



ARDEX Protection Board

Fluted Polyethylene Board

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DESCRIPTION

ARDEX Protection Board is a fluted polyethylene board designed to be used after the membrane installation and prior to backfilling to protect the membrane from mechanical damage during the backfilling operation.

SIZE

1,830 X 1,220mm fluted boards.

GAUGE

2.5mm / 350gsm

COLOUR

Natural, Black

PACKAGING

Packs of 25 boards.

| PROPERTY | UNIT | VALUE | TEST METHOD |
|---|-------------------|-------------------------------|-------------|
| | | General Purpose/ Copolymer | |
| MECHANICAL & PHYSICAL PROPERTIES | | | |
| Tensile Strength @ Yield | MPa | 25 | ASTM D638 |
| Flexural Modulus | GPa | 1.1 | ASTM D790 |
| Izod Impact | J/m | 134 | ASTM D256 |
| Izod Impact @ 23°C | KJ/m ² | 14 | ISO 180/1 |
| Izod Impact @ 0°C | KJ/m ² | 6.5 | ISO 180/1 |
| Izod Impact @ -23°C | KJ/m ² | 4 | ISO 180/1 |
| Drop Dart Impact | Kg cm/mm | 50 | Nylex TM4 |
| Specific Gravity | g/cc | 0.910 - 0.925 | ASTM D792 |
| Hardness | Shore D | 68 | ASTM D2240 |
| Mould Shrinkage | % | 1-2 | ASTM D955 |
| THERMAL PROPERTIES | | | |
| Heat Deflection Temperature @ 1.82 MPa | °C | 50 | ASTM D696 |
| Co-efficient of Linear Thermal Expansion | mm/mm/°C | 10-15 x 10 ⁻⁵ | ASTM D696 |

Polymer properties for Polypropylene with proprietary additives.

(a) The property values shown are measured, where applicable, on injection molded uncoloured test specimens. They are based on a limited number of tests and, therefore should not be construed as product specifications.

These values may shift slightly as additional data are accumulated.

Users should determine results & suitability of this product for use in their own application/s through end use testing.

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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 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 Australian Standards. 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. 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.

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