



DAMP-PROOF MOISTURE BARRIER

DUNLOP DAMP-PROOF MOISTURE BARRIER is an acrylic brush-on coating that can 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. Dunlop Damp-Proof Moisture Barrier is safe to use, and can be applied to damp surfaces and freshly laid hardened (green) concrete.

PRODUCT ATTRIBUTES

Product colours: Grey

Size: 4L

SUITABLE PROJECTS

- As a moisture barrier coating 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 moisture barrier coating prior to applying DUNLOP Floor Leveller.
- As a moisture barrier coating over damp, green, or efflorescence prone concrete walls prior to overcoating with decorative paints.
- As a negative hydrostatic pressure resistant barrier coating to prevent water seepage or dampness penetration through to the interior of walls and floors i.e., basements, retaining walls and car parks.

SURFACE PREPARATION

By way of mechanical methods and vacuum cleaning as necessary, remove all dirt, dust, curing compounds, oils, grease, surface sealers, existing coatings, and any other contaminants prior to product application. Prepare surface to leave sound, clean, dry, free from sharp edges, loose or other materials which may damage the coating.

Substrate can be damp, but with no puddling and/or free flowing of water. Damaged concrete/non-structural cracks should be filled with DUNLOP FLOOR REPAIRER prior to using DUNLOP DAMP-PROOF MOISTURE BARRIER.

APPLICATION

Floor applications: Spread the material using a brush or long nap roller to achieve coverage and finish using a long nap roller.

Wall applications: Apply the product by brush/roller or spray, taking care to achieve required coverage.

- Care must be taken to work the material into voids and avoid pinholing.
- A one coat application is generally used as a primer for subsequent DUNLOP Levelling, DUNLOP Tiling, and DUNLOP Liquid Applied Membrane products.
- A two coat application is generally used as a moisture barrier (efflorescence and rising damp requirements) or negative side (hydrostatic pressure) applications.
- For airless spray applications, please consult the spray machine manufacture for suitable spray equipment.

- 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.

DRYING TIME

DUNLOP DAMP-PROOF MOISTURE BARRIER must be allowed to cure for 24 hours minimum (@ 23°C/50% R.H.) after final coat application before applying DUNLOP Levelling, DUNLOP Tiling, DUNLOP Liquid Applied Membrane, or other coatings/paints. Care must be taken to ensure the product is not damaged during subsequent applications.

COVERAGE

3.0m²/L per coat (0.3mm per coat WFT).

In applications that are affected by hydrostatic pressure, 2 coats minimum are required at a coverage rate of 1.5m² per litre. 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.

LIMITATIONS

- Do not apply DUNLOP DAMP-PROOF MOISTURE BARRIER if ambient temperature and or substrate temperature is below 10°C or above 35°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 MOISTURE BARRIER and floor coverings to allow adequate evaporation of water.
- DUNLOP DAMP-PROOF MOISTURE BARRIER is not classified as a trafficable membrane.
- DUNLOP DAMP-PROOF MOISTURE BARRIER is not designed for UV exposed applications and 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 dunloptrade.com.au



DAMP-PROOF WATERPROOFING

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 February 2025 and is valid for 3 years, unless updated sooner. Always refer to dunloptrade.com.au for the latest technical data from ARDEX Australia Pty Ltd.

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