

# BALCONY INSTRUCTIONS

## Waterproofing Under Tiles

### Preparation:

1. All surfaces to be waterproofed must be firm, clean, dry, sound and smooth. All grease, oil, wax, curing compounds, loose material, paint and any other contaminants must be removed, masonry surfaces must be pointed flush and surface defects repaired. New concrete must be cured for a minimum of 28 days.
2. External corners to be waterproofed must be bevelled to ensure a smooth transition of membrane from vertical to horizontal surfaces.

### Installation:

1. Installation shall be in accordance with AS4654.2-2012 Waterproofing membrane systems for exterior use - Above ground level - Design and installation, paying particular attention to Clause 2.6 Typical Termination Details. Tile installation shall be in accordance with AS 3958.1-2007 Ceramic tiles - Guide to the installation of ceramic tiles.
2. Recess outside edge of balcony to accommodate Aluminium Balcony Trim. Fix Balcony Trim using Class 3 galvanized screws.
3. Prime Balcony Trim and all other non porous substrates.
4. Apply a suitable Primer to the substrate being waterproofed.
5. Apply a minimum of two coats of waterproofing membrane to achieve the required dry film thickness. Ensure that the previous coat has completely dried before applying the subsequent coat(s). NOTE: All penetrations must be waterproofed.
6. Incorporate a suitable 'bond breaker' style bandage into the first coat of waterproofing membrane to seal all types of joints and junctions.
7. Once membrane is fully cured, install a screed, ensuring a minimum 1 : 100 fall.
8. Allow screed to cure, then install Floor tiles.
9. Grout tiles using proprietary grout.
10. Install backing rod to all perimeter and intermediate movement joints and seal with sealant.



### DISCLAIMER:

*This information is intended as a guideline for trade professionals, we take no responsibility or accept any liability for any loss or failure.*

### Compliance to NCC Objective:

Buildings under Volume 1 and Volume 2 of NCC refer to the same Objectives and Application criteria. The objective is to safeguard the occupants from illness or injury and protect the building from damage caused by the accumulation of moisture in a building.

### Acceptable Construction Practice:

Volume 1: **F1.4 External above ground membranes**

Volume 2: **3.8.1.3 External above ground membranes**

*Waterproofing* membranes for external above ground use must comply with AS 4654.1 and AS 4654.2.

