



PRIMAflex™

PRIMAflex™ EXTERIOR PANEL EXPLAINED

PRIMAflex™ is a non-structural, eco-friendly, lightweight, autoclaved, fibre cement panel. It manufactured from Portland cement, cellulose fibre, ground sand and water. PRIMAflex™ does not contain asbestos fibre or glass fibre. Hume Pine supplies PRIMAflex™ for use as an internal or external lining.

PRIMAflex™ is available in the following sizes & thicknesses:

Intended Use	Length	Width (mm)	Thickness (mm)
Eave and soffit lining, suspended ceilings or exterior ceilings	1800mm	1200mm	4.5mm
Eave and soffit lining, suspended ceilings or exterior ceilings	2400mm	450mm, 600mm, 750mm, 900mm, 1200mm	4.5mm
Eave and soffit lining, suspended ceilings or exterior ceilings, external cladding, Firewall component	1800mm	1200mm	6mm
Eave and soffit lining, suspended ceilings or exterior ceilings, external cladding, firewall component	2400mm	1200mm	6mm

PURPOSE

Hume Pine (NZ) Ltd supplies PRIMAflex™ for use as an external cladding, as soffit linings as internal partitioning, as flooring boards and as ceiling linings.

SCOPE OF USE AND LIMITATIONS

Hume Pine (NZ) Ltd supplies PRIMAflex™ for use within the following scope & limitations:

SCOPE:

Where use as internal partitioning, flooring boards or ceiling linings, PRIMAflex™ may be used without limitation including:

- In conjunction with a suspended ceiling design.
- In conjunction with a fire rated wall or ceiling design.

Provided that the structure to which it is attached:

- Complies with the NZ Building Code, or
- In the case of an existing building, has been established by the builder as suitable for the intended building work



SIGNED:

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PAUL MUGGLETON
SALES MANAGER

DATE: 12 June 2018

VERSION: V1.0

FURTHER INFORMATION

For further product assistance please contact:

www.humepine.nz

Phone: 0508 111 000

Where used as an external cladding the following applies:

LOCATION:

- In NZS3604:2011 wind zones up to and including extra high or 2.5kPa ULS.
- In all corrosion zones subject to fixings in accordance with section 4.0, NZS3604:2011

BUILDING:

- On new buildings that comply with the NZ Building Code, or
- Existing buildings where the designer and installer are satisfied that the existing building is suitable for the intended building work.

AND:

- On timber or light gauge steel-framed buildings,
- On buildings with a risk score of less than 20, calculated in accordance with E2/AS1, table 2,
- On vertical and horizontal surfaces
- In the case of the tops of balustrades and parapets, there must be a minimum 5° slope,
- With aluminium and wood window joinery that is installed with vertical jambs and horizontal heads and sills.
- On a deck structure that
 - complies with E2.3.1 via E2/AS1 (ie slope is 1.5°), or
 - where the slope is less than 1.5° the deck must be specifically engineered
- Where used as an internal, non-structural lining PRIMAflex™ nailed or screwed at 150mm perimeter centres and 300mm through the body of the board.

LIMITATIONS:

- All fixings must comply with E2/AS1 (table 20 and 21) and the appropriate exposure zones as defined in NZS3604:2011, Section 4.
- Installation must be in accordance with the PRIMAflex™ technical manual V1.0.

COMPLIANCE WITH THE NZ BUILDING CODE

If designed, installed and maintained in accordance with all Hume Pine (NZ) Ltd requirements, PRIMAflex™ will comply with or contribute to compliance with the following provisions of the NZBC:

NZBC Clause	Evidence of performance	Relevance to NZBC
B1 Structure B1.3.1, B1.3.2, B1.3.3 (a), (e), (i), (j) & (m)	Manufactured to MS1296	AS/NZS2908 is referenced in E2/AS1 for use as a cladding
B2 Durability B2.3.1 (b)	Tested to AS/NZS 2908.2 (clauses 8.2.2 – 8.2.5 & 6.5)	
F2 Hazardous Building Materials F2.3.1		
C3 Fire Affecting Areas Beyond the Fire Source C3.7 (a)	BS 476 part 6 (fire propagation) BS 476 part 7 (surface spread of flame)	Fibre cement board is noncombustible

OTHER CERTIFICATIONS

- ISO 9001: 2008 Quality System (Ref-AR0430-IQNet Certification)
- ISO 14001: 2004 Environmental System (Ref- ER0642-IQNet Certification)

USEFUL LINKS

For information on the design and specification of PRIMAflex™ panels, refer to:

- PRIMAflex™ technical manual V1.0
- Hume Pine (NZ) Ltd warranty