



# DAMP-PROOF

## Waterproofing

DUNLOP DAMP-PROOF WATERPROOFING is an acrylic brush-on membrane that will prevent rising damp, efflorescence and will resist negative hydrostatic pressure. It has excellent adhesion to most substrates including brick, masonry, concrete block, concrete, stone and timber and is simple to use by brush or roller. DUNLOP DAMP-PROOF WATERPROOFING is safe to use and can be overcoated using almost any decorative paint.

DUNLOP DAMP-PROOF WATERPROOFING can be applied to damp surfaces and freshly laid hardened (green) concrete and conforms to the Building Code of Australia as a waterproof membrane.

### SUITABLE PROJECTS

- As a waterproofing membrane over green concrete, before laying timber, vinyl, cork, carpet and ceramic tiles with DUNLOP ADHESIVES.
- As a primer over timber sheet floors prior to tiling with DUNLOP WALL & FLOOR TILE ADHESIVE.
- For use as a waterproof membrane prior to applying DUNLOP Floor Leveller.
- As a barrier coating over damp, green or efflorescence prone concrete walls prior to overcoating with decorative paints.
- As a negative hydrostatic pressure resistant waterproof membrane to prevent water seepage or dampness penetration through to the interior of walls and floors.
- As a waterproof barrier on the negative side of below grade surfaces such as basements, retaining walls and car parks.

### SURFACE PREPARATION

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. The surface may be damp (not wet) and must be cleaned free of dirt, grease, oil, or other surface contaminants. Holes/non-structural cracks should be filled with DUNLOP FLOOR REPAIRER prior to using DUNLOP DAMP-PROOF WATERPROOFING.

### APPLICATION

1. On floors, spread the material using a brush or long nap roller to achieve coverage and finish using a long nap roller.
2. On walls, apply the product by brush/roller or spray, taking care to achieve required coverage.
3. Care must be taken to work the material into voids and avoid pinholing.
4. A minimum of 2 coats is recommended for areas affected by hydrostatic pressure and care should be taken to ensure uniformity of material and the required coverage is maintained. The second coat can be applied after 4 hours. When finishing, it is necessary to lay the material onto the surface and lightly finish to achieve the required dry film thickness per coat.

### COVERAGE

One coat of DUNLOP DAMP-PROOF WATERPROOFING is required as a barrier to efflorescence or as a moisture



resistant coating over green concrete. The coverage rate should be 3 square metres per litre, per coat. In areas that are affected by hydrostatic pressure, 2 coats are required at a coverage rate of 1.5 square metres per litre (3 square metres per litre per coat). In the event that this coverage rate is not achieved in 2 coats, further coats should be applied to achieve a uniform coverage rate of 1.5 square metres per litre.

### DRYING TIME

Allow DUNLOP DAMP-PROOF WATERPROOFING to cure for 24 hours before applying adhesives, mortars, decorative coatings or other surface treatments. Care is necessary to ensure the waterproofing membrane is not damaged during subsequent treatments. It is recommended that the final coating applied to floor surfaces should be allowed to cure for at least 24 hours before further treatment to minimise the risks of mechanical damage.

### LIMITATIONS

- Apply whilst surface temperature is between 10-35°C. The product will not cure below 10°C. Do not apply in situations where relative humidity is >85%.
- In enclosed areas, ventilation must be provided during the curing cycle to enable adequate evaporation of water.
- Care should be taken when sandwiching adhesives between DUNLOP DAMP-PROOF WATERPROOFING and floor coverings to allow the water to escape.
- DUNLOP DAMP-PROOF WATERPROOFING is not classified as a trafficable membrane.
- DUNLOP DAMP-PROOF WATERPROOFING must be overcoated when applied in outdoor areas.

### CLEAN-UP

Wash all equipment in water or water/detergent immediately after use.

### SAFETY

Wear gloves when working. If the product enters the eyes, wash with clean water for at least 15 minutes and seek medical advice. If swallowed do not induce vomiting, give a glass of water and contact a doctor. Additional information is listed in the Material Safety Data Sheet (MSDS) on the DUNLOP website.

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