22/10/2026

Data Sheet

Pacific Single Glazed Steel Frame Acoustic Windows PFAW

Description

The Pacific Forster Fire Acoustic Windows (PFAW) is a suite of fire rated and acoustically tested windows that is available in single or multiple pane configurations. The PFAW is available for interior and exterior use.

The thickness of the window frame is 50 mm. Please refer to each individual datasheet for more information (links in table).

For further information on this product, visit:
https://www.pacificdoors.co.nz/products/acoustic/acoustic-windows/pfaw

Product options

The thickness of the window frame is 50 mm. Please refer to each individual datasheet for more information (links in table).

Product ID	Acoustic Rating	Fire Rating	Glazing Type	Max Height (mm)	Max Width (mm)	Environment	
						Internal	External
PSW60	36	-/60/-	Pyrobel 17N	2676	1376	√	√
PFW60	39	-/60/30	Pyrobel 17N	2676	1376	√	√
PFLW60	42	-/60/60	Pyrobel 25	2676	1376	√	√

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PFLW60	42	-/60/60	Pyrobel 25	1694	2176	√	√

Notes:

1. Sizes noted above are the clear view.
2. All glazing is Grade A safety glass

Sizing Rules
The maximum allowed clear view is 2676 mm High x 1376 mm Wide.

If using the window as acoustic only (no fire rating), then glazing sizes are only restricted by the available glass size.

Finish
Standard preparation for interior use is powder coating.

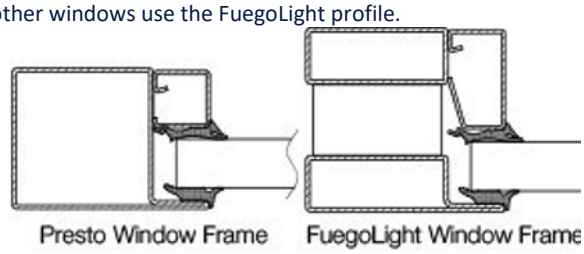
Standard preparation for exterior use is sandblasting followed by zinc arc spray (15 year weatherability grade) to frame.

Unit can be delivered with a powder coat finish or primed ready to paint.

Exterior Situations
The windows are tested to AS/NZS 4284:2008 – "Testing of building facades" and complies with requirements of NZS 4211:2008 – "Specification for performance of windows" up to and including the Extra High Wind Zone.

Frame types & profiles

Steel Frame
The frame is made from 1.5 mm cold formed steel box sections. STC/Rw 36 windows use the Presto profile, all other windows use the FuegoLight profile.



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

Wall Types
The Pacific Fire Acoustic Window is suitable for installation in timber stud, steel stud and masonry walls.

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.

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Technical Compliance Statement
The Pacific Fire Acoustic window complies with the requirements of NZS 4232.2 Fire-resisting glazing systems when installed in accordance with Pacific Doors' Installation Instructions into a complying fire-resistant wall.

NZS 4232.2 is referenced in the New Zealand Building Code Acceptable Solutions (Definitions)

Pacific Fire Acoustic Windows have been successfully fire-tested in accordance with AS1530.4 or BS476, as referenced in NZS 4232 and in Appendix C 5.1.1.

The Pacific Fire Acoustic Window will satisfy the requirements of NZBC, B2 "Durability" under conditions of use, installation and maintenance specified by Pacific Doors, or specific contractual guarantees, whichever are overriding.

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