

FIRE DOOR LEAVES

Timber faced fire door leaves
30min, 1hr, 90min, 2hr, 4hr

TECH SHEET: FD-01

Issue: 22-02-07

**Timber Fire Door Leaves, side hung,
with optional facings and thicknesses**

DESCRIPTION

Timber fire door leaves utilising the latest Pyropanel fire resistant door core and design technology, these doors are fully tested and certified to AS1530.4 and AS1905.1, and are available in a variety of sizes and finishes in 30 minute, 1 hour, 90 minute, 2 hour and 4 hour fire resistance levels.

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 1hr and 2hr timber and steel stud walls, all fire rated masonry walls, gypsum block walls, aerated concrete blocks and wall panels, Hardie 'Styrocon' panel walls, and Insulboard panel walls. Refer to Pyropanel if your wall type is not listed.
- Available in pairs or singles, and with panels over.
- 38mm and 48mm (nom) thickness - other thicknesses available on request.
- Approx weight
 - 48mm - 22kg/m².
 - 38mm - 19kg/m².
- 30 minute and 1 hour door leaves are of 'no metal' construction type, allowing for easy hanging and lock preparation (depending on leaf dimensions).
- Fully tested and certified up to -/240/30 FRL.
- Variety of meeting stiles for pair configurations.
- Suitable for Pyropanel Pressed Metal Door Frames with 25mm doorstop, or Pyropanel one hour Fire Rated Timber Door Frame with 20mm doorstop.
- Also suitable for modified non rated door frames - *contact Pyropanel for more information.*
- MDF facing up to one hour, Ply facing up to 4 hours.
- Edge Details:
 - 10mm timber concealed or exposed.
 - 1mm veneer for decorative doors.
 - Steel channels or flats.
 - Aluminium anodised.
- Recommended hinge configuration:
 - up to 2040 x 920 = 3 hinges.
 - up to 2400 x 1020 = 4 hinges.
 - up to 3000 x 1500 = 5 hinges.

OPTIONAL EXTRAS

- Veneer, steel, aluminium, PVC, laminate, and routed and/or applied beading facings.
- Vision panels up to 300 x 200 or 250 x 250mm - (Glass fire doorsets up to -/60/30 in pairs and singles available - Refer to *Glass Fire Doors & Fire Rated Glazing*).
- Kick panels of stainless steel to selected height.
- Smoke seals, viewing lens, electric strikes and locks, panic bars, magnetic hold open devices, etc, are all optional hardware items - Refer to Pyropanel hardware tech sheet for the latest edition of the approved hardware, or contact Pyropanel for any items that are not listed.
- Fire rated top and side-lites available.
- Pre-hung option available for all fire ratings.
- Panel over with or without transom (Refer transom panel Tech sheet for more information).
- Many other testing standards are approved - refer Pyropanel for more information.
- Also available as 2 hour rated double acting fire doorsets - Refer to *Pyropanel Double Acting fire door leaves*.
- Models up to 1 hour also available with certified smoke leakage data - Refer to *Pyropanel Life Safety Doors*.

MODELS AVAILABLE

Model	FRL	Thick-ness	Max Leaf size - Single	Max Leaf size - Pair
PFD030-38	-/30/30	38	2400 x 1100	N/A
PFD030-48	-/30/30	48	3000 x 1500*	3000 x 1500/1500
PFD060-38	-/60/30	38	2400 x 1100	N/A
PFD060-48	-/60/30	48	3000 x 1500*	3000 x 1500/500
PFD090-38	-/90/30	38	2400 x 1020	N/A
PFD090-48	-/90/30	48	3000 x 1500*	3000 x 1500/1500
PFD120-38	-/120/30	38	2400 x 1020	N/A
PFD120-48	-/120/30	48	3000 x 1500*	3000 x 1500/1500
PFD240-48	-/240/30	48	3000 x 1500	2400 x 1200/1200

* Note: Also available as 3600 x 1200

HOW TO SPECIFY

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

* denotes example - delete, change or specify as required.



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