

FIRE RATED GLAZING

Pyrodur™ -/60/- fire window

TECH SHEET: FW-03

Issue: 27-03-07

Fire rated window, -/60/-, using Pilkington Pyrodur™ clear insulating glass in a steel frame

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DESCRIPTION

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

APPLICATIONS

Car parks, factories and boundary walls, domestic houses or wherever there is a need for integrity only protection with a need to protect the building and occupants against the effect of radiant heat transmission.

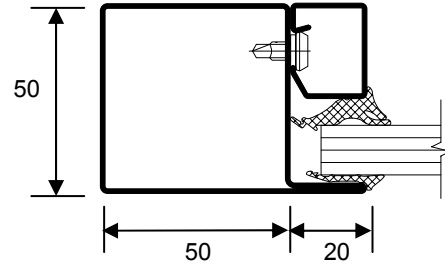
FEATURES

- Fully certified to Australian Standards AS1530.4
- -/60/- FRL
- Reduces radiant heat transmission by 90%
- Glass provides at least 10 minutes of insulation protection
- Internal and External applications
- Forster® Presto non insulated framing system
- 13mm Pilkington Pyrodur™ insulating clear glass (18mm Pilkington Pyrostop may be used on large panes)
- Non insulated Forster® steel 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 panes up to 2900 x 1400 per pane
- Multi panes up to 2900 x 1400 per pane
- Multi pane systems up to 4m high, no limitation on span
- Arched windows
- Tested to AS2047 for weather resistance
- Can be integrated into steel framed glass fire doors (Contact Pyropanel for more information)
- Standard finish is Prime Painted, ready for undercoating and top coat

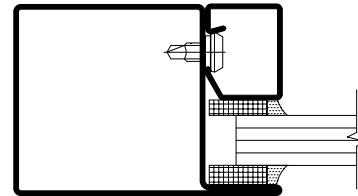
OPTIONAL EXTRAS

- Stainless Steel frames
- Powdercoating
- Tinted films

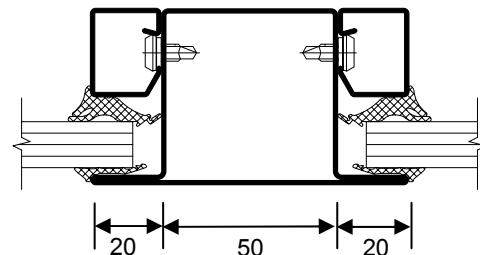
PROFILES



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 - Single or continuous
PFWS-PD60/-	-/60/-	13mm	2900 x 1400

HOW TO SPECIFY

Eg, "Window to be fully test and certified Pyropanel Fire Window PFWS-PD60/-, -/60/- FRL, incorporating Forster non-insulated steel frame and 13mm Pilkington Pyrodur™ clear intumescent glass, with rubber beading / silicone weather seal*. System available from Pyropanel Developments"

* denotes example - delete or change or specify as required



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