

TENMAT FIRE STOPPING 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

The purpose of fire stopping products is to prevent the spread of fire; flames and smoke.

Comfortech® supply three fire stopping products from Tenmat,

- Tenmat VFB Plus - a ventilated fire barrier for cavities,
- Tenmat FF102/50 - a high expansion intumescent seal, and
- Tenmat FF102/25 - a high expansion intumescent seal.

All three products are [CCPI verified](#) establishing that all information provided is clear, accurate, up-to-date and unambiguous.

All three products have been fire tested and third party certified by [IFC Certification Ltd](#) to the IFC product certification scheme SD13: Penetration Seals. Which provides confirmation that the products have been manufactured in accordance with EN 1363-1. Fire Resistance Tests and tested to ASFP TGD 019. Fire resistance test for 'open-state' cavity barriers used in the external envelope or fabric of buildings.

Tenmat VFB Plus

Suitable for use in cavities of up to 450 mm. The barriers are manufactured from fire rated stone mineral wool with a high expansion intumescent seal fixed to the leading edge.

When installed, the barrier provides for a 44 mm air gap to allow for drainage and ventilation. In a fire the intumescent seal expands and closes this gap.

Provides a 30 – 60 min non-structural FRR (-/x/x).

See [here](#) for more information on use.

FF102/50 Horizontal Ventilated Cavity Barriers

Manufactured from a rigid intumescent material. It is supplied in strips which are wrapped in a protective layer of aluminium foil.

Suitable for use within cavities of up to 50 mm.

In the case of a fire, the strips will expand to close the external wall cavity providing an FRR of -/120/120 depending on the construction of the external wall.

See [here](#) for more information on use.

FF102/25 Horizontal Ventilated Cavity Barriers

Manufactured from a rigid intumescent material. It is supplied in strips which are wrapped in a protective layer of aluminium foil.

May be mechanically fixed horizontally within ventilated cavities behind rainscreens or cladding systems to act as a cavity barrier.

Suitable for use within cavities of up to 25 mm.

In the case of a fire, the strips will expand to close the external wall cavity providing an FRR of -/60/60 depending on the construction of the external wall.

See [here](#) for more information on use.

Tenmat, part of the Diamorph group, is a manufacturer of specialist composite and polymer materials, high temperature materials and passive protection solutions. Its headquarters are in Manchester, UK but it is a global company. Tenmat's design, development and manufacture of products is third party certified by BSI to ISO 9001:2015 Quality Management System.

CONTRIBUTION TO BUILDING WORK CODE OBLIGATIONS

Comfortech® relies on the assurance provided by Tenmat when making the following claims.

When installed, Tenmat VFB Plus, Tenmat FF102/50 and Tenmat FF102/25 will comply with,

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

contribute to compliance with,

- C2 – C6 (Protection From Fire), applicable performance criteria.

ADDITIONAL INFORMATION

Tenmat VFB Plus, Tenmat FF102/50 and Tenmat FF102/25 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 Tenmat VFB Plus, Tenmat FF102/50 and Tenmat FF102/25 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

COMFORTECH®

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