

**CLASS 1**

# Building Product Information Sheet

**Product name:**GIBFix<sup>®</sup> Angle and GIB Rondo NZ18 Perimeter angle**Product line** *(the product line from which the product is customised):*

GIB Rondo Metal Angles

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

The GIBFix<sup>®</sup> Angle and GIB Rondo NZ18 Perimeter angles support plasterboard wall/ceiling junctions when used as part of GIB Rondo ceiling systems. The GIBFix<sup>®</sup> Angle is also a component of the GIBFix<sup>®</sup> Framing System which reduces the amount of timber studs required for fixing GIB plasterboard, offering better thermal efficiencies and minimises potential joint imperfections resulting from interior linings being fixed to multiple timber framing members.

GIBFix<sup>®</sup> Angles have knurled surfaces, are 45mm by 45mm and is available in 2.4m and 2.7m lengths.  
GIB Rondo NZ18 Perimeter angle is 32mm by 32mm and is available in 3.0m lengths.

**Product identifier** *(if applicable):*GIBFix<sup>®</sup> Angle and GIB Rondo NZ18 Perimeter angle**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.

F2 Hazardous Building Materials: Performance clause F2.3.1.

H1 – Energy efficiency. GIBFix® Framing Systems do not have published thermal performance ratings however reduces thermal bridging, better facilitates the installation of bulk insulation, and achieves a more continuous thermal envelope

**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). NZS 3604:2011 is a Compliance Document to NZBC Clause B1 and is silent on the placement of studs at wall intersections. The GIBFix® Framing System layout does not affect compliance with NZS3604:2011 however the structural benefit is that all GIB® plasterboard corners are reinforced by a GIBFix® Angle adding robustness and seismic resilience. Corners are less prone to cracking due to relative movement of timber framing members. The GIBFix® Angle or GIB Rondo NZ18 Perimeter angles can also be used where reinforcing of tiled internal corners within GIB Wet area systems is required.

B2 Durability: Performance clauses B2.3.1(a) (i), (ii), and (iii), B2.3.1(b) (i), (ii), and B2.3.2. Under normal conditions of dry internal use the GIBFix® Angle and GIB Rondo NZ18 Perimeter angle have a service life in excess of 50 years when installed in accordance with the relevant GIB technical literature. A 15 year durability requirement applies where linings are subject to direct water pressure, e.g. shower cubicle or shower over bath situations.

C3 Fire affecting areas beyond the fire source: Performance clause unclear. The GIBFix® Angle and GIB Rondo NZ18 Perimeter angles are specified in GIB FireRated systems to provide solid fixing at specific suspended ceiling to wall junctions and in protection of steel columns and beams. 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. Refer to the GIB FireRated systems manual for details.

F2 Hazardous Building Materials: Performance clause F2.3.1. The GIB® Rondo® components outlined in this document are safe to handle and use. There are no specific requirements in order to comply with Acceptable Solution F2/AS1, First Edition Amendment 3, 2017.

H1 – Energy efficiency. GIBFix® Framing Systems do not have published thermal performance ratings however reduces thermal bridging, better facilitates the installation of bulk insulation, and achieves a more continuous thermal envelope. Refer to the GIBFix® Framing Systems for more details and design considerations.

- 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.

Suspended ceiling layout and spans are subject to specific design. For further information please contact the GIB® Help line on 0800 100 442

**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® Rondo® Metal Batten Systems

GIBFix Angle Framing system

GIB Product and Systems Warranty

**Installation requirements:**

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

Refer to the literature stated above for full installation details.

**Maintenance requirements:**

There are no specific maintenance requirements for GIBFix® Angle and GIB Rondo NZ18 Perimeter angles when 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:

D | D | M | M | Y | Y