



CLASS 1

Building Product Information Sheet

Product name:

GIB Aqualine plasterboard and GIB Toughline Aqua plasterboard.

Product line (the product line from which the product is customised):

Gypsum plasterboard interior wet area sheet linings

Product description and its intended use (measurements, materials, usage):

GIB Aqualine plasterboard is a wall and ceiling lining for the internal wet area environment. Applications include walls and ceilings in bath and shower rooms, and walls in laundries, toilets and kitchens. GIB Toughline Aqua can be used for the same applications, however the core formulation has been modified to provide increased impact resistance and durability. Full lining specs are available at www.gib.co.nz

10 mm GIB Aqualine plasterboard, 1.2 or 1.35m wide in various lengths from 2.4 to 4.8m
13 mm GIB Aqualine plasterboard, 1.2m wide in various lengths from 2.4 to 3.6m
13 mm GIB Toughline Aqua plasterboard, 1.2m wide in various lengths from 2.4 to 3.0m

Product identifier (if applicable):

Product type/thickness/production date printed on product. Unique board colour and end tapes.

Place of manufacture: Aotearoa New Zealand Overseas

Legal and trading name of the manufacturer(s):

Winstone Wallboards Limited

Legal and trading name of the importer (if applicable):

N/A

Address for service:

STREET NAME Felix Street SUBURB Penrose

CITY, COUNTRY Auckland POSTCODE 1642

Website: <http://www.gib.co.nz>

Email address: info@gib.co.nz

Phone No. (if applicable): 0800 100 442

NZBN (if applicable): N/A

Relevant Building Code clauses:

B1 Structure: Performance clauses B1.3.1, B1.3.2, B1.3.3 (a), (b), (c), (f), (h), (i), (j), (l) and B1.3.4 (a), (b), (d).

B2 Durability: Performance clauses B2.3.1(a) (i), (ii), and (iii), B2.3.1(b) (i), (ii), and B2.3.2.

C3 Fire affecting areas beyond the fire source: Performance clause unclear. GIB Fire Rated systems are designed to limit the spread of fire by providing passive fire-resistance to ensure life safety and adjacent property protection.

C6 Structural stability: Performance clause unclear. Winstone Wallboards have developed details for simple single-storey, light timber-framed structures that require design for structural stability as a consequence of fire.

E3 Internal Moisture: Performance clauses E3.3.4, E3.3.5 and E3.3.6

F2 Hazardous Building Materials: Performance clause F2.3.1.

G6 Airborne and impact sound: Performance Clause G6.3.1 and G6.3.2

Statement on how the building product is expected to contribute to compliance:

GIB Aqualine plasterboard and GIB Toughline Aqua plasterboard can be used in place of equivalent thickness of GIB Standard, GIB Fyreline and GIB Braceline/Noiseline within GIB FireRated, GIB EzyBrace and GIB Noise Control systems provided the the lining substitution conditions stated in the GIB Site Guide and relevant GIB performance systems literature are met. Contact the GIB® Helpline for suitability of GIB Aqualine plasterboard and GIB Toughline Aqua plasterboard in GIB Performance systems.

B1 Structure: Performance clauses B1.3.1, B1.3.2, B1.3.3 (a), (b), (c), (f), (h), (i), (j), (l) and B1.3.4 (a), (b), (d). GIB Ezybrace systems are subjected to the BRANZ P21 Wall Bracing Test and Evaluation Method, and contributes to providing bracing resistance to light timber and light steel framed buildings subjected to wind or seismic forces.

B2 Durability: Performance clauses B2.3.1(a) (i), (ii), and (iii), B2.3.1(b) (i), (ii), and B2.3.2. When installed and maintained in accordance to GIB® Wet Area systems literature, GIB Wet area systems tiled or vinyl covered have a serviceable life of at least 15 years. When used as a general wet area lining and maintained under normal dry internal conditions, GIB® Wet Area Systems have a serviceable life of at least 50 years in areas within toilets, kitchens, bathrooms and laundries not directly exposed to liquid water.

C3 Fire affecting areas beyond the fire source: Performance clause unclear. GIB Fire Rated systems have been tested or assessed for application in wall and floor/ceiling assemblies subjected to AS 1530.4 Part 4: Fire-resistance tests for elements of construction, and contributes to providing a fire resistance rating (FRR) when used in fire-rated assemblies published in GIB Fire Rated Systems technical literature.

C6 Structural stability: Performance clause unclear. GIB Fire Rated "one way FRR" and "two way FRR" systems form part of GIB details developed for simple single-storey, light timber-framed structures that require design for structural stability as a consequence of fire. Refer to the GIB Fire Rated systems manual for full construction details and conditions of use and comments on structural stability.

E3 Internal Moisture: Performance clauses E3.3.4, E3.3.5 and E3.3.6. The NZ Building Code does not call for water resistant linings in wet areas but it is desirable to specify lining materials which will maintain their integrity longer when exposed more frequently to moisture, and to one-off events such as leaks or flooding.

F2 Hazardous Building Materials: Performance clause F2.3.1. GIB Aqualine and GIB Toughline Aqua plasterboard does not present a health hazard. Dust resulting from sanding compounds may be a respiratory irritant, and the use of suitable respiratory protection is recommended. There are no specific requirements in order to comply with Acceptable Solution F2/AS1, First Edition Amendment 3, 2017.

- *options for compliance set out in section 19 of the Act (regulations, acceptable solution, verification method)*
- *standard or technical document that describes the performance of the building product or the relevant specifications to which the building product was manufactured*
- *physical properties of the building product*
- *how the building product is intended to be used.*

Limitations on the use of the building product:

It should be noted that GIB products do not satisfy code requirements on their own, but deliver code compliant performance when used as part of a GIB performance system and installed in accordance to the specific GIB System specification outlined in the relevant GIB technical literature.

Refer to GIB Wet area systems manual or relevant technical literature listed below for full conditions of use.

Design requirements that would support the use of the building product:

Specific applications, design and installation instructions, are outlined in the following technical literature.

GIB Site Guide, 2018

GIB EzyBrace Systems, 2016, and associated BRANZ Appraisal No.928 [2016]

GIB Noise Control Systems, 2017, and associated BRANZ Appraisal No.394 [2017]

GIB Fire Rated Systems, 2018, and associated BRANZ Appraisal No.298 [2018]

GIB Wet Area Systems, 2021, and associated BRANZ Appraisal No.427 [2021]

GIB Intertenancy Barrier Systems for Terraced Homes, 2022, and associated BRANZ Appraisal No. 940[2022]

GIB® Healthcare Design Guide

GIB Product and Systems Warranty

Installation requirements:

Building work must be undertaken by competent and experienced tradespersons familiar with installation of GIB Systems.

Otherwise installation details are contained in the technical literature as listed under the design requirements above.

Maintenance requirements:

Lack of maintenance is frequently the cause of premature and often expensive failure of components and building elements within wet areas. It is important to regularly inspect and repair any potential problem before it becomes expensive to reinstate. Good maintenance should include:

Ongoing ventilation, at the very least, good passive ventilation (e.g. window vents); but good active ventilation (e.g. extraction fans) of an appropriate size for the room is recommended

Impervious coatings and surfaces should be checked for wear and damage and maintained and re-coated before ingress of water to the substrate occurs

Regular cleaning with appropriate cleaners so that build-up of matter, such as mould, is well controlled

Sealants at junctions and penetrations should be checked for adhesion on a regular basis and replaced where adhesion failure to substrates occurs

Where pipe leaks have become evident, however small, they should be repaired promptly and any area around such leaks dried out completely before any other repairs are carried out

Is the building product/building product line subject to warning or ban under section 26?:

Yes No

If yes, description of the warning or ban under section 26:

N/A

Date:

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