



ARDEX HD Cover Board

12.7mm High Density Polyiso Cover Board

Easy to handle and cut than other cover board products

Compatible with fully adhered and mechanically attached ARDEX TPO membranes

Outstanding thermal performance compared to other cover boards

Lightweight, each board weighs only 5kg

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ARDEX HD Cover Board

12.7mm High Density Polyiso Cover Board

DESCRIPTION

ARDEX HD Cover Board is a (12.7 mm) thick polyiso insulation designed for use as a cover board. It is a high density, closed-cell, polyisocyanurate foam core that has been manufactured with a coated glass facer. ARDEX HD provides the highest thermal performance when compared to other 12.7mm roof cover boards.

ARDEX HD Cover Boards use EPA accepted blowing agents, which incorporates a HCFC-free blowing agent that does not contribute to the depletion of the ozone (ODP-free).

FEATURES / BENEFITS

- Outstanding thermal performance compared to other cover boards
- Lightweight, each board weighs only 5kg (1.22m x 2.25m)
- Easier to cut and install than other cover board products
- Used as a cover board over EPS and mineral wool insulation
- Also used as a cover board over existing bitumen and single ply membranes
- Can be used as a backer board against up stands (smooth finish, better adhesion)
- Compatible with fully adhered and mechanically attached ARDEX TPO membranes
- Can be applied directly onto steel support (providing flute span is less than 70mm)
- Environmentally friendly, uses a HCFC free blowing agent that does not contribute to the depletion of the ozone layer.

APPLICATION

ARDEX HD Cover Board shall be neatly fitted to all roof penetrations, projections and nailers. No more cover board shall be installed than can be covered with membrane and completed before the end of each day's work or before the onset of inclement weather. ARDEX HD Cover Board can be applied over existing roof surfaces and under adhered or mechanically attached Single Ply, and Modified Bitumen systems applied in Multi-Purpose MB Cold Adhesive and SA Base with a Torch Applied Cap.

DO NOT use hot asphalt with ARDEX HD Cover Board.

ARDEX HD Cover Board must be installed using Fasteners and plates or ARDEX approved insulation adhesives. Contact ARDEX for insulation attachment requirements.

PACKAGING / STORAGE

Thickness 12.7mm
Width 1.22m
Length 2.25m
Weight 5kg per board
Packaging 48 boards per bundle
Storage Keep insulation dry at all times, elevate insulation above the deck or ground. Cover insulation with waterproof tarps. Combustible, refer to MSDS for more information. Do not install over wet, damp or uneven substrates. Do NOT mop, do NOT torch.

CHARACTERISTICS

Technical: Physical Property	ASTM Test	Typical Values
Compressive strength	D 1621	827 kPa
Density	D 1622	80 kg/m ³
Pull through resistance	D 473 modified	934 N
Foot traffic resistance	Rolling Load Emulator	>6000 passes
Dimensional stability	D 2126	<0.5%
Water absorption	C 209	<3%
Facer adhesion	D 1623	138 kPa
Resistance to mold	D 3273	Pass
1-90 Fastener density	FM Global	12 per 1.22m x 2.44m
Flute Span over metal decks		Pass
Post Industrial Recycled Content	Average	8.3%

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 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.

ARDEX Australia Pty Ltd

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