

CLASS 1

## Building Product Information Sheet

Product name:

Stonesheet

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

Fibre Cement Panels

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

BGC Stonesheet™ is your #1 choice for stone wall substrate and for true masonry on timber or steel-framed buildings. A flat, square-edged sheet, Stonesheet™ comes as 9mm-thick panels.

Designed specially as a substrate for both residential interior and exterior applications, Stonesheet™ is an excellent alternative where other non-specifically designed substrates have been used.

Sizes:

9mm thick - 3000x1200

Product identifier (if applicable):

DSS93012

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:

Clause B1 STRUCTURE: Performance B1.3.1, B1.3.2, B1.3.3 (a), (f), (h) and (j) and B1.3.4.

Clause B2 DURABILITY: Performance B2.3.1 (b), B2.3.2.

Clause E2 EXTERNAL MOISTURE: E2.3.2.

Clause F2 HAZARDOUS BUILDING MATERIALS: F2.3.1.

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

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

Clause B2 DURABILITY: Performance B2.3.1 (b), not less than 15 years, B2.3.1 (c), 5 years and B2.3.2. The BGC Stonesheet meets these requirements.

Clause E2 EXTERNAL MOISTURE: Performance E2.3.2. The BGC Stonesheet meets this requirement.

Clause F2 HAZARDOUS BUILDING MATERIALS: Performance F2.3.1. The BGC Stonesheet 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 either the Install manual and guidelines

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

BGC Stonesheet and BGC Render Tape is a system made up of fibre cement sheet and butyl based jointing tape incorporating a non woven PE backing that allows stone adhesives to be applied over it.

The system enables cement based adhesives which are used with manufactured or natural stone slip veneers to be applied over a joint between the sheets of the BGC Stonesheet without the need for a traditional flushed filled jointing system.

This form of jointing is deemed to be an alternative solution as defined by the NZ Building Act 2004. The use of the BGC render tape provides a more reliable and time saving method for the weatherproofing of joints between sheets

## Installation requirements:

BGC Stonesheet™ can either be installed on a cavity or direct fixed. This is determined upon the calculated Risk Score as per the NZBC, Section 3 of E2/AS1.

The installation of BGC Stonesheet is the responsibility of the Licensed Building Practitioner (LBP). Acceptance of the BGC Stonesheet substrate must be checked by the Stone Supplier prior to installation of their product

## General Fixing:

- Sheets are to be fixed vertically with a 2-3mm gap between sheets.
- Sheets are to be fixed with screws and washers, as per the fixing guide, at 200mm centres (edges and centre). Sheets must be fixed with the smooth side on the external face (i.e. rough surface on the framing side).
- Screws must be 12mm from the edge and 50mm from the corner of the sheets.
- Or sheets fixed as per your stone suppliers installation details which is outside of this Appraisal/Technical Specification

Maintenance requirements:

BGC Stonesheet will not normally require maintenance. However, if damage occurs to the cladding or lining protecting the BGC Stonesheet the repairs or replacement must be carried out to ensure the integrity of the wall is maintained.

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