



ARDEX WPM 189+

Mineral Coated Bitumen Membrane

5mm thickness

5kg/m² Mineral Coated SBS/APP Bitumen Membrane

Excellent resistance to atmospheric agents

Resistant to chemical attacks

High puncture resistance

Heat welded laps provide a homogenous join

Excellent cold flexibility and elasticity

Excellent resistance to cracking

Improved dimensional stability

Excellent elongation



BRANZ Appraised
Appraisal No.463 [2022]

ARDEX New Zealand Ltd
15 Alfred Street
Onehunga, Auckland 1061
Phone: 0800 227 339
Email: info@ardexnz.com
ardex.co.nz

ARDEX WPM 189+

Mineral Coated Bitumen Membrane

DESCRIPTION

ARDEX WPM 189+ is a dual-layer, modified bitumen membrane, consisting of a specially formulated bituminous compound.

The bottom layer of ARDEX WPM 189+ comprises of an SBS compound which gives high elasticity and excellent flexibility at low temperatures. The top layer is then formed from APP modified bitumen which provides good cold flexibility and high resistance to heat and UV radiation. ARDEX WPM 189+ is coated with a ceramic chip for increased colour stability.

USES

ARDEX WPM 189+ is ideal for use as a multi-layer membrane in horizontal or vertical applications for waterproofing balconies, terraces and roofs. ARDEX WPM 189+ is the final layer in the system.

SUBSTRATES

Structural or marine plywood, Strandsarking, Concrete, Existing Bitumen

For further substrate types please consult ARDEX Technical Department.

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. If concrete has moisture on the surface use a gas torch to dry and warm the area before priming.

INSTALLATION

The installation of ARDEX WPM 189+ should be carried out by an approved ARDEX Installer.

Note: A Licensed Building Practitioner (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 shall be undertaken in accordance with all relevant technical information related to the selected installation method, including information contained within the ARDEX installation documents.

Prior to the application of ARDEX WPM 189+, the surface may require priming with ARDEX WPM 240. Coverage will depend on the porosity of the substrate.

ARDEX WPM 189+ is normally fully bonded to the prepared substrate with side laps of 100mm and end laps of 150mm. Overlaps should be sealed by torch.

STORAGE

ARDEX WPM 189+ should be stored in an area sheltered from sunlight and UV radiation. Rolls should be stored vertically on a smooth floor so as not to damage the edges.

PACKAGING

ARDEX WPM 189+ comes in rolls of 1m by 8m.

Product Name	Thickness	Colour	Product Code
ARDEX WPM 189+	5mm	Black/Grey Chip	32325
ARDEX WPM 189+	5mm	Black Gloss Chip	32326

TECHNICAL DATA

Characteristics	Test Method	Nominal Value
Heat Stability	UNI EN 1110	100°C
Cold Flexibility	UNI EN 1109	-10°C
Tensile Strength	UNI EN 12311-1	
Ultimate Longation	N/5	600cm
Ultimate Transversal	N/5	500cm
Elongation at Break	UNI EN 12311-1	
Ultimate Longation		35%
Ultimate Transversal		35%
Tear resistance	UNI EN 12310-1	
Longitudinal		150N
Transversal		130N

Toll Free Technical Services: 0800 227 339 (New Zealand)

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 2018.

All aforementioned products are the trademarks of ARDEX New Zealand Ltd, its licensors and affiliates. This data sheet was issued in July 2018. Always refer to ardex.co.nz for the latest technical data from ARDEX New Zealand Ltd.