



ARDEX WPM 1000

WeldTec Weldable Waterproofing Membrane

Versatile Butynol® Rubber Waterproofing Membrane

High Performance Weldable Undertile Waterproofing Membrane

Heat Welded Laps and Seams

Easy Installation

Consistent 1.2mm gauge

Suitable for underground tanking, roof, decks, under tiles, pavers, pond linings, cavity door flashings

Installed by ARDEX Approved Installers



BRANZ Appraised
Appraisal No.727 [2017]



CODEMARK™

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WeldTec Weldable Waterproofing Membrane

PRODUCT DESCRIPTION

ARDEX WPM 1000 WeldTec Weldable Waterproofing Membrane is a versatile/tillable Butynol® rubber membrane that can be heat welded.

ARDEX WPM 1000 is made up of synthetic rubber with properties which resist against ageing. Polypropylene filaments are welded onto both sides of the membrane for better wetting from adhesives. It has excellent gas impermeability and toughness and remains flexible at low temperatures.

Laps and corners are to be heat formed and/or welded. Flood testing/tiling can be done directly on the membrane after 60 minutes. Recommended ARDEX tile adhesives such as ARDEX X 77, ARDEX X 56, ARDEX X 18, or ARDEX Optima may be used.

FEATURES AND BENEFITS

- May be directly tiled to (using approved ARDEX tile adhesives).
- Tiling/flood testing can begin 60 minutes after membrane installation.
- May have a screed directly adhered to top surface of membrane (minimum 15mm using WPM 405 additive is screed and slurry prime).
- May be rendered over using ARDEX approved acrylic renders.
- May be painted over using ARDEX approved coatings and membranes.
- No fillet/bond breaker required in floor/wall transitions.
- Greater than 300% elongation.
- Consistent waterproofing gauge thickness.
- Heat welded corners and laps.
- Available with a unique clamp waste outlet (TileRite).
- Up to 20 years material warranty (when used in conjunction with clamp-down wastes).
- Resists tearing, flex cracking, bubbling and abrasion.

USES

ARDEX WPM 1000 is suitable for waterproofing underground tanking, rooftops, decks, under tiles, pavers, canal and pond linings (when tiled or slurry coated), cavities and door flashings.

ARDEX WPM 1000 is the preferred waterproofing membrane to be used in conjunction with ARDEX UD150 Drainage Mat, (refer to ARDEX UD150 datasheet)

SUBSTRATES

Fibre cement compressed sheet, closed cell polyurethane foam, paper face plaster board, plywood, timber and concrete. For further substrate types please consult ARDEX Technical Department.

SURFACE PREPARATION

When applying ARDEX WPM 1000 Substrates must be clean, dry, smooth and free of sharp edges, loose or foreign materials. The plywood and timber substructure shall have a maximum moisture content of 18% when ARDEX WPM 1000 is adhered.

NOTE: The use of LOSP (Light Organic Solvent Preservative) treated plywood must NOT be used under ARDEX WPM 1000 in any circumstances or conditions.

INSTALLATION

The application of ARDEX WPM 1000 should be carried out by an ARDEX Approved Installer.

Note: A LBP is required to carry out Restricted Building Work. A LBP must do or supervise this work. They must work within the scope of their licence class.

Installation must be undertaken in accordance with all relevant technical information related to the selected installation method, including information contained within the ARDEX specification.

ARDEX WPM 1000 must not be left exposed to UV.

TECHNICAL DATA

CHARACTERISTICS	TEST METHOD	NOMINAL VALUE
Nominal gauge		1.2mm
Specific gravity	ASTM D297	1.26 ±0.05
Tensile Strength	ASTM D412	6.0 (MPa) Min
300% Modulus	ASTM D412	4.00 (MPa) Min
Elongation at Break	ASTM D412	300% Min
Tear Die	ASTM D624	75 ± 5 (°IRHD)
Tensile Retained	ASTM D412	70% Min
Ozone Resistance -7 days at 40°C in 50pphm ozone	ASTM D1149	No visible cracks

GAUGES

Standard 1.2mm

PACKAGING

Rolls of nominal 1.4m x 20m long

Approximate weight per roll 38kg

Rolls are packed in a polythene wrapper trademarked ARDEX WPM 1000.

DISCLAIMER

The technical details, recommendations and other information contained in this data sheet are given in good faith and represent the 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 New Zealand Standard, our instructions and recommendations and 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 effect specific installation recommendations. The supply of our products and services is also subject to certain terms, warranties and exclusions, which may have already been disclosed to you in prior dealings or are otherwise available to you on request. You should make yourself familiar with them.