

# UNDERTILE WATERPROOFING



**DUNLOP UNDERTILE WATERPROOFING** is an effective and simple to use waterproofing membrane specially designed to waterproof under tiles. It can be applied with a normal brush or roller. It is tough, flexible and fully compatible with **DUNLOP® TILE ADHESIVES AND GROUTS**. With advanced acrylic polymers, it is safe to use, low in odour and approved by an independent authority (**CSIRO**).

## WHAT YOU NEED

- DUNLOP® UNDERTILE WATERPROOFING (4L covers 2m<sup>2</sup> on floors)
- DUNLOP® PRIMER AND ADDITIVE (2L covers 12.5m<sup>2</sup>)
- DUNLOP® REINFORCING MAT (1 pack covers 10Lm)
- A neutral cure silicone sealant (400mL tube covers approx. 6Lm)
- Paint brush or roller (for membrane)
- Silicone gun (for sealant)

## SUITABLE SUBSTRATES

Wet area grade plasterboard, fibre cement, marine plywood, concrete, sand/cement renders and screeds, bricks, AAC blocks. Contact DUNLOP toll free service for advice on waterproofing over existing tiles, 1800 222 841.

## MINIMUM AREAS RECOMMENDED TO WATERPROOF BATHROOM:

Full shower recess floor, over hob and 100mm onto bathroom floor. Up recess walls 150mm and 1800mm up internal vertical corner of recess. Check your local government requirement.

**BALCONY:** Full deck, minimum 100mm up wall and over and down front edge.

## SURFACE PREPARATION

Ensure surfaces are sound and dry and floor sheeting materials are installed to manufacturers instructions. Remove all contaminating materials such as dust, oil, paint and curing compounds. Treat all cracks and floor/wall junctions with a neutral cure silicone.

## PRIMING

Prime all areas to be waterproofed with DUNLOP® PRIMER AND ADDITIVE according to the instructions on DUNLOP® PRIMER AND ADDITIVE. AAC blocks will require 2 coats of DUNLOP® PRIMER AND ADDITIVE.

## APPLICATION

1. Apply first coat of DUNLOP® UNDERTILE WATERPROOFING with a clean paint brush or roller so that all the surfaces (wall and/or floor) are fully covered.
2. While the first coat is still wet, install DUNLOP® REINFORCING MAT in all wall/floor junctions, cracks and over the shower hob.
3. Remove any wrinkles in the mat and immediately apply a second coat. In areas where no mat has been used allow 4 hours drying time before applying second coat.
4. The membrane should be 1.2mm thick after 2 coats.

## COVERAGE

4L of DUNLOP® UNDERTILE WATERPROOFING will waterproof up to approximately 4m<sup>2</sup> on walls or 2m<sup>2</sup> on floors, based on 2 coats.

## DRYING TIME

Recoat once first coat is totally dry (around 4 hours at 23°C). When reinforcing mat is used the second coat can be applied immediately after the mat has been bedded into the first wet coat. Do not commence tiling before the membrane is completely dry. This can take up to 48 hours. Drying time will always depend on temperature and humidity.

## CLEAN UP

Wash hands, brushes and rollers in water whilst still wet.

## SHELF LIFE

DUNLOP® UNDERTILE WATERPROOFING has a shelf life of 12 months when stored in the original unopened packaging, in a dry place at 30°C and 50% humidity.

## PACKAGING

4L

## DUNLOP GUARANTEE

Product is guaranteed for 10 years when installed to manufacturers instructions. Manufactured under a quality system certified as complying with ISO 9001 by an accredited certification body. Material Safety Data Sheets are available upon request.

## TECHNICAL DATA

Characteristics of Liquid:	
Form & Colour:	Blue viscous paste
Type:	Single part
Specific Gravity:	Approx 1.34kg/litre
pH of liquid :	9.0
Viscosity of Liquid (RVT Brookefield, spindle 7 speed 10):	52,000 cps
Non volatile matter (volume):	AS1321.10 65.5% +/-1
Water Absorption:	AS121 7.8%
Tensile Strength:	
28 days dry	AS1145 1.91Mpa
after UV exposure	AS2433 2.86Mpa
Elongation at Break:	
28 days dry	AS1145 207%
after UV exposure	AS2433 167%

Note: Most of the tests have been carried out in the ARDEX laboratory under standard conditions 23±°C, 50± R.H.)



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## SAFETY

DUNLOP® UNDERTILE WATERPROOFING is non-hazardous and non-dangerous. It may produce discomfort of the eyes, respiratory tract and skin. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin. Wear eye/face protection. In case of contact with eyes, rinse with plenty of water and seek medical advice.

## FIRST AID

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 in 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. If fumes or combustion products are inhaled, remove from contaminated area. Material Safety Data sheet available upon request.

## 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 applications for which they are intended.

Exceeds Australian Standard AS 4992.1

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