

FIRE DOOR LEAVES

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

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, 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 Fire rated Plasterboard stud walls (Up to 2hrs), Fire rated masonry walls, Hebel masonry walls and Concrete walls (Up to 4hrs), Speedpanel walls (Up to 2hrs). Refer to Pyropanel if your wall type is not listed. Available in Singles or Pairs, and with panels over.
- 48mm and 38mm (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 -/240/60# FRL.
- Variety of meeting stiles for pair configurations.
- Suitable for Pyropanel Packed Steel Door Frames or Pyropanel 1hr Fire Rated Timber Door Frames.
- Also suitable for modified non rated door frames - *contact Pyropanel for more information.*
- Ply facing up to 4 hours, MDF facing or Hardboard (tempered and non-tempered) up to 2 hrs.
- Edge Details:
 - 10mm timber, concealed (up to 4 hr), or
 - Exposed timber (up to 1 hr).
- 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, stone and glass facings.
- Vision panels up to 300 x 200 or 600 x 100mm nom.
- For Glass Fire Doorsets up to -/60/30 in singles and pairs refer to Techsheets FD-05 and FD-06).
- Kick panels of stainless steel to selected height.
- Refer to your nearest Pyropanel distributor to check if your proposed hardware is approved on the proposed fire door.
- 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 to 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	Thickness	Max Leaf size - Single	Max Leaf size - Pair
PFD030-38	-/30/30	38	2420 x 1020 or 2200 x 1120	N/A
PFD030-48	-/30/30	48	3000 x 1500	3000 x 1500/1500
PFD060-38	-/60/30	38	2350 x 1020	N/A
PFD060-48	-/60/60#	48	3000 x 1500	3000 x 1500/1500
PFD120-38	-/120/30	38	2350 x 1020	N/A
PFD120-48	-/120/60#	48	3000 x 1500	3000 x 1350/1350
PFD240-48	-/240/60#	48	3000 x 1500	3000 x 1200/1200

Maximum Insulation rating shown with frame packed with Pyropanel light weight M4 Mortar. Other approved packing (e.g F/R Plasterboard and standard mortar have 30 minute Insulation rating)
Note: Maximum size varies for different wall types.

HOW TO SPECIFY

"Eg. Door to be a Pyropanel PFD060-48* Fire Rated Door, 48mm thick, -/60/30* FRL, Ply face*, mounted in Pyropanel packed steel door frame / Pyropanel 1hr Fire rated timber door frame*, with the following options: (eg, vision panels, kick panels, etc*),

* denotes example - delete, change or specify as required