

FIRE RATED GLAZING

Pyrostop -/60/60 and -/60/30 fire window

TECH SHEET: FW-04

Issue: 08-09-06

Fire rated window, -/60/60 and -/60/30, using Pilkington Pyrostop™ clear glass in an insulated steel frame

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DESCRIPTION

Insulated steel framed fire rated window providing one hour of integrity and insulation protection with perfectly clear Pilkington Pyrostop™ insulating glass, this system is a great solution for applications requiring certified fire resistance for both integrity and insulation and the added safety benefit of radiation protection.

APPLICATIONS

Fire escapes, smoke lobbies, computer rooms, car parks and factories, boundary walls, domestic houses or wherever there is a need for integrity and insulation protection, with the need to protect the building and occupants against the spread of fire due to radiant heat transmission.

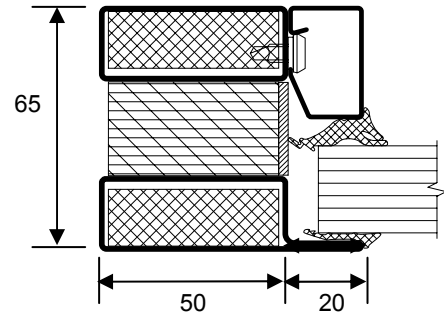
FEATURES

- Fully certified to Australian Standards AS1530.4
- -/60/60 FRL using 23mm Pilkington Pyrostop™ for internal applications, and 27mm for external applications
- -/60/30 FRL using 18mm Pilkington Pyrostop™ for both internal and external applications
- Reduces radiant heat transmission by 98%
- Internal and External applications
- Light transmission comparable to 5mm float glass
- Forster® Fuego Light triple insulated framing system
- Class A impact rated to AS2208
- For use in 1hr timber and steel stud walls, all fire rated masonry walls, gypsum block walls, aerated concrete blocks and wall panels. *Refer to Pyropanel if your wall type is not listed.*
- Single and multiple panes up to 2865 x 1465 visible (3005 x 1605 overall frame size)
- Multi panes up to 4m high, no limitations on span
- Arched windows
- Can be integrated into steel framed -/60/30 glass fire doors (*Refer metal glass fire door tech sheet FD-06 for more information*)
- Standard finish is Prime Painted, ready for undercoating and top coat

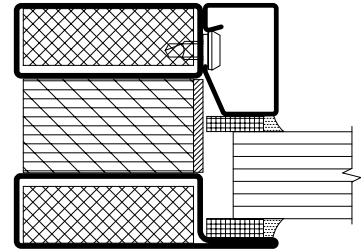
OPTIONAL EXTRAS

- Stainless Steel frames
- Powdercoating
- Tinted films

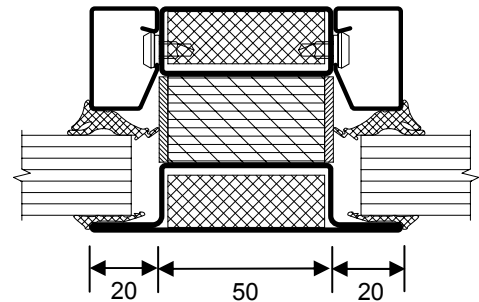
PROFILES



Standard profile with rubber beading (internal application)



Standard profile with silicone beading (internal or external application)



Standard mullion and transom profile

MODELS AVAILABLE

Model	FRL	Glass Thickness	Max Pane size (visible)
PFWS-PS60/60	-/60/60	23 or 27mm	2865 x 1465
PFWS-PS60/30	-/60/30	18mm	2400 x 1200

HOW TO SPECIFY

Eg. "Window to be fully test and certified Pyropanel Fire Window **PFWS-PS60/60**, -/60/60 FRL, incorporating Forster triple insulated steel frame and 23mm / 27mm* Pilkington Pyrostop™ clear intumescent glass, with rubber beading / silicone weather seal*. System available from Pyropanel Developments"

Continued...



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