

BGC DURALUX PLUS™ AND DURALINER PLUS™

PURPOSE

Duraliner™ Plus and Duralux™ Plus are supplied for use as:

- an interior wall and ceiling lining, including in wet areas and as a substrate for ceramic tiles, and in locations requiring fire rating
- an external lining for soffits and eaves where there will be no direct impact from the weather.

EXPLANATION

Duraliner™ Plus and Duralux™ Plus are a general-purpose fibre cement building board, manufactured from Portland cement, finely ground silica, cellulose fibre and water. The board is cured in a high-pressure steam autoclave to create a durable, dimensionally stable product.

The boards can be used in a variety of applications:

- fire-rated walls
- acoustically-rated interior walls
- wet areas
- substrate for ceramic tiles.

Duraliner™ Plus

Duraliner™ Plus is manufactured with factory machined recesses on the two long sides and one end for flush jointing, making it particularly suited for wet area use. It comes in the following dimensions.

Thickness (mm)	Weight kg/m ² (at emc)	Width (mm)	Length mm			
			2400	2700	3000	3600
6	8.9	900	•			
		1200	•	•	•	•
9	13.2	1200	•	•	•	•
		1200				
12	17.9	1200			•	

Duralux™ Plus

Duralux™ Plus is manufactured with a square edge and in the following dimensions.

Thickness (mm)	Weight kg/m ² (at emc)	Width (mm)	Length mm			
			2400	2700	3000	3600
6	15.38	1200	•		•	•
9	19	1200	•	•	•	

For further assistance please contact:

☎ 0800 424 234

🌐 www.bgcinnovadesign.co.nz



SCOPE AND LIMITATIONS OF USE

Scope	Limitations
<p>Location (applies only where used externally)</p> <p>In wind zones, up to and including extra high, as defined in NZS 3604:2011 or to a designed wind pressure (ULS) of 2.5 kPa.</p> <p>In all exposure zones as defined in section 4, NZS 3604:2011.</p>	<ul style="list-style-type: none"> ➤ All fixings must comply with E2/AS1 (Table 20 and 21) and the appropriate exposure zones as defined in NZS 3604:2011, section 4. ➤ Where adverse microclimatic conditions apply, as set out in paragraph 4.2.4, contact BGC for technical advice.
<p>Building</p> <p>In conjunction with a primary structure that complies with the NZ Building Code or where the designer or installer have satisfied themselves that the existing structure is suitable for the intended building work.</p> <p>As an external lining.</p> <p>As an internal lining.</p>	<ul style="list-style-type: none"> ➤ The boards may only be used in areas protected from the weather. ➤ Where used in corrosive zones, fixings must be to Table 20, E2/AS1. ➤ Where subject to water splash, the board must be coated with a layer that is impervious to moisture.

USEFUL INFORMATION

For information on the design, installation and maintenance of Duraliner™ Plus and Duralux™ Plus and for our warranty refer to www.bgcinnovadesign.co.nz



PERFORMANCE CLAIMS

If designed, installed and maintained in accordance with all BGC Fibre Cement requirements, the Duraliner™ Plus and Duralux™ Plus will comply with or contribute to compliance with the following performance claims:

N.Z. Building Code clauses	BASIS OF COMPLIANCE	
	Compliance statement	Demonstrated by
B1 Structure B1.3.1, B1.3.2, B1.3.3 (a, j, q)	ALTERNATIVE SOLUTION	➤ Manufactured to AS/NZS 2908.2 [BGC, 06/2021a; 06/2021b; 02/2020].
B2 Durability B2.3.1 (c), B2.3.1 (b)	ALTERNATIVE SOLUTION	➤ Manufactured to AS/NZS 2908.2 [BGC, 06/2021a; 06/2021b; 02/2020].
C3 Fire affecting areas beyond the source C3.4(a)	ALTERNATIVE SOLUTION	➤ Tested to AS 1530.3 by CSIRO, report number FNE7524, achieves Group 1S [BGC, 06/2021a; 06/2021b]. ➤ Comparison with other products manufactured to AS 2908.2:200.
E2 External moisture E2.3.2	ALTERNATIVE SOLUTION	➤ Manufactured to AS/NZS 2908.2 [BGC, 06/2021a; 06/2021b; 02/2020].
F2 Hazardous building materials F2.3.1	ALTERNATIVE SOLUTION	➤ Intact fibre cement boards are inert when installed. ➤ Use in accordance with manufacturer’s safety information [BGC, 02/2020].

OTHER CERTIFICATIONS AND APPROVALS HELD BY BGC AUSTRALIA PTY LTD

➤ ISO 9001:2008, license agreement number QEC2955/13.

SOURCES OF INFORMATION

- BGC. [06/2021a] *Duraliner™ Plus Wet Area Lining board*. Retrieved from https://bgcinnovadesign.com.au/wp-content/uploads/2021/05/BGC1462_DURALINER_V2_A.pdf. [Accessed on 16/05/2023].
- BGC. [06/2021b] *Duralux™ Plus Ceiling & Soffit Lining*. Retrieved from https://bgcinnovadesign.com.au/wp-content/uploads/2021/05/BGC1462_DURALUX_V2_A.pdf. [Accessed on 16/05/2023].
- Innova. [02/2020] *Duraliner™ Plus Duraliner™ Plus Install and Maintain Guide*.

Scan or click this QR code for a full download of Compliance Documentation for this pass™.

www.bgcinnovadesign.co.nz/external-cladding-systems



1. Where a standard is referenced it is to be read as amended by the acceptable solution or verification method as applicable.
2. 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.
3. 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™.

BGC Fibre Cement confirms that if Duraliner™ Plus and Duralux™ Plus are used in accordance with the requirements of this pass™ the product will comply with the 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: 30/10/2019

Date of current issue: 21/12/2021

ABN: 62 005 736 005

Kevin Brunton

Kevin Brunton, Technical Director, TBB confirms that this pass has been prepared on behalf of BGC Fibre Cement 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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