

COMFORTECH® KOOLTHERM INSULATED PLASTERBOARD 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	Manufacturer
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® Kooltherm Insulated Plasterboard is an internal wall and ceiling lining comprising

- Gib® Standard plasterboard 10 mm,
- Kingspan Kooltherm K10 without the foil finish,
- tissue-based back-facing.

During manufacture, the components are bonded together with a Henkel water-based adhesive.

It may be used in conjunction with timber and lightweight steel framing as well as masonry and block substrates, and SIPS panels.

The insulated plasterboard is supplied with different thicknesses of Kooltherm K10 and in panels 2400 mm x 1200 mm.

The following declared R-values, at 15°C are as follows,

Insulated plasterboard thickness (incl. 10 mm plasterboard)	35 mm	40 mm	50 mm	60 mm	70 mm	80 mm	90 mm
Insulated plasterboard R-Value	1.15	1.35	1.5	2.35	2.8	3.25	3.7

Comfortech® Kooltherm Insulated Plasterboard has been tested by [BRANZ](#) and has a material group number IS. This means its use is not restricted by spread of fire (flashover) considerations.

CONTRIBUTION TO BUILDING WORK CODE OBLIGATIONS

Comfortech® relies on assurance supplied by Kingspan and Gib® and testing by BRANZ in making the following claims.

Comfortech® Kooltherm Insulated Plasterboard complies with,

- B1 (Structure). B1.3.1, B1.3.2, B1.3.3 (a, j, q),
- B2 (Durability). B2.3.1 (b),
- C3 (Fire affecting areas beyond the fire source). C3.4 (a).
- F2 (Hazardous Building Materials). B2.3.1(b).

When installed Comfortech® Kooltherm Insulated Plasterboard will contribute to compliance with (as applicable),

- E3 (internal moisture). E3.3.1.
- H1 (Energy efficiency). H1.3.1(a), H1.3.2E, H1.3.3 (a).

ADDITIONAL INFORMATION

Comfortech® Kooltherm Insulated Plasterboard must be installed and maintained with all Comfortech® requirements.

For 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 the Comfortech® Kooltherm Insulated Plasterboard is 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