



ARDEX WPM 908

Water Based Acrylic Trafficable Membrane

Abrasion resistant – excellent slip resistance properties

Single component – ready to use, no mixing required

UV resistant – suitable for exposed applications

Water based – safe to use, low odour and easy cleaning

Green Star – meets the benchmark for VOC credit in
the Green Building Council of Australia's Rating Tools

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ARDEX WPM 908

Water Based Acrylic Trafficable Membrane

DESCRIPTION

ARDEX WPM 908 is a water based single part acrylic trafficable waterproof membrane. It has specifically been developed for use as a hard wearing trafficable membrane on various substrates. ARDEX WPM 908 has been formulated to give anti-slip properties without the use of additional broadcast sand or fillers.

FEATURES/BENEFITS

- Water based – safe to use, low odour and easy cleaning
- Abrasion resistant – excellent slip resistance properties
- Single component – ready to use, no mixing required
- UV resistant – suitable for exposed applications
- Green Star – meets the benchmark for VOC credit in the Green Building Council of Australia's Rating Tools

RANGE OF APPLICATIONS

Light foot traffic podiums

Terraces

Balconies

Roof decks

Plant and mechanical room floors

Swimming pool surrounds

Trafficable box gutters

Steps

Pathways

Patios

SURFACE PREPARATION

Concrete – the preferred surface texture for concrete floors in preparation for the application of ARDEX products is a wood float finish. Steel trowel finished concrete must be roughened mechanically as necessary to remove laitance and provide a good key for product application. All surfaces must be dry and cleaned free from dirt, grease, oil, curing compounds, loose particulates and other surface contaminants.

Existing membranes or coatings on concrete – all existing membranes, adhesives and other surface coatings shall be removed by mechanical means and the surface treated to open the pores. All surfaces shall then be cleaned free from all loosely bound materials and all other surface contaminants and allowed to dry thoroughly.

Compressed Fibre Cement sheets must be fixed strictly in accordance with the manufacturer's instructions. Mechanical fixings such as screws shall be countersunk, filled and sanded to a smooth substrate surface finish. All surfaces shall then be sanded to a smooth to plane finish and vacuumed to remove all loose particles. All surfaces should be dry, clean, and free of dust, grease and all loose contaminating materials. Joints between sheets and perimeter joints should be sealed with a neutral cure silicone.

For **Expansion Joint** preparation please refer to Technical Bulletin TB226 available on ardexaustralia.com.

SUBSTRATES

Concrete

Cured for minimum 28 days, wet concrete should be allowed to dry thoroughly or sealed with one coat of ARDEX WPM 300 at coverage rate of 3.0m² per litre.

Renderers and screeds

Cured for min 7 days. Wet render should be allowed to dry thoroughly or sealed with one coat of WPM 300 at coverage rate of 3.0m² per litre and allowed to cure overnight.

Compressed fibre cement sheets

Wet area grades only.

PRIMER

Prepared substrates must be primed with ARDEX WPM 300 (HydrEpoxy) prior to the application of ARDEX WPM 908 Trafficable Membrane.

TYPICAL APPLICATIONS

External decks and floors, rooftops (new and existing), podiums, parapets.

External timber decks should be waterproofed with ARDEX Butynol membrane.

APPLICATION

Apply ARDEX WPM 908 with a brush or paint roller. Stir ARDEX WPM 908 thoroughly prior to each application. Apply at a wet film thickness rate of 400µm per coat (three coat system) to ensure full coverage with brush or roller. Apply ARDEX WPM 908 at a minimum of three coats ensuring a uniform coverage is achieved at an approximate wet film thickness of 0.4mm per coat to achieve an overall dry film thickness of 0.6mm. Anti slip properties may be enhanced on application by using a textured roller.

ARDEX WPM 908 has been formulated to provide anti-slip properties. For superior anti slip properties, use of alumina grit is recommended. This should be broadcast over the first coat of ARDEX WPM 300 prior to application of ARDEX WPM 908 Trafficable Membrane.

COVERAGE GUIDE

1) Prime Coat	ARDEX WPM 300	(WFT)	0.3mm
2) First Coat	ARDEX WPM 908	(WFT)	0.4mm
3) Second Coat	ARDEX WPM 908	(WFT)	0.4mm
4) Third Coat	ARDEX WPM 908	(WFT)	0.4mm

COVERAGE

Approximately 12.5m² per pail (three coat system).

DRYING TIME

Recoat time is 2–4 hours in between first and second coats. Drying time on flat surfaces under standard conditions is around 4 hours. However, dry through time will be slowest in areas where ARDEX WPM 908 is applied over silicone bond breaker, or is reinforced. Make sure these areas are dry. In some cases, this can vary from 24 hours to 48 hours.

Full cure of the product is 3 days after application at 23°C. Drying times will vary depending on humidity, surface temperature and porosity of substrates.

PACKAGING/STORAGE

15L (17.3kg) pail, 12 months when stored in the original unopened packaging in a dry place at 23°C.

CLEAN UP AND DISPOSAL

Wash hands, brushes, rollers, etc, with water while the membrane is still fresh. Remove cured material with mineral turpentine. Remove any food or drink stains immediately with warm water and a mild household detergent. Dispose of containers in compliance with all relevant local, state, and federal regulations.

PRECAUTIONS

All surfaces must be structurally sound, dry and free from all surface contaminants.

DO NOT USE ARDEX WPM 908 UNDER THE FOLLOWING CONDITIONS

- Areas subject to negative hydrostatic pressure or rising damp
- Wet substrates or green screeds/concrete – need to be sealed with one coat ARDEX WPM 300 as described earlier
- Surface temperatures below 10°C or greater than 35°C
- As an undertile membrane

TECHNICAL DATA

ARDEX WPM 908 meets the criteria for AS 4654.2 – 2009

Above Ground Level – Materials

Above Ground Level – Design and Installation

Form	Medium viscosity liquid
Colour	Grey, white base
Specific gravity	1.15g/cm ³

Application temperature

Surface temperature 10–30°C

Service temperature 0–80°C

Elongation at break 120%

Abrasion resistance 61.5 (H22 wheel)

mean wear index (ASTM D 4060-07)

Accelerated wear slip test ARDEX WPM 908 Class W Wet pendulum test (as made)

Accelerated wear slip test ARDEX WPM 908 (with Aluminium Oxide Grit No.16) Class V Wet pendulum test (after 5000 wear cycle)

Dry floor friction test Class F

VOC content 70g/L

GUARANTEE

ARDEX Australia Pty Ltd (“we” or “us”) guarantees this product (“our goods”) is free from manufacturing defects and will perform to any applicable specification published by us for 10 years from the date of purchase. Our liability under this guarantee is limited at our option to replacement of the product, repair of any damage to the immediate surface or area of application of the product, or compensation, in each case if we are satisfied loss or damage was due to a breach of this guarantee.

This guarantee does not apply if damage or loss is due to failure to follow published instructions or any act or circumstance beyond our control, including shade variations and efflorescence. If you wish to make a claim under this guarantee you must notify us (ARDEX Australia Pty Ltd, 20 Powers Road Seven Hills NSW 2147; Toll Free: 1800 224 070; Email: TechnicalServices@ArdexAustralia.com) and provide evidence of your purchase of the product within 30 days of any alleged loss or damage occurring. We reserve the right to ask you for satisfactory evidence of any alleged loss or damage. Any claim under this guarantee is at your cost.

This guarantee is in addition to any rights or remedies you may have as a “consumer” under the Australian Consumer Law and to that extent you need to be aware that: “Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure”.

DISCLAIMER

The technical details, recommendations and other information contained in this data sheet are given in good faith and represent best of our knowledge and experience at the time of printing. It is your responsibility to ensure that our products are used and handled correctly and in accordance with any applicable Australian Standard, our instructions and recommendations are only for the uses they are intended. We also reserve the right to update information without prior notice to you to reflect our ongoing research and development program. Country specific recommendations, depending on local standards, codes of practice building regulations or industry guidelines may affect specific installation recommendations.

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