



## TECHNICAL BULLETIN - TB273.001

### Waterproofing Maintenance Guide – ARDEX WPM 8' Series

**Date, 8<sup>th</sup> July 2024**

#### INTRODUCTION & SCOPE

To maintain the durability of exposed ARDEX WPM 8' Series Waterproofing Systems, it is essential to adhere to a regular maintenance plan outlined in this guide. Routinely inspecting and cleaning of the waterproofing membrane will help detect any damage early on, enabling prompt repairs to prevent extensive widespread damage over time.

#### PRODUCTS

Pedestrian traffic environments:

**ARDEX WPM 812 SL** (basecoat) or **ARDEX WPM 812** (basecoat)

**ARDEX WPM 822** (topcoat)

Heavy vehicle traffic environments:

**ARDEX WPM 813** (basecoat)

**ARDEX WPM 823** (topcoat)

#### FOCUS AREA

Key inspection areas such as but not limited to are walkways, plant rooms, turning / parking bays, ramps, drain outlets, down pipes, gutters, scuppers, penetrations, skylights, air conditioning units, plant equipment, walls, expansion, and construction joints.

Check for signs such as membrane cracking, blistering, pin holing, tears, bald spots, or splitting. Other types of damage caused may include mechanical (i.e., maintenance staff) or physical from storm damage, fallen tree/branches and debris, vandalism, or damage from wildlife.

#### FREQUENCY

All areas should be inspected every 6 to 12 months, paying close attention to high wear or traffic areas, to determine potential deterioration or damage to the surface and non-slip value. Coastal areas and or areas prone to chemical spills may require more frequent inspection periods (i.e., every 3 - 6 months).

#### CLEANING

Using a neutral pH cleaner or detergent and applied using a soft bristle broom scrub the membrane surface to loosen salt, dirt, dust, grime etc and wash down under a low-pressure spray using clean water only.

#### RECOATING

For recoating the topcoat only, remove any loose or flaking coating and abrade any rough edges to give a smooth surface. Abrade all areas of topcoat being reinstated and remove all debris. Solvent wipe the prepared surface with ARDEX WA 98 Solvent and immediately apply the appropriate ARDEX 8' Series topcoat to the required thickness and finish. Allow the repaired area to cure fully before subjecting to traffic. The new coat(s) must overlap onto the existing membrane surface by 50mm minimum.

If during the inspection / cleaning / preparation process the membrane system has been damaged / removed back to the original substrate then the entire surface preparation and application process of the ARDEX WPM 8' Series System must be performed. For further information please contact ARDEX Technical Services on 1800 224 070 or email [technicalservices@ardexaustralia.com.au](mailto:technicalservices@ardexaustralia.com.au).



### KEY NOTES

Record all observations and actions taken, including photographing the findings. Specifically note the date of initial detection, along with details on severity, location, and affected area(s). Any required inspection / maintenance / repairs should be carried out by the original contractor to ensure cohesion on the agreed warranty terms and conditions or a suitably qualified contractor.

#### **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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