



CLASS 1

Building Product Information Sheet

Product name:

GIB HandiBrac® and BOWMAC screw bolt set

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

GIB HandiBrac panel hold down set

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

The GIB HandiBrac® has been designed and tested by Winstone Wallboards for use in GIB EzyBrace® elements that require hold-downs and is a substitute for bottom plate hold-down straps. The GIB HandiBrac® set also includes BOWMAC® blue head screw bolts (M10 x 140mm), and Tek screws to fasten the GIB HandiBrac® to the wall panel framing. The GIB HandiBrac® set is suitable for timber and concrete floors constructed in accordance with NZS 3604:2011.

Refer to the GIB Ezybrace systems manual for installation details for specific GIB systems. Refer to www.gib.co.nz for the BOWMAC® blue head screw bolt producer statement.

Product identifier (if applicable):

Details on packaging. GIB Handibracs have an H and B etched on the surface of the hold down bracket.

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), (l) and B1.3.4 (a), (b), (d).

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

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.

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), (j), and B1.3.4 (a), (b), (e). GIB HandiBracs have 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 framed buildings subjected to wind or seismic forces, when used in bracing elements specified in GIB Bracing Systems technical literature.

B2 Durability: Performance clauses B2.3.1(a) (i), (ii), and (iii), and B2.3.2. Based on material properties and history of use, GIB Handibracs has been assessed to have a durability of at least 50 years when used within GIB Ezybrace systems under normal conditions of dry internal use. These products must be installed in accordance with the relevant GIB specification outlined in the design section of the GIB Ezybrace systems document. Contact the GIB helpline if more information is required.

C6 Structural stability: C6.2 (a), (b), (c), (d) and C6.4. Winstone Wallboards have developed details for simple single-storey, light timber-framed structures that require design for structural stability as a consequence of fire which utilises GIB Handibracs and proprietary concrete anchors. Refer to the GIB Fire Rated systems manual for construction details, scope of use and comments on structural stability.

F2 Hazardous Building Materials: Performance clause F2.3.1. GIB Handibracs does not present a health hazard. 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:

GIB Handibracs are suitable for use in GIB EzyBrace® elements that require hold-downs and is a substitute for bottom plate hold-down straps. GIB Handibracs are suitable for timber and concrete floors constructed in accordance with NZS 3604:2011.

Refer to the GIB EzyBrace Systems manual for installation of GIB Handibracs and minimum characteristic uplift capacity required for proprietary hold down fastenings.

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

GIB Weatherline Rigid Air Barrier Systems, 2021, and associated BRANZ Appraisal No.1048 [2019]

Producer Statement PS1 – BOWMAC® Screw Bolt M10 x 140mm (www.gib.co.nz)

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:

There are no specific maintenance requirements when GIB Handibracs are located in a dry internal environment, installed in accordance with the design and installation requirements listed above.

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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