

Pyropanel Timber-Faced Side-Hung Fire Doorsets

DESCRIPTION

Timber fire door leaves utilising the latest Pyropanel fire resistant door core and design technology. These fire-rated doorsets are approved to AS1530.4:2014 in a variety of sizes and finishes up to 2 hour fire resistance level.

APPLICATIONS

Ideal for most applications that require a certified fire door set especially in residential complexes, hospitals, schools, public buildings etc.

FEATURES

- For use in fire rated plasterboard stud walls, fire rated masonry walls and concrete walls, Knauf IntRWall, Speedpanel walls, PROMATECT 50 and 100, CSR Hebel 75mm PowerPanel/Plasterboard wall systems.
- Available in Singles or Pairs
- 48mm and 38mm nom. thickness
- Approx weight:
 - 48mm nom. - 22 kg/m².
 - 38mm nom. - 19 kg/m².
- Variety of meeting stiles for pair configurations.
- Suitable for Pyropanel filled Steel Door Frames with approved filling materials or Pyropanel 1 hr Fire Rated Timber Door Frames.
- Facings - Ply, MDF or Hardboard (tempered and non-tempered).
- Recommended minimum number of hinges:
 - up to 2040 x 920 = 3 hinges
 - up to 2400 x 1020 = 4 hinges
 - up to 3000 x 1500 = 5 hinges
 - A minimum of 1 hinge per 25kgs

OPTIONAL EXTRAS

- Timber veneer, steel, aluminium, laminate, stone and glass facings.
- Vision panels - 300 x 200 or 600 x 100mm nom.
- For larger glazed areas, please refer to Tech sheet FD-05 (Half-Lite Timber glazed doorsets).
- Stainless steel kick-plates to selected height.
- See Tech sheet FD-07 for Panel over no transom fire doorsets.
- See Tech sheet FD-08 for Panel over with transom fire doorsets.
- See Tech sheet FD-04 for Double-Acting fire door leaves.
- Models up to 2 hours also available with certified smoke leakage data - Refer to *Pyropanel Life Safety Doors*.

MODELS AVAILABLE

Model	FRL	Thickness range (nominal)	Max Leaf * size - Single	Max Leaf * size - Pair
PFD030-38	-/30/30	36-38	2400 x 1100	N/A
PFD030-48	-/30/30	45-48	3000 x 1500	3000 x 1500/1500
PFD060-38	-/60/30	36-38	2400 x 1100	N/A
PFD060-48	-/60/60#	45-48	3000 x 1500	3000 x 1500/1500
PFD120-38	-/120/30	36-38	2350 x 1020	N/A
PFD120-48	-/120/60#	45-48	2700 x 1500	2700 x 1350/1350

* For standard plasterboard, masonry or concrete walls.
 # Maximum Insulation rating shown (60 minutes) with frame packed with approved mortar (i.e. Pyropanel M4 lightweight mortar). 30 minute Insulation rating for other approved packing (please refer to the relevant Frames and Building-In Details techsheets).

Notes:

1. Maximum size in 1hr timber frames: 2700 x 1020mm

Refer to your preferred Pyropanel licensed distributor to confirm:

1. Proposed door model is available in the specified wall.
2. Maximum door size for selected wall type.
3. Chosen door hardware is approved.
4. Optional extras are suitable for chosen door type.

HOW TO SPECIFY

"Eg. Door to be a Pyropanel PFD060-48* Fire Rated Door, 48mm nom. thick, -/60/30* FRL, Ply faced*, mounted in Pyropanel filled steel door frame*, with the following options: (eg, vision panels, kick panels, etc*).

* denotes example - delete, change or specify as required

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