

Class 1

Building Product Information Sheet

About this template

This template has been developed to help Aotearoa/New Zealand-based manufacturers and importers provide the information required by the Building (Building Product Information Requirements) Regulations 2022.

Note that the Ministry of Business, Innovation and Employment is not responsible for the product information added into this template.

How to use

- › Download and save this form in your computer
- › Collate the required information about your product
- › Fill in the template and remove page 1 (this cover page)
- › Publish the filled in template on your website.

Background

New regulations have been made to provide building product users with a minimum level of easy-to-understand information about building products.

Visit the Building Performance website for more information.

The new regulations were developed to:

- › help designers, builders and consumers choose the right products for their needs, install them correctly and make informed decisions about using alternative products if required.
- › enable more efficient consenting by providing building consent authorities with the right information, so it is readily available to check that plans will meet the Building Code.
- › reduce the chance of building defects, less building rework, more efficient consenting, and safer and more durable buildings.

Types of building products

There are two classes of designated building product as defined in the regulations.

- › A class 1 product under the regulations are mass-produced or produced in batches to a general specification. For example, cladding products, mechanical fixings, insulation products, internal lining, roofing products, structural wood-based products, structural steel and reinforcing products, sanitary plumbing and drainage products, including tapware.
- › A class 2 product under the regulations is based on a line of products where each unit is customised to the specification of an individual client. For example, external window joinery and doors that have been customised.

Each class has slightly different disclosure information requirements, but the main distinction is when the information must be provided. The intent is that consumers have access to information about a building product before they purchase it.

Visit the Building Performance website for more information and for resources to help you comply with the regulations.

NOTE:

This is a **SUGGESTED** template and is **NOT MANDATORY** to use. **ALTERNATIVELY**, you may choose to publish your product information directly on your website or develop your own template, so long as the information required by the regulations is provided. It is recommended that where appropriate, you reuse existing information and data that you may already have about your building product.

Class 1

Building Product Information Sheet

Product name (include the brand name):

Sun Cloud Ceiling Blanket

Other product names (variant, sub-variant, functional name, etc. if applicable)

Product identifier (if applicable):

Sun Cloud R3.6 Wool/Polyester Ceiling Blanket

This could be a Global Trade Item Number (GTIN) or any other distinguishable part/model number or identifier

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

Sun Cloud Ceiling Blanket is an insulation product manufactured using recycled wool and polyester fibre that are thermally bonded. It provides thermal insulation in the ceilings of residential buildings. It is suitable for laying between and/or over the bottom chords of roof trusses, or over ceiling joists.

Key technical specifications:

- Thickness: 190 mm
- Density: 2.9 kg/m²
- Product R-value: 3.6 for a single layer
- Length: 7 m per roll
- Width: 1200 mm

Place of manufacture: Aotearoa New Zealand Overseas

Legal name of the manufacturer(s):

Sun Cloud Insulation Limited

Trading name of the manufacturer(s):

New Zealand Business Number (NZBN):

Other Legal Entity Identifier (if available):

Address for service:

STREET NAME 39C Crescent Street SUBURB Derrimut VIC

CITY, COUNTRY Australia POSTCODE 3026

Website:

Email address:

Phone no. (if applicable):

Legal name of the importer (if applicable):

Trading name of the importer (if applicable):

New Zealand Business Number (NZBN):

Other Legal Entity Identifier (if available):

Address for service:

STREET NAME 20 Cherry Street SUBURB Kaiwharawhara

CITY, COUNTRY Wellington POSTCODE

Website:

Email address:

Phone no. (if applicable):

Relevant Building Code clauses:

- B2 Durability: Performance clauses B2.3.1(a) (ii) and (iii) and B2.3.2
- E3 Internal Moisture: Performance clause E3.3.1
- F2 Hazardous Building Materials: Performance clause F2.3.1
- H1 Energy Efficiency: Performance clauses H1.3.1(a) and H1.3.2E

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

- **B2.3.1(a) (ii) and (iii) and B2.3.2:** Sun Cloud ceiling blanket has a durability of at least 50 years where the insulation is not crushed or exposed to moisture affecting its thermal performance. Refer to the design and installation requirements for further information.
- **E3.3.1, H1.3.1(a), and H1.3.2E:** Sun Cloud ceiling blanket has a product R-value of 3.6 determined in accordance with AS/NZS 4859.1: 2018. Refer to the test report provided by Lexis testing laboratory available online at: suncloudinsulation.co.nz/testreports.
- **F2.3.1:** Sun Cloud ceiling blanket is safe when handled. There are no requirements for this product 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:

- Installation of Sun Cloud ceiling blanket shall be carried out only after the building is weathertight. Sun Cloud ceiling blanket must remain dry while in-service and should not be used where there is a risk of moisture entry or condensation occurring.
- Sun Cloud ceiling blanket cannot be used close to flues or heat-generating fixed equipment that is not intended to be abutted or covered by insulation products. Check the instructions of suppliers of any downlights, flue systems, and other heat-generating equipment within the ceiling space before installation of Sun Cloud ceiling blanket. With reference to NZS 4246: 2016.
- Sun Cloud has not been assessed for use in locations where a Fire Resistance Rating (FRR) is required. Sun Cloud has not been assessed for use in locations where STC or ICC sound rating is required.

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

- Sun Cloud insulation blanket is intended for use in situations where a continuous insulation blanket can be fitted between or over structural members and other components within an enclosed roof space.
- Two layers of Sun Cloud ceiling blanket can be used to provide a higher level of thermal insulation to a ceiling (eg, one layer laid between truss bottom chords and a second layer laid over in the perpendicular direction).
- Clearance requirements for heating appliances and downlights must be met with reference to the manufacturer's installation instructions and NZS 4246: 2016.

Installation requirements *(also provide link to the product installation guide)*:

- Refer to the Sun Cloud ceiling blanket installation instructions available from suncloudinsulation.co.nz/installation.
- NZS 4246: 2016 provides further information on installation of insulation products. Sun Cloud Insulation must be released from the packaging and allowed to re-loft prior to installation. The time to loft will depend upon the length of time the product has been packaged and stored. Install when 190mm loft is reached.
- Ensure that Sun Cloud ceiling blanket is not exposed to moisture during installation.
- When installed between members such as the bottom chords of trusses, the blanket width must be trimmed to 5 mm greater than the width of the available space.
- End joins between sections of Sun Cloud ceiling blanket, and side joins to adjacent sections should be fit by assembling sections together without gaps.
- Ensure Sun Cloud ceiling blanket is installed before the expiry of its shelf life printed on the packaging. The product is sensitive to the length of time it is stored under compression packaging. Prolonged compression could reduce the thermal performance of the product if it does not recover its nominal thickness.
- Follow the instructions of suppliers of downlight, flue systems and other equipment that may generate heat. Ensure any required clearances between the Sun Cloud ceiling blanket and any downlights, flues and heat-generating equipment are achieved.

Maintenance requirements *(also provide link to the product maintenance guide)*:

- To avoid compression that could lead to loss of thickness, reduced thermal performance, and damage to the insulation, ensure that objects have not been placed on the Sun Cloud ceiling blanket.
- If the Sun Cloud ceiling blanket has become damp during service, it must be removed and replaced to avoid any reduction in its thermal performance.
- If Sun Cloud ceiling blanket becomes wet, this can result in moisture being transferred to and held against adjacent building materials. The ongoing presence of moisture can result in mould growth, which can affect health, damage the Sun Cloud ceiling blanket, and damage adjacent building materials.

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?:

Yes No

If yes, description of the warning or ban under section 26:

N/A

Version:

Date:

DD / MM / YYYY
15 / 01 / 2024