

MORGAN SUPERWOOL INSULATION BPIR DECLARATION



Version 1.0 December 2023

DESIGNATED BUILDING PRODUCT: Class 1

DECLARATION

Tasman Insulation Ltd T/A Comfortech® Building Performance Solutions (Comfortech®) has provided this declaration to satisfy the provisions of the [Building \(Building Product Information Requirements\) Regulations 2022](#).

COMPANY DETAILS

Name	Tasman Insulation Ltd T/A Comfortech® Building Performance Solutions
Role	Supplier
NZBN	9429037894139
Address	9-15 Holloway Place, Penrose, Auckland 1061
Website	www.comfortech.co.nz
Email	technicalsupport@comfortech.co.nz
Phone	0800 454 000

DESCRIPTION OF BUILDING PRODUCT

Comfortech® supplies two Morgan products,

- Morgan Superwool® Plus, and
- Morgan Superwool® Plus vacuum formed boards.

Morgan is a UK company established in 1856 but with a global manufacturing capacity.

Their range of Superwool® products demonstrate excellent insulating properties at high temperatures, making them suitable for use in industrial and high temperature environments such as furnaces, pipe insulation in high temperature processing plants.

For information on Superwool® products, refer to www.morganthermalceramics.com.

Comfortech® supply the following soft fibre ceilings.

Superwool® Plus

- Maximum continuous temperature 1050°C
- Manufactured using low shot technology, resulting in lower concentration of shot (glass that has not been spun into fibre), improved handleability and negligible 'dust'
- Does not contain binder or lubricant
- Low thermal conductivity and low heat storage
- Good thermal shock resistance - can withstand rapid and extreme fluctuations in temperature without damage or loss of functionality

Superwool® Plus Vacuum Formed Boards

- Maximum continuous temperature 1000°C
- Made from low [biopersistent](#) fibres and using [vacuum forming](#) technology
- Low thermal conductivity and low heat storage
- Good thermal shock resistance - can withstand rapid and extreme fluctuations in temperature without damage or loss of functionality to the boards
- If wet by steam, oil or water, physical and thermal properties are restored once dried
- Able to be cut and machined into different shapes

Morgan Advanced Materials was founded in the UK in 1856. They have a strong environmental and research focus.

COMFORTECH®

9-15 HOLLOWAY PLACE, PENROSE, AUCKLAND 1061

0800 454 000 | www.comfortech.co.nz

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CONTRIBUTION TO BUILDING WORK CODE OBLIGATIONS

Comfortech® relies on the assurance provided by Morgan as manufacturer of Superwool® products in making the following claims.

Superwool® Plus and Superwool® Plus vacuum formed boards comply with,

- B1 (Structure): B1.3.1, B1.3.2, B1.3.3 (a, j, q)
- B2 (Durability): B2.3.1 (b)
- F2 (Hazardous Building Materials): F2.3.1

When installed, Superwool® Plus and Superwool® Plus vacuum formed boards will contribute to compliance with (as applicable),

- E3 (Internal Moisture): E3.3.1
- G10 (piped services). G10.3.1 (d), G10.3.3.
- H1 (Energy Efficiency): H1.3.1 (a), H1.3.2E, H1.3.3 (a), H1.3.6

FOR FURTHER INFORMATION

Superwool® Plus and Superwool® Plus vacuum formed boards must be installed and maintained with all Comfortech® requirements.

For all design, installation, and maintenance related information, and for information supporting Comfortech® claims, refer to www.comfortech.co.nz.

RESPONSIBLE PERSON

In accordance with Regulation 8, as the responsible person, I confirm that the information supplied in this declaration is based on information supplied to the company as well as the company's processes and is, therefore, to the best of my knowledge, correct.

I can also confirm that Superwool® Plus and Superwool® Plus vacuum formed boards that are referred to in this declaration are not subject to a ban or warning under [s26 of the Building Act](#).

Signed for and on behalf Tasman Insulation Ltd T/A Comfortech® Building Performance Solutions:

Todd Lindsay

Todd Lindsay
BUILDING PERFORMANCE & TECHNICAL MANAGER

December 2023

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