

Class 2 - Building Product Information

Product name

Pacific Doors Fire Windows

Product line

Interior fire windows

Pacific Doors Interior fire windows are available with fire ratings up to and including 120 minutes of integrity and 60 minutes of insulation.

For a full range of options, please refer to <https://www.pacificdoors.co.nz/fire/fire-windows>

Product identifiers

| Designation | Fire rating | Door function |
|-------------|-------------|---------------|
| FW30-P | 30 minutes | Window |
| FW60-P | 60 minutes | Window |
| FW120 | 120 minutes | Window |

Place of manufacture

Pacific Doors factories in Auckland, Timaru and Lower Hutt, New Zealand.

Legal and trading name of manufacturer: Pacific Door Systems Ltd

Address for service: 17 Meachen St., Seaview, Lower Hutt 5045

NZBN: 9429038999413

Website: www.pacificdoors.co.nz

Contact email: sales.pacificdoors@assaabloy.com

Relevant Building Code clauses

B2 Durability: Performance clause B2.3.1(b)

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

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

Class 2 - Building Product Information

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

B2.3.1(b): The Pacific Doors Interior fire windows 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 Pacific Door Systems Ltd Operations and Maintenance manual.

C3.9: Pacific Doors Interior fire windows are a tested fire door system and can assist with controlling the spread of fire.

The fire windows are tested in accordance with AS1530.4:2014 and comply with NZS 4232.2:1988 as per the requirements of NZBC C/AS2 Appendix C C5.1.

Compliance is dependent on product being installed and maintained in accordance with Pacific Door Systems Ltd Operations and Maintenance manual.

F2.3.1: Pacific Doors Interior fire windows do not give rise to any harmful concentrations of gas, liquid, radiation or solid particles during the construction of buildings.

F2.3.2: Glazing in Pacific Doors Interior fire windows can be fitted with glazing manifestations for visibility. Supply and installation by others.

F2.3.3: When correctly specified, Pacific Doors Interior fire windows comply with NZS 4223.3:2016.

G6.2: Pacific Doors Interior fire windows are 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 4232.2:1988“Performance Criteria for fire resisting closures - Fire resisting glazing systems”

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

ISO 140-1:1997 “Acoustics – Measurement of sound insulation in buildings and of building elements”

Limitations on the use of the building product

Class 2 - Building Product Information

C3.6: Pacific Doors Interior fire windows are not suitable for exterior applications.

C3.7: Pacific Doors Interior fire windows are not suitable for exterior applications.

C4: Pacific Doors Interior fire windows should not subdivide an escape route.

D1: Pacific Doors Interior fire windows may be used within an accessible route but should not subdivide one. The windows have fixed glazing and should not be used as part of an escape route.

E2: Pacific Doors Interior fire windows are not suitable for exterior applications.

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 Pacific Doors Interior fire windows are designed for interior use in residential and commercial buildings where a performance fire window is required.

Installation instructions

<https://www.pacificdoors.co.nz/fire/installation-instructions>

Maintenance requirements

As per Pacific Door Systems Ltd Operations and Maintenance manual:

<https://www.pacificdoors.co.nz/sites/default/files/images/Operations%20and%20Maintenance%20Manual.pdf>

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

Version: 01

Date: 22/10/24