



TECHNICAL BULLETIN – TB225

MAINTENANCE OF WATERPROOFING MEMBRANES

12th August 2024

INTRODUCTION & SCOPE

This bulletin outlines the procedures recommended by ARDEX Australia for reinstalling damaged ARDEX liquid under-tile waterproofing membranes.

ABOUT THE SYSTEM

ARDEX WPM001 and ARDEX WPM155 are single-component acrylic waterproofing systems, whereas WPM002 is a two-part cementitious acrylic waterproofing system. These membranes are designed to be covered by screeds, bonded pavers, and/or ceramic tiling when applied in accordance with AS3740 internally and in accordance with AS4654 when applied externally.

REGULAR MAINTENANCE

There is no need for regular inspection as these membranes must be protected/covered by tiling, bonded paving, and screeds.

INCIDENT REPAIR PROCEDURE

- 1) Damaged membrane should be repaired as soon as possible after damage to avoid subsequent consequential damage.
- 2) Carefully remove toppings, pavers, or tiles to expose the membrane.
- 3) Remove damaged areas of the membrane, including an overlapping margin of a minimum of 50mm.
- 4) Repair damaged substrate with similar materials or suitable ARDEX repair compounds and let dry. The repair shall include bond breakers and ARDEX Deckweb if required.
- 5) Using ARDEX WPM270 Solvent Primer, lightly coat the existing membrane and repaired substrate and let fully dry.
- 6) Within 4 hours, apply the new ARDEX membrane to the substrate and prepare the existing membrane to achieve the required 'dry film thickness.' Include overlapping a minimum of 50mm onto the existing membrane. Allow the new membrane to fully cure before proceeding with subsequent screeding and/or tiling/paving works.
- 7) Select the correct/suitable adhesive and grout for the tiles and location OR consult with ARDEX Technical Services Dept.
- 8) Expansion and movement joints must be installed in the tile finish as per AS3958.1.



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IMPORTANT

This Technical Bulletin provides guideline information only and is not intended to be interpreted as a general specification for the application/installation of the products described. Since each project potentially differs in exposure/condition specific recommendations may vary from the information contained herein. For recommendations for specific applications/installations contact your nearest Ardex Australia Office.

DISCLAIMER

The information presented in this Technical Bulletin is to the best of our knowledge true and accurate. No warranty is implied or given as to its completeness or accuracy in describing the performance or suitability of a product for a particular application. Users are asked to check that the literature in their possession is the latest issue.

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