

DAMP-PROOF *Waterproofing*



DUNLOP® DAMP-PROOF WATERPROOFING is a two component water based epoxy membrane coating that will prevent rising damp, efflorescence and withstand negative hydrostatic pressure. It has excellent adhesion to a wide number of substrates and is simple to use by brush or roller. DUNLOP® DAMP-PROOF WATERPROOFING is safe to use in sensitive locations (e.g. around food or habitable areas) and can be overcoated using almost any decorative paint.

TYPICAL APPLICATION

- 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.
- As a waterproofing membrane over freshly laid concrete, prior to the application of DUNLOP® Flooring Adhesives. For use as a waterproof membrane prior to applying DUNLOP® Floor Leveller, refer to the datasheet on the Dunlop Website.
- As a waterproof membrane in tanking applications, including potable water containment.
- As a barrier coating over damp, green or efflorescence producing concrete walls prior to overcoating with decorative paints.

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. Surfaces must be cleaned free of dirt, grease, oil, or other surface contaminants.

MIXING

1. Mix Part A and Part B separately to ensure each forms a homogenous component.
2. Thoroughly mix Part A and Part B in the ratio of 1:1 by volume until a homogenous blend is obtained. Only mix as much as may be used within the pot life (1 hour at 35°C and 2 hours at 25°C) and avoid excessive aeration during mixing.

APPLICATION

1. When the product is to be applied to dry concrete it is advisable to wet the surface with a fine mist of water before application and allow surface to dry.
2. On floors, spread the material using a brush or long nap roller to achieve coverage and finish using a long nap roller.

3. On walls, apply the product by brush/roller or spray taking care to achieve required coverage.
4. Care must be taken to work the material into voids and avoid pinholing.
5. A minimum two 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 and rising damp. 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 (3.0 square metres per litre per coat). In the event that this coverage rate is not achieved in two 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. Please note that 3 days cure is required for solvent-based adhesives or coatings. Care is necessary to ensure the waterproofing membrane coating 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 3 days 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. Curing time will also be adversely affected 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 solvent/water to escape.
- DUNLOP® DAMP-PROOF WATERPROOFING is not classified as a trafficable membrane.



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CLEAN-UP

Wash all equipment in water or water/detergent immediately on completion.

SAFETY

DUNLOP® DAMP-PROOF WATERPROOFING Part A and Part B are hazardous goods and may cause sensitisation by skin contact. They are harmful by inhalation, in contact with skin and if swallowed. Keep containers tightly closed in a well ventilated place. Avoid contact with skin and eyes. It is strongly recommended that protective clothing is worn at all times during use of epoxy material to prevent contact with skin. Additional information is listed in the Material Safety Data Sheet (MSDS) on the Dunlop website.

DUNLOP GUARANTEE

Product is guaranteed for 10 years when installed to manufacturers instructions.

DUNLOP is a trade mark of Ansell Limited and is used under license by ARDEX in Australia and New Zealand.

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TECHNICAL DATA

Colour:	Grey
Finish:	Semi-gloss going to matt with aging
Volume solids:	44%
Mixing ratio:	1:1 (Part A:/Part B) by volume
Coverage:	Must be applied at a rate of 1.5 square metres per litre to achieve an effective waterproofing membrane. Minimum two coats are recommended to achieve uniform coverage.
Wet Film Thickness:	300 micrometers per coat
Recoat time:	4 hours @ 25°C & 50% R.H.
Full cure:	7 days @ 25°C & 50% R.H.
Pot life:	2 hours @ 25°C 1 hour @ 35°C

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 printing. It is the responsibility of the user to ensure that the products are used in accordance with DUNLOP product instructions and in