

**CLASS 1**

# Building Product Information Sheet

**Product name:**

GIB X-block plasterboard and GIB X-block jointing compound

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

X-ray radiation protection system for medical facilities

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

GIB X-Block® plasterboard and GIB X block jointing compound are specialist products that provide protection from X-ray radiation in medical facilities, dental clinics and veterinary practices. GIB X-Block plasterboard can also be substituted into specific GIB Fire Rated and GIB Noise control provided the substitution conditions within GIB X-Block Radiation shielding systems manual are met. For specific noise control and fire rating requirements, contact the GIB® Helpline.

13mm GIB X-Block is 1.2m wide and comes in lengths of 2.4m or 3.0m. 13mm GIB X-Block has a Max kg/m<sup>2</sup> of 18.3. GIB X-Block jointing compound is available in 25kg bags.

**Product identifier** (if applicable):

Product type/thickness/production date printed on product.

**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.

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.

G6 Airborne and impact sound: Performance Clause G6.3.1

Other test standards : IEC 61331-1:2014

Protective devices against diagnostic medical X-radiation, Part 1: Determination of attenuation properties of materials (Refer to the GIB X-Block Radiation shielding systems manual)

**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). The design and material specification for steel and timber framing used in GIB X-Block® systems must be in accordance with the performance requirements of NZBC B1 - Structure.

B2 Durability: Performance clauses B2.3.1(a) (i), (ii), and (ii), and B2.3.2. When installed and maintained in normal conditions of dry internal use GIB X-Block® systems have a serviceable life in excess of 50 years

C3 Fire affecting areas beyond the fire source: Performance clause unclear. GIB X Block plasterboard has been tested or assessed for application in wall 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 installed in accordance to the specific assembly as published in GIB Fire Rated Systems technical literature. For specific fire rating requirements and substitution conditions for GIB X Block into GIB FireRated systems, refer to the GIB X-Block Radiation shielding systems manual or phone the GIB® Helpline.

G6 Airborne and impact sound: Performance clause G6.3.1. GIB X Block can be substituted in certain GIB Noise control systems which provide sound transmission class (STC) ratings, given the lining substitution conditions for GIB X Block into GIB Noise Control systems are met. For specific noise control requirements, refer to the GIB X-Block Radiation shielding systems manual or phone the GIB® Helpline.

F2 Hazardous Building Materials: Performance clause F2.3.1. GIB X Block plasterboard and GIB X block jointing compound 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.

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

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

GIB X-Block Radiation Shielding Systems, 2021

GIB Product and Systems Warranty

**Installation requirements:**

Advice on X-ray protection for a particular installation must be sought from a Qualified Health Physicist (QHP) to ensure the requirements for occupational and public protection are met.

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 for GIB X-Block plasterboard and GIB X block jointing compound when 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:

D | D | M | M | Y | Y