



TECHNICAL BULLETIN – TB234

MAINTENANCE OF ARDEX WPM310 MEMBRANE ON MASONRY WALLS

16th August 2024

INTRODUCTION & SCOPE

This bulletin outlines the procedures recommended by ARDEX Australia for maintaining the ARDEX WPM310 waterproofing membrane system used on exposed walls

ABOUT THE SYSTEM.

ARDEX WPM310 is a premium acrylic waterproofing membrane specifically designed for waterproofing exposed wall areas. Its ultraviolet-stable acrylic coating provides long-term exterior durability. The membrane may be recoated when necessary, and the coating is self-cleaning.

REGULAR MAINTENANCE

Regular maintenance involves frequently inspecting all surfaces to ensure they have not been damaged or penetrated.

INCIDENT REPAIR PROCEDURE

Incident damage should be repaired immediately following the incident to avoid subsequent consequential damage.

Grind the damaged area(s) and feather the peripheral edges into the firmly bonded undamaged coating system. Apply one light coat of ARDEX WPM270 solvent primer to all prepared/exposed surfaces and allow the primer to dry.

Reinstate the ARDEX WPM310 coating over the prepared/exposed surfaces and extend the repair to overlap the existing coating by at least 50mm.

ROUTINE PERIODIC MAINTENANCE

All surfaces should be inspected periodically (suggested as 6 monthly) to identify areas of damage, such as cracking, gouging, or rips.

The surface colour should be assessed to ensure there is no shadowing or show-through evidence due to coating erosion.

For mechanically damaged areas, grind the damaged area(s) and feather the peripheral edges into the firmly bonded undamaged coating system. Apply one light coat of ARDEX WPM 270 solvent primer to all prepared/exposed surfaces and allow it to dry.

Reinstate the ARDEX WPM 310 membrane over the prepared/exposed surfaces and extend the repair to overlap the existing membrane by at least 50mm.



MAJOR MAINTENANCE

Major maintenance is recommended every 10 years. All surfaces should be washed down with high-pressure water using a rotary head (turbo) nozzle at 14 MPa (2000 psi) pressure to remove any loose or poorly bonded coating. Refer to the above “routine periodic maintenance” for re-coating.

Do not use solvent-based paints or cleaning agents that may damage the integrity of the coating.

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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