

Class 2 - Building Product Information

Product name

NZFD Fire Doors

Product line

Triboard-series fire doors

NZFD Triboard-series fire doors are available with fire ratings up to and including 60 minutes of integrity and 60 minutes of insulation.

This product is based on Triboard technology. It is available in a range of sizes with multiple options for leaf facings, frames and glazing configurations.

For a full range of options, please refer to:

<https://www.nzfiredoors.co.nz/doors/30-minute-fire-doors/>

<https://www.nzfiredoors.co.nz/doors/60-minute-fire-rated-doors/>

Product identifiers

Designation	Fire rating	Door function
I-30-H	30 minutes	Hinged
I-30-D	30 minutes	Pivoting
I-60-H	60 minutes	Hinged
I-60-D	60 minutes	Pivoting

Place of manufacture

NZFD factory in Auckland, New Zealand.

Legal and trading name of manufacturer: NZ Fire Doors Ltd
Address for service: 89 Gavin St, Mount Wellington, Auckland 1060
NZBN: 9429031718158

Website: <https://www.nzfiredoors.co.nz/>
Contact email: sales.nzfd@assaabloy.com

Class 2 - Building Product Information

Relevant Building Code clauses

B2 Durability: Performance clause B2.3.1(b)

C3 Fire affecting areas beyond the source: Performance clause C3.9

C4 Movement to a place of safety: Performance clauses C4.3 and C4.5

D1 Access Routes: Performance clause D1.3.1(c) and D1.3.4(f)

F2 Hazardous building materials: Performance clauses F2.3.1, F2.3.2 and F2.3.3

G6 Airborne and impact sound: Functional requirement G6.2

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

B2.3.1(b): The Triboard-series fire doors can be finished to provide a durability of at least 15 years in all interior applications, excepting applications where the product is subjected to direct exposure to moisture. Durability is dependent on product being installed and maintained in accordance with NZFD care and maintenance instructions.

C3.9: Triboard-series fire doors are a tested fire door system and can assist with controlling the spread of fire.

C4.3 and C4.5: Triboard-series fire doors can be used within an escape route where relevant considerations are specified in the project requirements. Doors should be specified in accordance with NZBC C/AS2 3.15.

The fire doors are tested in accordance with AS1530.4:2014 and comply with NZS4520:2010 as per the requirements of NZBC C/AS2 Appendix C C6.1.1. They comply with specifications given by NZBC C/AS2 4.16.

Doors fitted with smoke seals comply with the NZBC C/AS2 C6.1.2 definition of smoke control doors.

Compliance is dependent on product being installed and maintained in accordance with NZFD care and maintenance instructions and fitted with compliant hardware as advised by NZFD.

Compliant hardware list: <https://www.nzfiredoors.co.nz/doors/fire-rated-hardware/>

D1.3.1(c): Triboard-series fire doors can be used within an accessible route where design consideration is given to NZBC D1/AS1 7.0

D1.3.4(f): Triboard-series fire doors can be fitted with handles meeting the requirements of NZBC D1/AS1 7.0.5. Selection and supply of hardware is not the responsibility of NZFD

F2.3.1: Triboard -series fire doors do not give rise to any harmful concentrations of gas, liquid, radiation or solid particles during the construction of buildings.

Class 2 - Building Product Information

F2.3.2: Glazing in Triboard-series fire doors can be fitted with glazing manifestations for visibility. Supply and installation by others.

F2.3.3: When correctly specified, Triboard-series vision panels comply with NZS 4223.3:2016.

G6.2: Triboard-series fire doors can be fitted with acoustic seals to aid in the prevention of undue noise transmission.

Relevant standards

AS 1530.4:2014 “Methods for fire tests on building materials, components and structures. Part 4: Fire-resistance tests for elements of construction”

NZS 4520:2010 “Fire-resistant doorsets”

NZS 4223.3:2016 “Glazing in buildings Part 3: Human impact safety requirements”

Limitations on the use of the building product

C3.6 & C3.7: The Triboard-series fire doors are not suitable for exterior installation.

E2: The Triboard-series fire doors are not suitable for exterior installation.

Limitations on fire ratings, size and other product options are as per product datasheet.

Design requirements that would support the use of the building product

The Triboard-series fire doors are designed for interior use in residential and commercial buildings where a performance fire and/or smoke control door is required.

Installation instructions

<https://www.nzfiredoors.co.nz/doors/installation/>

Maintenance requirements

As per NZFD care and maintenance instructions:

<https://www.nzfiredoors.co.nz/doors/care-and-maintenance/>

Class 2 - Building Product Information

This building product line is not subject to a warning or ban under section 26.

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