

Pacific PFW120 Fuego Steel Fire Window /120/120

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DESCRIPTION

The Pacific Forster Fuego -/120/120 is a fixed glazing, steel-framed fire-rated window. It provides 120 minutes of integrity and 120 minutes of insulation.

For further information on this product, visit:

<https://www.pacificdoors.co.nz/products/fire/fire-windows/frr-120-minute/pfw120>

PRODUCT FEATURES:

Product features:

- 120min fire rating
- Double glazed
- 2 glass options
- Suitable for both interior and exterior use
- Compatible with timber stud, steel stud, and masonry wall
- Comply with NZS 4232.2:1988 and meet NZBC C/AS2

PRODUCT OPTIONS

The thickness of the window frame is 110 mm with an approximate glazed weight of 126 kg/m2

This is a double-glazed window especially suited to exterior applications where increased thermal insulation is required.

Glazing Type	Maximum Glazed Area	Max Height (mm)	Max Width (mm)	Frame Type		Fire Rating
				Timber	Steel	
Pyrostop 52 (interior)	3.282m2	2370	2370		✓	-/120/120
Pyrostop 56 (exterior)	3.282m2	2370	2370		✓	-/120/120

Notes:

1. The sizes noted above are the clear view.

2. Glazing is Grade A safety glass.

Sizing Rules

The maximum allowed clear view is 3.282 m². Height or width can go up to 2370 mm, but will be limited by the overall clear view. Multiple panes may be joined by transoms/mullions. The total overall frame height is 3015 mm. There is no overall width limitation.

Wall Types

The Pacific Steel Fire Window -/120/120 is suitable for installation in timber or steel stud plasterboard walls and masonry fire-rated walls. Walls to be fire rated to minimum -/120/120 by others. The standard installation method for steel or timber stud walls is by 12g screws at max. 450 mm centres.

The standard for Masonry installation is M8 Excalibur screwbolts (or similar) at max. 450 mm centres. No fasteners are exposed to weather or attack face.

Finish

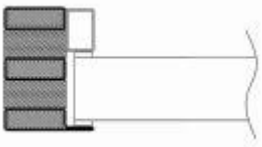
Standard preparation for interior use is powder coating.

Standard preparation for exterior use is sandblasting followed by zinc arc spray (15-year weatherability grade) to the frame. Unit can be delivered with a powder coat finish or primed, ready to paint.

Frame Types & Profiles

Steel Frame

The frame is made from 1.5 mm cold-formed steel box sections.



For more in-depth information on frame profiles and sizes, please see our Installation Instructions.

PERFORMANCE

Thermal Insulation

The glazing used in this window has a thermal insulation rating (R-value) of:

Pyrostop 52 INT: 0.384 Km²/W

Pyrostop 56 EXT: 0.384 Km²/W

Changes to the NZBC H1 "Energy efficiency" will come into effect gradually starting from November 2022, featuring more stringent requirements for the thermal insulation values of all exterior glazed windows and doors. As a result, some of our products may not be suitable for all climate zones or building types. Customers should take care to specify a suitable product for each specific project, and Pacific Doors takes no responsibility for incorrect products being selected. Thermal insulation R-values for all our exterior glazing products are listed on the Pacific Doors website.

Exterior Situations

There is currently no weathertightness testing performed on this window.