



WATERPROOFER

Undertile Membrane

- Grey
- Internal/External Use
- Australian Made

DESCRIPTION

ABA Waterproofer Undertile Waterproofing Membrane is a tough, ready to use waterproofing membrane. The fast drying formula cures to provide a flexible waterproof membrane specifically designed for use under tiles. The product is grey in colour.

ABA Waterproofer is flexible, safe to use, low in odour and is fully compatible with a broad range of ABA tile adhesives.

Conforms to requirements of Class 3 Membrane of AS/NZ 4858: 2004 Wet Area Membranes.

ABA Waterproofer meets the Green Building Council of Australia Green Star IEQ-13 requirements for building materials when tested in accordance with SCAQMD Method 304-91 Determination of Volatile Organic Compounds (VOC) in Various Materials as referenced by South Coast Air Quality Management Division (SCAQMD) Rule 1168.

TYPICAL APPLICATIONS

Internal wet areas (bathrooms, kitchens, laundries) balconies, decks and other areas that will be tiled.

SUITABLE SURFACES

Concrete	Cured for minimum 28 days
Renderers and screeds	Cured for minimum 7 days
Fibre cement sheet	Compressed or standard grade
Plasterboard	Wet area grade only

For plywood or particleboard, contact ABA Technical Services

For application over wet surfaces or freshly laid (green) concrete or renders, apply a barrier coat of ARDEX WPM 300 HydrEpoxy and allow to dry overnight before applying the ABA Waterproofer.

Contact ABA Technical Services for use over existing membranes, covering materials, and any other substrates not listed.

PRODUCT LIMITATIONS

Do not use the product in the following situations:

- areas subject to negative hydrostatic pressure or rising damp unless treated with ARDEX WPM 300 HydrEpoxy.
- where the substrate is not dry or rain is imminent.
- where the membrane will be left exposed and subjected to regular foot traffic.
- on glazed, glass or other totally impervious surfaces (e.g. areas pre-treated with water repellents or concrete curing membranes).
- where the surface temperature is below 10°C or greater than 35°C.

APPLICATION TOOLS

Medium nap (12-15mm pile) paint roller or a good quality 50mm long bristle brush

SURFACE PREPARATION

Ensure all surfaces are structurally sound and totally dry. All sheet substrates must be securely fixed in accordance with the manufacturer's instructions.

Seal sheet joints with silicone or PVC duct tape.

Ensure floors have falls of at least 1:60 to 1:80 (30mm in 2m) to outlets/drain.

Remove dust, oil, paint, curing compounds and any other contaminating materials.

PRIMING

All surfaces must be primed prior to waterproofing. Apply one coat of ARDEX Multiprime by brush or roller to all areas to be waterproofed including the floor waste (PVC needs to be primed with pink plumbers primer). Allow the primer to dry completely (20-30 minutes) before applying the ABA Waterproofer membrane.

CRACK PREPARATION

Clean and remove all loose particles in the crack. Prime the area before applying a bead of neutral cure silicone into the crack and extending it 5mm either side. Apply ABA Waterproofer at a 300mm width along the entire length of the crack. Place a 190mm wide band of Ardex Deckweb reinforcement mat equidistantly across the crack/joint and into the wet membrane. Thoroughly wet out the mat from the underside and remove any creases or air pockets in the mat. Immediately apply a second coat to completely fill the mat.

MOVEMENT/CONSTRUCTION JOINTS

For movement joints <6mm use same procedure as in crack preparation.

Note: Movement joints should be taken to the surface of the tiles. Fill the joint between the tiles immediately above the movement joints with ARDEX SE Silicone.

APPLICATION

Corners & Coving areas

After priming with ARDEX Multiprime, apply a generous bead of neutral cure silicone sealant to seal all junctions between two substrates.

Smooth over the silicone so it extends 6mm up the wall and 6mm over the floor. Apply a first coat of ABA Waterproofer membrane to the area and allow the membrane to dry. Apply a second coat ensuring that excess product is removed from the junction (the final dry film thickness should be a minimum of 0.5- 1.0mm, apply further coats if this thickness is not achieved).

Alternatively, an ARDEX Deckweb reinforcement mat can be used between coats. Place the mat into the wet first coat ensuring the mat is thoroughly wet from the underside and all creases or air pockets are removed. A second coat can be applied as soon as the mat is fully bedded into first coat.

Walls & Floors

After priming with ARDEX Multiprime, apply two coats of ABA Waterproofer to achieve the correct dry film thickness of 0.5mm for walls and 1.0mm for floors. Apply the first coat over the primed surface and allow it to dry (1- 2 hours at 23°C, 50% RH) before applying a second coat in an opposite direction.



Allow the membrane to dry completely before tiling. It is advisable to conduct a flood test of the shower once the membrane is cured (normally after 3 days) and before tiling commences.

TILING OVER ABA WATERPROOFER

A broad range of ABA adhesives can be used over ABA Waterproof. Contact ABA Technical Services for advice on the most suitable system.

COVERAGE

15 litres will cover approximately 7.5m² (on floors) – 15m² (on walls) (based on two coats, applied at a final dry film thickness of 0.5- 1.0mm). This quantity will be sufficient to waterproof most standard showers. Coverage will vary depending on the condition of the surface.

DRYING TIMES

The membrane is totally dry in 48 hours at 23°C/ 50% RH, but can take up to 72 hours at 10°C/ 50% RH.

The shower should not be used until the membrane has reached its full strength and is tiled. The membrane is fully cured 3 days after it has been applied at 23°C or after 5 days at 10°C.

Drying times vary depending on humidity, temperature and surface porosity.

PACKAGING

ABA Waterproof is packed in 15L pails.

CLEANING

Wash hands, brushes, rollers, etc with water while the membrane is still fresh. Remove cured material with mineral turpentine.

SHELF LIFE

ABA Waterproof has a shelf life of 12 months when stored in the original, unopened packaging in a dry place at 23°C and 50% relative humidity. Do not store in direct sunlight. Replace lid tightly after use. Use remaining contents from partly used containers within 3 months.

SAFETY DATA

This product may cause irritation and an allergic reaction to the skin. It may cause serious eye injury and irritation to the respiratory system. In case of contact with the eyes rinse with running water until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Wear protective gloves, clothing, eye and face protection. Avoid inhaling dust/fumes/gas/mist/vapours/spray. Ensure adequate ventilation during mixing and application. Store locked up.

Check with your local Council regarding the disposal of contents, dispose of packaging thoughtfully and recycle where possible. Keep out of the reach of children. Call the Poisons Information Centre on 131 126 (AUS) and 0800 764 766 (NZ) or call a doctor if you feel unwell. Additional information is in the Safety Data Sheet (SDS) at www.abaustralia.com.au

PRODUCT GUARANTEE



Ardex Australia Pty Ltd (“we” or “us”) guarantees this product (also referred to as “our goods”) is free from manufacturing defects and will perform to any applicable specification published by us for 10 years from the date of application of the product if such application occurs within this product’s

specified shelf life. Our liability under this guarantee is limited at our option to replacement of the product, repair of any damage to the immediate surface or area of application of the product, or the cost of such replacement or repair, in each case if we are satisfied loss or damage was due to a breach of this guarantee. This guarantee does not apply if damage or loss is due to failure to follow our published instructions or any act or circumstance beyond our control, including shade variations and efflorescence and faulty workmanship on the part of any installer or applicator of the product. If you wish to make a claim under this guarantee you must notify us (address: 7/20 Powers Road Seven Hills NSW 2147; phone: 1800224070; email: technicalservices@ardexaustralia.com), identify the product and provide evidence of your purchase and the subsequent application of the product within 30 days of any alleged loss or damage occurring. We reserve the right to ask you for satisfactory evidence of any alleged loss or damage and to undertake any inspections and tests necessary to establish your rights under this guarantee. Any claim under this guarantee is at your cost. This guarantee is in addition to any rights or remedies you may have as a “consumer” under the Australian Consumer Law and to that extent you need to be aware that: “Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss of damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure”.

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