

CLASS 1

## Building Product Information Sheet

Product name:

Compressed Flooring

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

Fibre Cement Flooring Substrate

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

High-density BGC Compressed Fibre Cement sheeting is a superlative substrate for interior floors in framed-construction wet areas. Fine for upper storeys and transportable buildings, it's equally suited for use in the cladding of exterior decks.

BGC Compressed Fibre Cement sheeting is manufactured from cement, finely-ground silica, cellulose fibres and water. After forming, we compress the sheeting to high density, then cure it in a high-pressure steam autoclave for an exceptionally durable, fit-for-purpose product.

Sizes:

Product identifier (if applicable):

C152412, c181812, C182412

Place of manufacture:  Aotearoa New Zealand  Overseas

Legal and trading name of the manufacturer(s):

TPI Polene Public Company Ltd, 77, 88/1-4, 99 Moo 7, T.Bankaeng, A.Chalermprakiat, Saraburi, 18000, Thailand

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

BGC Fibre Cement

Address for service:

STREET NAME 27 Accent Drive

SUBURB East Tamaki

CITY, COUNTRY Auckland

POSTCODE

Website:

bgcinnovadesign.co.nz

Email address:

mld@bgc.com.au

Phone No. (if applicable):

09 273 1457

NZBN (if applicable):

9429050631605

## Relevant Building Code clauses:

B1 STRUCTURE

B2 DURABILITY

E2 EXTERNAL MOISTURE

E3 INTERNAL MOISTURE

F2 HAZARDOUS BUILDING MATERIALS

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

Clause B1 STRUCTURE: Performance B1.3.1, B1.3.2, B1.3.3 and B1.3.4. The BGC Compressed Fibre Cement meets the requirements for loads arising from self-weight, earthquake, wind and impact [i.e. B1.3.3 (a), (f), (h) and (j)].

Clause B2 DURABILITY: Performance B2.3.1 (b), 15 years and B2.3.2. The BGC Compressed Fibre Cement meets these requirements.

Clause E2 EXTERNAL MOISTURE: Performance E2.3.2. The BGC Compressed Fibre Cement meet this requirement.

Clause E3 INTERNAL MOISTURE: Performance E3.2, 3.3.1, E3.3.2, E3.3.3. The BDC Compressed Fibre Cement when used in conjunction with an appropriate flooring system meets these requirements.

Clause F2 HAZARDOUS BUILDING MATERIALS: Performance F2.3.1. BGC Compressed Fibre Cement meets this requirement and will not present a health hazard to people

- 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:**

Details or applications that are outside of the Install manual guidelines

**Design requirements that would support the use of the building product:**

BGC Compressed Fibre Cement sheeting is a high density fibre cement sheet which is ideally suited as a structural substrate for interior floors in dry or wet areas of framed constructions; including upper stories and transportable buildings. BGC Compressed Fibre Cement is equally suited for use in the cladding of exterior decks.

BGC Compressed Fibre Cement sheeting can be used internally as structural flooring that can be fixed directly over floor joists. It can also be used where high impact applications or water resistant flooring is required.

The designer should determine the intended use of the floor in relation to AS/NZS 1170.1 Table 3.1 and within the scope of NZS3604.

BGC Compressed Fibre Cement sheeting can be fixed to either timber or lightweight steel floor framing.

All joist and trimmer face widths must be minimum 45mm wide

BGC recommend sheets to be laid with the long edge across the joists; sheet ends to be supported by joist

When sheets are laid with the long edge parallel to the joists; trimmers must be added so that all sheet edges and joints are supported

**Installation requirements:**

Installation of BGC Compressed Fibre Cement supplied by BGC Fibre Cement and the building contractor must always be carried out in accordance with the BGC Compressed Fibre Cement Technical Literature by, or under the supervision of a Licensed Building Practitioner (LBP) with the relevant Licence Class.

## Maintenance requirements:

Compressed Fibre Cement, when used in accordance with this literature, requires no direct maintenance. However, regular checks (at least annually) must be made of the tiling system to ensure it remains watertight. Any cracked or damaged tiles, tile grout, or sealants must be repaired immediately, grouted and sealed as for new work. Any grout or sealant that is missing, cracked or likely to allow leakage, must be raked out and restored to original condition

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:

Date:

01/12/23