



# PRO RAPID WATERPROOFING

**DUNLOP PRO RAPID WATERPROOFING** System consists of a water-based polyurethane-acrylic hybrid waterproofing membrane and **PRO RAPID TAPE** for undertile waterproofing, so tiling can begin in 4 hours. With crack isolation protection, it provides flexible coverage over plastic shrinkage, hairline and other non-structural cracks. The use of the **DUNLOP PRO RAPID TAPE** eliminates the need for a bond breaker or junction fillet prior to the application of the membrane. The **DUNLOP PRO RAPID WATERPROOFING** membrane is rated as a Class III Membrane, as per AS/NZS 4858 Wet Area for Residential and Commercial Waterproofing approved by an independent authority (BRANZ).



## SUITABLE SURFACES

Internal Fibre-cement floor and wall sheet, compressed fibre-cement sheet, wet area grade plasterboard, concrete (cured for min. 28 days), internal structural plywood (PAA branded) including marine or wet area grade only (the shower area must be sheeted using ceramic tile underlay), renders and screeds (cured for min. 7 days) and internal AAC blocks and panels.

## MINIMUM AREAS TO WATERPROOF

Always refer to the local government for the requirements of any waterproofing project. Below is a minimum recommendation as per AS3740. Dunlop recommends complete waterproofing of all areas.

### Bathroom

Full shower recess floor and onto the bathroom floor as per the standard. Up recess walls 150mm and 1800mm up internal vertical corners of shower recess. Note: Ensure that falls to waste in bathrooms are min 1:80 (i.e. approx 25mm in 2m) before waterproofing. Treat all cracks, floor/wall junctions, nail and screw holes, around taps and outlets with neutral cure silicone or DUNLOP PRO RAPID TAPE as per instructions prior to waterproofing. Please note: the above guidelines are applicable to bathrooms with showers containing a hob. All bathroom projects are different (e.g. frameless showers) and the relevant Australian and New Zealand Standard should be referred to for current requirements.

### Balcony

Full deck, minimum 100mm up wall and over and down the edge of the balcony. Apply membrane up the step down and as far up over the door flashing as possible for a complete seal/ waterproof juncture. Note: Ensure that the deck is constructed with falls to edge/drains on min 1:100 (i.e. 20mm in 2m) or achieve this fall with a sand-cement screed. Ensure a minimum step down of 50mm to the finished floor level (top of tiles). Treat all cracks, floor/wall junctions, nail and screw holes, around protrusions with neutral cure silicone.

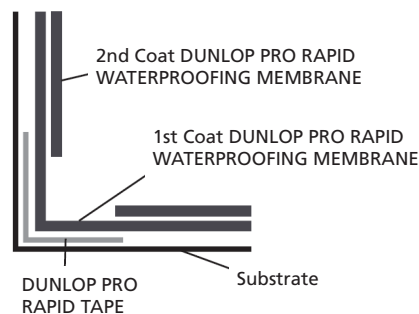
## SURFACE PREPARATION

Surfaces must be sound and dry and floor sheeting materials must be installed to manufacturer's instructions. Remove all contaminating materials such as dust, oil, paint and

curing compounds. Prime all areas to be waterproofed with DUNLOP PRIMER & ADDITIVE in accordance with the Technical Data Sheet. AAC blocks will require two coats of DUNLOP PRIMER & ADDITIVE. Plastic (PVC) fittings should be primed with DUNLOP RAPID BOND COAT when using the DUNLOP PRO RAPID TAPE or wiped down with methylated spirits.

## APPLICATION

1. Apply **DUNLOP PRO RAPID TAPE** to junctions and joints as per instructions, on tape packaging.
2. Apply a coating of **DUNLOP PRO RAPID WATERPROOFING** using horizontal brush strokes over the **DUNLOP PRO RAPID WATERPROOFING TAPE** and over the entire floor section with a clean paint brush or roller (medium nap 8-12mm pile). The first coat should be applied at 0.5mm (wet film thickness) to provide a 0.25mm dry film thickness. Allow to dry. Dry time is approximately 1-2 hours.
3. Apply a second coat at the same application thickness as the first coat to overlap the edge of the **DUNLOP PRO RAPID TAPE** by 10mm using vertical strokes. The membrane must be laped into intrusions such as waste outlets in accordance with AS 3740.



## DRYING TIME

Tiling can begin once the second coat has dried in undertile applications. Drying times will vary depending on humidity, surface temperature and porosity of the substrates. Generally 2-3 hours at 23° and 50% relative humidity.



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## COVERAGE

Coverage will vary with the porosity of the substrates. Two coats are recommended to get optimum performance.

**WALLS & FLOORS** : A final dry film thickness of 0.5mm is required.

A 20kg Pail will cover approximately 17.5m<sup>2</sup>.

A 5kg Pail will cover approximately 4.3m<sup>2</sup>

## CLEAN UP

Wash hands, brushes and rollers in water whilst still wet. Cured material can be removed with mineral turpentine.

## TILING

Do not commence tiling until the membrane is completely dry. The following adhesives are suitable to use over DUNLOP PRO RAPID WATERPROOFING: DUNLOP Trade Resaflex, DUNLOP Rapidflex Tile Adhesive, DUNLOP Wall & Floor Tile Adhesive, DUNLOP Tile-All, DUNLOP Multipurpose Mastic Adhesive, DUNLOP Super Tilesset Plus, DUNLOP Universal Tile Adhesive, DUNLOP Tiler's Mastic Tile Adhesive & DUNLOP Tiler's Rubber Modified Tile Adhesive, DUNLOP Premixed Mastic Adhesive (porous tiles only) - do not use other Dunlop premixed adhesives on waterproofing membranes.

## SHELF LIFE

12 months when stored in a dry place, in original unopened packaging.

## PRECAUTIONS

Do not use **DUNLOP PRO RAPID WATERPROOFING** in areas subject to negative hydrostatic pressure or rising damp or over wet surfaces. Do not apply **DUNLOP PRO RAPID WATERPROOFING** in temperatures below 10°C or above 35°C. This product is not recommended for ponds, spas/ steam rooms and swimming pools. Do not expose to prolonged UV conditions or extended unprotected exposure externally. Where the membrane is to be left uncovered for a period of time, it shall be protected from contamination and damage. Before any substrate preparation, installation or finishing methods relating to DUNLOP product are undertaken, please be aware of any potential risks and use appropriate PPE (personal protective equipment). This may involve contacting substrate manufacturers for Safety Data

Sheets.

## SAFETY DATA

May cause an allergic skin reaction. May cause damage to organs through prolonged or repeated exposure. Avoid contact with skin and eyes; in case of contact with the eyes, wash out immediately with fresh running water. If irritation continues, seek medical attention. Wear protective gloves, clothing, face and eye protection. Avoid inhaling dust/ fumes/gas/mist/vapours/spray. Ensure adequate ventilation during mixing and application. Check with your local Council regarding 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 Datasheet (SDS) and the latest Technical Data Sheet (TDS) at [www.dunlopbuildingproducts.com](http://www.dunlopbuildingproducts.com).

## 10 YEAR 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: 1800 222 841; Email: [technicalservices@ardexaustralia.com](mailto: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



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## DISCLAIMER

The technical details, recommendations and other information contained in this data sheet are given in good faith and represent the best of our knowledge and experience at the time of printing. It is your responsibility to ensure that our products are used and handled correctly and in accordance with any applicable Australian Standards. Our instructions and recommendations are only for the uses they are intended. Users are advised to confirm that this product is suitable for their application and conforms with the specifications of the system being employed and other products in that system. We also reserve the right to update information without prior notice to you to reflect our ongoing research and development program. Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may affect specific installation recommendations. The supply of our products and services is also subject to certain terms, warranties and exclusions, which may have already been disclosed to you in prior dealings or are otherwise available to you on request. You should make yourself familiar with them.

This datasheet was issued in June 2022 and is valid for 3 years, unless updated sooner. Always refer to [www.dunlopbuildingproducts.com](http://www.dunlopbuildingproducts.com) for the latest technical data from ARDEX Australia Pty. Ltd.