



ARDEX WPM 150

Shelterstick Self-adhesive Membrane

2mm SBS Fibreglass Reinforced Bituminous Membrane

Cold Applied - safe over heat sensitive substrates

Extremely Malleable

Self Healing



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ARDEX WPM 150

Shelterstick Self-adhesive Membrane

PRODUCT DESCRIPTION

ARDEX Shelterstick WPM 150 is a self-adhesive bituminous membrane with fibreglass reinforcement. It is mainly used as a base layer in the ARDEX Torch Applied Range.

SPECIAL FEATURES

- Resists high hydrostatic pressure.
- Highly resistant to acids, alkalis or other pollutants.
- ARDEX WPM 150 membrane self seals on contact if being installed using nails or other fasteners or if accidentally cut.
- ARDEX WPM 150 Shelterstick is a cold applied membrane installed without the use of naked flames, thus offering a high level of safety during installation.

USES

Shelterstick WPM 150 is ideal as a base layer over heat sensitive substrates for general waterproofing, foundations, tunnels or when the type of operation or materials requires that the use of a naked flame must be avoided. Examples of these situations are in confined spaces or on materials such as insulation panels or timber etc.

STORAGE

All rolls of ARDEX WPM 150 should be stored in a covered area protected against sunlight and UV radiation. Rolls should be stored in a vertical position on a smooth floor so as not to damage the edges.

SURFACE PREPARATION

Substrates need to be clean, smooth, dry and free of sharp edges, loose or foreign materials, oil, grease and other materials that may damage the membrane. All surface voids greater than 5mm wide shall be properly filled with an acceptable fill material.

Confirm concrete structures are specifically engineered to meet the requirements of the NZBC B1/VM1, 3.0 Concrete.

Ensure concrete substrate has been allowed to cure for at least 28 days before commencing application. The relative humidity of concrete substrates must be 75% or less before membrane application to NZBC E2/AS1, 10.0 Construction moisture. Take a measurement using a hygrometer to verify concrete has sufficiently dried when necessary. This process is essential.

The above criteria do not apply if ARDEX WPM 196 is loose-laid on lean site concrete.

ARDEX do not recommend the use of curing compounds; however, when used ensure all traces of compound are gone or removed. Concrete to be finished to NZS 3114, U3 with a light trowel texture. The concrete to have all ridges and protrusions stoned flush.

INSTALLATION

The application of ARDEX WPM 150 should be carried out by an approved ARDEX Applicator.

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.

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

Prior to the application of ARDEX WPM 150 the surface may require priming with ARDEX WPM 240 (Shelter Primer). Coverage of primer will depend on the porosity of the substrate.

ARDEX WPM 150 is fully bonded to the prepared substrate with side laps of 100mm and end laps of 150mm. Overlaps shall be sealed by torch.

ARDEX WPM 150 may be used in various combinations to produce a variety of specifications tailored to suit the individual waterproofing need.

The exact specification will depend on functional and economic requirements. Advice should be sought for suitable specification from ARDEX.

ARDEX WPM 150 is not UV stable and must be covered by WPM 189 or protected.

VERSATILE

ARDEX Shelterstick WPM 150 has assured versatility because of its softness, lightness and flexibility. In situations where traditional torch-on or fastened systems cannot be used ARDEX WPM 150 provides the best results without compromising the quality of the work to be done.

ARDEX WPM 150 is ideal for waterproofing sound and vapour barriers, underlays and urgent repairs providing longer lasting results.

PACKAGING

Roll size: 1m wide 15m x 2mm.

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 & Australian Standards, 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. © ARDEX New Zealand Ltd 2016. All aforementioned products are the trade marks of ARDEX New Zealand Ltd.