



CLASS 1

# Building Product Information Sheet

**Product name:**

GIB Weatherline plasterboard

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

Gypsum plasterboard rigid air barrier

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

GIB Weatherline plasterboard functions as a rigid air barrier and as an effective secondary line of defence against water penetration into the building interior. GIB Weatherline can also be used in GIB structural bracing systems and GIB Fire Rated systems when installed in accordance to the GIB Weatherline Rigid Air Barrier Systems manual. GIB Weatherline Rigid Air Barrier Systems also provide temporary weather protection, for the exterior of a building for up to 180 days, prior to the installation of the exterior cladding, refer to GIB Weatherline literature for conditions. Full lining specs are available at [www.gib.co.nz](http://www.gib.co.nz)

10/13 mm GIB Weatherline plasterboard, 1.2 wide in various lengths from 2.45 to 3.0m

**Product identifier** (if applicable):

GIB Weatherline - Purple fleece with white backing. Black GIB Weatherline branding on lining face.

**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](mailto: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), (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.

E2 External Moisture: Performance clauses E2.3.2 to E2.3.6, E2.3.7 (a), (c)

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

F2 Hazardous Building Materials: Performance clause F2.3.1.

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

B1 Structure: Performance clauses B1.3.1, B1.3.2, B1.3.3 (a), (b), (c), (f), (h), (i), (l) and B1.3.4 (a), (b), (d). GIB Weatherline plasterboard has been tested in wall assemblies 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, when used in accordance with GIB EzyBrace systems as specified in the GIB Weatherline Rigid Air Barrier Systems manual.

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 the GIB® Weatherline Rigid Air Barrier Systems manual, GIB Weatherline Rigid Air Barrier Systems have a serviceable life of at least 50 years. When the expected service life of the cladding system is less than 50 years, but more than 15 years, the durability of GIB Weatherline® Rigid Air Barrier Systems depends on the cladding being maintained or replaced as appropriate to ensure its ongoing weather-tightness performance.

C3 Fire affecting areas beyond the fire source: Performance clause unclear. GIB Weatherline® has an A1 non-combustible classification in accordance with BS EN 13501-1:2018 and has been tested or assessed in various 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 specifications published in the GIB Weatherline Rigid Air Barrier Systems manual.

C6 Structural stability: Performance clause unclear. GIB Weatherline® "two way" FFR systems may be specified as 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.

E2 External Moisture: Performance clauses E2.3.2 to E2.3.6, E2.3.7 (a), (b), (c). GIB Weatherline® Rigid Air Barrier Systems meet the NZBC requirements for rigid underlays (rigid air barriers) as an Alternative Solution proprietary system as outlined in E2/AS1 section 9.1.4, 9.1.7.2 and the performance requirements of Table 23 'Properties of roof underlays and wall underlays'.

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. Refer to the GIB Wet Area systems manual for details.

F2 Hazardous Building Materials: Performance clause F2.3.1. GIB Weatherline 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 the GIB Weatherline Rigid Air Barrier Systems manual or relevant technical literature listed below for full conditions and scope 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 Weatherline Rigid Air Barrier Systems, 2021, and associated BRANZ Appraisal No.1048 [2019]

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

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 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:**

GIB Weatherline® Rigid Air Barrier Systems will not normally require maintenance. However, if damage occurs to the installed system prior to the installation of the exterior cladding system, this damage must be repaired.

If the exterior cladding system installed over GIB Weatherline® Rigid Air Barrier Systems is damaged, repairs or replacement should be carried out immediately to ensure the GIB Weatherline® Rigid Air Barrier System is completely protected from the elements.

Minor damage to the external surface of a sheet (where the face liner has been damaged and the core exposed) can be repaired with the application of suitably sized sections of 100mm or 60mm GIB Weatherline® Flashing Tape.

More extensive damage will require the replacement of the damaged section with a patch of GIB Weatherline® sheet cut to size and GIB Weatherline® Flashing Tape applied to all horizontal and vertical joints formed by the patch.

Damage to sheets in a bracing or fire system require a minimum of 300mm strip to be replaced and all edges formed over solid framing and sealed with GIB Weatherline® Flashing Tape

Refer to the GIB Weatherline® Rigid Air Barrier Systems for more info.

**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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