BUILDING PERFORMANCE

CLASS 1

Building Product Information Sheet

Product name:

Stratum Contour

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

Fibre Cement Weatherboards

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

Innova Stratum™ is among the best-selling products in the Innova range. Choose one profile as a standalone, or mix-'n'-match to create an eye-catching and original exterior cladding system.

Stratum™ Contour 170mm is a slimmer plank with a 2mm indentation at the top.

Sizes:
10mm thick - 4200x170

Product identifier *(if applicable)*:

PSC104217

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 Stratum™ Contour Cavity Cladding System 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 Stratum™ Contour Cavity Cladding System meets these requirements.

Clause E2 EXTERNAL MOISTURE: Performance E2.3.2. The BGC Stratum™ Contour Cavity Cladding System meets this requirement.

Clause F2 HAZARDOUS BUILDING MATERIALS: Performance F2.3.1. BGC Stratum™ Contour Cavity Cladding System 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 BRANZ Appraisal guidelines

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

The designer should determine the wind pressures for the project and design accordingly. Stratum™ can be situated in specific design wind pressures up to a maximum design differential ultimate limit state (ULS) of 2.5kPa.

The timber structure should be designed to NZS3604. Alternatively the building can be to a specific design using NZS3603 and AS/NZS1170, and the framing must be of at least equivalent stiffness to the framing provisions of NZS3604.

In areas where there is a probability of high wind loading, care should be taken in the design detailing, especially around all opening, corners and other junctions to ensure the weather resistance of the total system.

Before Stratum™ is installed, particular care should be taken to ensure that all flashings and waterproofing work is complete, including all wall underlay or BGC Durabarrier. If Stratum™ is installed onto an unlined wall i.e. gable end or garage walls then a rigid sheathing/air barrier must be installed – i.e. BGC Durabarrier.

For construction, within the scope of E2/AS1, it is a requirement to have a horizontal flashing joint at the floor joist level between storeys and for construction greater than two storeys or 7 metres, an inter-storey flashing bridging the drained cavity must be installed.

Installation requirements:

Installation of BGC Stratum™ Contour planks and accessories supplied by BGC Fibre Cement and the building contractor must always be carried out in accordance with the BGC Stratum™ Contour Cladding System Technical Literature and the BRANZ Appraisal by, or under the supervision of a Licensed Building Practitioner (LBP) with the relevant Licence Class.

Maintenance requirements:

11.1 Regular maintenance is essential to ensure the performance requirements of the NZBC are continually met and to ensure the maximum serviceability of the system.

11.2 Regular cleaning (at least annually) of the paint coating is recommended to remove grime, dirt and organic growth, to maximise the life and appearance of the coating. Grime may be removed by brushing with a soft brush, warm water and detergent.

11.3 Paint systems must be recoated at approximately 5-10 year intervals in accordance with the paint manufacturer's instructions.

11.4 Annual inspections must be made to ensure that all aspects of the cladding system, including the paint coating system, flashings and any sealed joints remain in a weatherproof condition. The planks must be checked to ensure the fixings are sound. Any damaged areas or areas showing signs of deterioration which would allow water ingress must be repaired immediately. Sealant and paint coatings must be repaired in accordance with the relevant manufacturer's instructions.

11.5 Minimum ground clearances as set out in the Appraisal and the Technical Literature must be maintained at all times during the life of the cladding. (Note: Failure to adhere to the minimum ground clearances given in the Appraisal and the Technical Literature will adversely affect the long term durability of the BGC Stratum™ Contour Cavity Cladding System.)

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