

**CLASS 1**

# Building Product Information Sheet

**Product name:**

GIB Weatherline screws

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

Fasteners and fixings

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

GIB Weatherline screws are ceramic coated metal screws for use in GIB Weatherline Rigid air barrier systems. GIB Weatherline screws have various thread and tip profiles for use in timber and steel framing. GIB Grabber Screws are available in the following types and sizes.

Timber Framing: GIB® Grabber® 41mm x 6g and 63mm x 8g Ceramic Coated High Thread Screws.

Steel Framing: GIB® Grabber® 32mm x 8g and 47mm x 8g Ceramic Coated Drill Point Screws.

**Product identifier** (if applicable):

GIB Weatherline screws - ceramic coated

**Place of manufacture:**  Aotearoa New Zealand  Overseas**Legal and trading name of the manufacturer(s):**

Grabber Construction Products, USA

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

Winstone Wallboards Limited

**Address for service:**

STREET NAME	Felix Street	SUBURB	Penrose
CITY, COUNTRY	Auckland	POSTCODE	

**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), 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)

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 Grabber Screws have been tested in wall assemblies subjected to the BRANZ P21 Wall Bracing Test and Evaluation Method. GIB Grabber Screws are essential components of GIB EzyBrace Systems and contribute to providing lateral load resistance to light timber and light steel framed buildings subjected to wind or seismic forces when used in assemblies published in the GIB Weatherline® Rigid Air Barrier Systems manual.

B2 Durability: Performance clauses B2.3.1(a) (i), (ii), and (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 screws have been tested in wall and floor/ceiling assemblies subjected to AS 1530.4 Part 4: Fire-resistance tests for elements of construction. GIB Weatherline screws contribute to the providing a fire resistance rating (FRR) to timber and steel framed building elements when used in fire rated assemblies as specified within the Weatherline® Rigid Air Barrier Systems manual.

C6 Structural stability: Performance clause unclear. GIB Weatherline® screws are a component of GIB Weatherline® "two way" FFR systems that 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'.

F2 Hazardous Building Materials: Performance clause F2.3.1. GIB Weatherline screws are safe to handle. GIB Grabber Screws come under the category of fasteners and fixings commonly used in the construction industry. 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 Weatherline Screws must be installed in accordance with the GIB Weatherline rigid air barrier systems and used within the scope of their specific GIB System specification.

**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 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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