

IBS PRIMAflex™ EXTERNAL WALL CLADDING SYSTEM

PURPOSE

IBS supplies PRIMAflex fibre cement panel for use in the PRIMAflex External Wall Cladding system. Note: All other components of the system are supplied by others.

EXPLANATION

PRIMAflex External Wall Cladding System (the system) is a cavity-based external cladding system comprising a fibre cement monolithic sheet (PRIMAflex panel) installed over a cavity.

The panels are manufactured from cellulose pulp fibre, finely ground sand, Portland cement, and water.

Available panel sizes as follows:

- › Length (mm): 1800, 2400, 2700, and 3000
- › Width (mm): 900 and 1200
- › Thickness (mm): 6

SCOPE AND LIMITATIONS OF USE

Scope	Limitations
Location <ul style="list-style-type: none"> › In wind zones up to and including extra high, as defined in NZS 3604:2011 or a maximum differential ultimate limit state (ULS) of 2.5kPa. › In all corrosion zones as defined in NZS 3604:2011. 	
Building <ul style="list-style-type: none"> › On new buildings that comply with the New Zealand Building Code (NZBC) or existing buildings where the designer and installer are satisfied that the existing building is suitable for the intended building work. › 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, flat surfaces except for the tops of balustrades and parapets which must have a minimum 5° slope. › With aluminium window joinery that complies with AS 4211 or has a current CodeMark Certificate and that is installed with vertical jambs and horizontal heads and sills. 	<ul style="list-style-type: none"> › Proprietary suspended framing systems must be able to support the applied loads of the PRIMAflex. Always consult with the supplier/manufacturer for the recommended load that can be applied and the seismic requirements. › Panels should be paint coated within three months of installation.



For further assistance please contact:

- ☎ 0800 367 759
- ✉ info@ibs.co.nz
- 🌐 www.ibs.co.nz



USEFUL INFORMATION

For information on the design, installation and maintenance of PRIMAflex panels, refer to:

- › IBS PRIMAflex Design & Installation Guide
- › IBS PRIMAflex Care & Maintenance Guide.

For the warranty on PRIMAflex panels, refer to:

- › IBS PRIMAflex warranty.

OTHER CERTIFICATIONS AND APPROVALS HELD BY THE MANUFACTURER:

Hume Cemboard Industries has:

- › ISO 9001:2015 Quality System
- › ISO 14001:2015 Environmental System
- › Certifications retrieved <http://www.primafibrecement.com/certifications/>. [Accessed 27/03/2022].
- › SAI Global CodeMark. [27/03/2020]. CM20164. *Hume Cemboard PRIMAflex PRIMAp plank, PRIMAbase PRIMAlpha Weatherclad*. Retrieved https://www.building.govt.nz/building-code-compliance/product-assurance-and-multiproof/codemark/product-certificate-register/?keyword=CM20210&action_doSearch=Search&sort=relevant#results. [Accessed 27/03/2022].

PERFORMANCE CLAIMS

If designed, installed, and maintained in accordance with all IBS requirements, the PRIMaflex will comply with or contribute to compliance with the following performance claims.

NZ Building Code clauses	BASIS OF COMPLIANCE	
	Compliance statement	Demonstrated by
B1 Structure B1.3.1, B1.3.2, B1.3.3 (a, h, j), B1.3.4 (a, b, c, d,)		CodeMark Certificate issued by SAI Global. SAI Global is an accredited product certification body under section 263 of the Building Act 2004.
B2 Durability B2.3.1 (b)		
C3 Fire affecting areas beyond the fire source C3.7(a)		
E2 External Moisture E2.3.2, E2.3.5		
F2 Hazardous Building Materials F2.3.1		



SOURCES OF INFORMATION

- BRANZ Appraisal No. 635 [2019]. *Primaflex Cavity System*.
- SAI Global [20/06/2016]. *AS/NZS 2908.2:200. Cellulose-cement products - flat sheet*. Standardsmark Licence.
- CSIRO. 3 November 1999. Certificate of Test AS/NZS 1530.3:1999 *Simultaneous Determination of Ignitability, Flame Propagation, Heat Release & Smoke Release*.
- CSIRO. 25 October 2007. *Certificate of Test AS/NZS 1530.1 Combustibility Test for Materials*.
- SAI Global CodeMark. [27/03/2020]. CM20164. *Hume Cemboard PRIMaflex PRIMApLank, PRIMAbase PRIMAalpha Weatherclad*. Retrieved https://www.building.govt.nz/building-code-compliance/product-assurance-and-multiproof/codemark/product-certificate-register/?keyword=CM20210&action_doSearch=Search&sort=relevant#results. [Accessed 27/03/2022].

- Where a standard is referenced it is to be read as amended by the acceptable solution or verification method as applicable.
- Sources of information also include the Building Act 2004 and its regulations, including the Building Code (Schedule 1 of the Building Regulations 1992), Acceptable Solutions and Verification Methods, and relevant cited standards.
- The quality and assurance that the supplied products meet the performance claims stated in this pass™ are the responsibility of the company that is the holder of this pass™.
- Where E2/AS1 is referenced it is to be read as including E2/AS4.

IBS confirms that if IBS PRIMaflex external wall cladding system is used in accordance with the requirements of this pass™ the product will comply with the NZ Building Code and other performance claims set out in this pass™ and the company has met all of its obligations under s14 G of the Building Act.

Date of first issue: 01/11/2017
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Scan or click this QR code for a full download of Compliance Documentation for this pass™.

www.ibs.co.nz/product/primaflex/



Kevin Brunton

Kevin Brunton, Technical Director, TBB confirms that this pass has been prepared on behalf of IBS and in accordance with MBIE PTS guidelines and in accordance with the TBB pass™ process which is within the scope of TBB's ISO 9001 certification.

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