best of our knowledge and experience, all of the above information must in every instance be taken as merely indicative and subject to confirmation after long-term practical applications. For this reason, anyone intending to use the product must ensure beforehand its suitability for the envisaged application. In every instance, the user alone is fully responsible for any consequences deriving from the use of the product. Furthermore, no warranty is given or implied in connection with any recommendations or suggestions made by us or our Representatives, Agents or Distributors as conditions of use and any labour involved beyond our control.



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SAFETY PRECAUTIONS:

Adflex Ultra is a safe water-based product however, avoid contact with skin and eyes. Use protective gloves. Ensure there is adequate ventilation and avoid breathing vapours. Keep away from children. If swallowed do not induce vomiting. Give plenty of milk and water. Seek medical advice. Keep containers in a well-ventilated place. In enclosed areas, such as water tanks and basements, ventilation should be provided to enable adequate evaporation of the coating. In case of eye contact, rinse with plenty of water or contact poisons Information Centre. If swallowed immediately contact doctor or Poisons Information Centre on 131 126.

ADDITIONAL INFORMATION LISTED IN MSDS.

CLEAN UP:

Clean up with water while wet. Once dried product needs to be removed mechanically or by solvent.

PACKAGING:

15L Pail