DUNLOP

TRADE RANGE

Express WET AREA WATERPROOFING

DUNLOP EXPRESS WET AREA WATERPROOFING is a high performance, water-based acrylic polyurethane membrane. It offers superior workability with high build capabilities to easily achieve the required thickness of an effective waterproof membrane. Suitable for under tile waterproofing of indoor and outdoor wet areas such as bathrooms and balconies. When used with the DUNLOP EXPRESS WET AREA TAPE as part of a total express waterproofing system, tiling can be achieved after 4 hours. This membrane is a Class III Membrane AS/NZ4858.

SUITABLE SURFACES

Internal Fibre-cement 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 1:60 (i.e. approx 30mm in 2m) before waterproofing. Treat all cracks, floor/wall junctions, nail and screw holes, around taps and outlets with neutral cure silicone or DUNLOP EXPRESS WET AREA 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 guidelines.

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

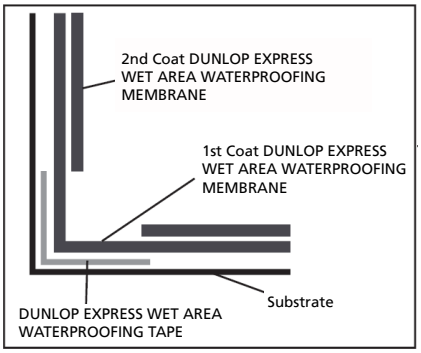
Surfaces must be sound and dry and floor sheeting materials must be installed to manufacturer's instructions. Remove all contaminating materials such as dust, oil, paint and curing compounds. Prime all areas to be waterproofed with DUNLOP PRIMER & ADDITIVE according to the instructions. AAC blocks will require two coats of DUNLOP PRIMER & ADDITIVE. Plastic (PVC) fittings should be primed with a pink plumber's primer when using the DUNLOP REINFORCING MAT or wipe down with methylated spirits when using the DUNLOP EXPRESS WET AREA TAPE, or a suitable metal primer for metal surfaces.

EXPRESS APPLICATION (using Dunlop Express Wet Area Tape)

1. Apply DUNLOP EXPRESS WET AREA TAPE to junctions and joints as per instructions, on tape packaging. Note: There is no requirement for the use of neutral cure silicone as a bond breaker when the DUNLOP EXPRESS WET AREA TAPE is used.

2. Apply the first coat of DUNLOP EXPRESS WET AREA WATERPROOFING using horizontal brush strokes over the DUNLOP EXPRESS WET AREA TAPE and over the entire floor section with a clean paint brush or roller (medium nap, 8-12mm pile). This 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 to overlap the edge of the DUNLOP EXPRESS WET AREA TAPE by 10mm using vertical strokes. The membrane must be lapped into intrusions such as waste outlets in accordance with AS 3740. Allow to dry for a minimum of 3 hours before tiling.



DRYING TIME FOR EXPRESS APPLICATION

Drying time between coats is between 1-2 hours at 23°C in undertile applications. Drying times will vary depending on humidity, surface temperature and porosity of the substrates. Tiling can begin once the second coat has thoroughly dried. Generally 2-3 hours @ 23°, 50% relative humidity.

STANDARD APPLICATION (using Dunlop Reinforcing Mat)

1. Apply neutral cure silicone to the joints as per bathroom preparation instructions.

2. Apply a liberal coat of DUNLOP EXPRESS WET AREA WATERPROOFING membrane with a clean paint brush onto the wall/floor junctions, cracks and over the shower hob. Whilst this coat is wet, lay the DUNLOP REINFORCING MAT to these areas. Remove any wrinkles and bubbles and ensure the mat is fully wetted out in the membrane. Immediately apply a full coat of membrane over the mat so the mat and its outline are not visible.

3. Apply a full coat to the previously primed wall or floor areas

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with a paint brush or roller (medium nap, 8-12mm pile). Allow to dry for 1-2 hours.

4. Apply a second full coat in the opposite direction to all areas including the wall/floor junctions and shower hob. On walls, each wet coat must be 0.5mm thick (this will dry to 0.25mm) and on floors, each coat must be 1mm thick (this will dry to 0.5mm). Total dry film thickness for wall is 0.5mm and for floors is 1mm.

DRYING TIME FOR STANDARD APPLICATION DUNLOP EXPRESS WET AREA WATERPROOFING must be totally dry before tiling which can take between 24 to 48 hours. Drying will be slower over silicone bond breakers and in areas where DUNLOP REINFORCING MAT has been installed. Full cure of the product is 3 days after application. Drying times will vary depending on humidity, surface temperature and porosity of substrate.

COVERAGE

Coverage will vary depending on the porosity of the surface.
FLOORS: A final dry film thickness of 1mm is required.
20kg will cover approximately 8.5m^2 (based on 2 coats).
WALLS: A final dry film thickness of 0.5mm is required. 20kg will cover approximately 17m^2 (based on 2 coats).
5kg will cover approximately 2.1m^2 (based on 2 coats).
WALLS: A final dry film thickness of 0.5mm is required. 5kg will cover approximately 4.25m^2 (based on 2 coats).

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 EXPRESS WET AREA WATERPROOFING: DUNLOP Trade Resaflex, DUNLOP Rapidflex Tile Adhesive, DUNLOP Wall & Floor Tile Adhesive, DUNLOP Tile-All, DUNLOP Multipurpose Mastic Adhesive, DUNLOP Super Tileset, DUNLOP Universal 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 EXPRESS WET AREA WATERPROOFING in areas subject to negative hydrostatic pressure or rising damp or over wet surfaces. Do not apply DUNLOP EXPRESS WET AREA WATERPROOFING in temperatures below 10°C or above 35°C. This product is not recommended for ponds, spas/steam rooms and swimming pools.

SAFETY DATA

DUNLOP EXPRESS WET AREA WATERPROOFING is a non-hazardous, non-dangerous product. Avoid contact with skin. Wear eye/face protection. If swallowed, do not induce vomiting. Rinse out mouth with water and then provide liquid slowly and as much as casualty can comfortably drink. If product comes into contact with eyes, wash out immediately with fresh running water. If skin contact occurs, flush with running water. Seek medical advice in event of irritation. Additional information is in the Safety Data Sheet SDS available at www.dunlopdiy.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: 1800222841; 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".

USER NOTES

The technical details and recommendations contained in this data sheet are given in good faith and represent the best of our knowledge and experience at the time of publishing. It is the responsibility of the user to ensure that the products are used in accordance with DUNLOP product instructions and in applications for which they are intended.

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