

FIRE DOOR LEAVES

Steel fire door leaves

30min, 1hr, 90min, 2hr, 4hr

TECH SHEET: FD-02

Issue: 22-02-07

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

DESCRIPTION

Steel 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.

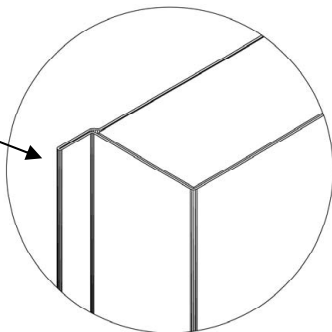
APPLICATIONS

Ideal for most applications that require a certified steel clad fire door set especially in hospitals, schools, public buildings, shopping centres, factories, warehouses, etc.

FEATURES

- Utilise the revolutionary 'LP' design door skin design on most models, which provides a smooth finish along both stiles of the door with an optional integrated security lip (refer LP design tech sheet for more information).
- 0.8mm (nominal) galvanised facings as standard (other thicknesses available).
- 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. 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.
- 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.
- Edge detail: flush finish 'LP' design or channel capped.
- Recommended hinge configuration:
 - up to 2040 x 920 = 3 hinges
 - up to 2400 x 1020 = 4 hinges
 - up to 3000 x 1500 = 5 hinges
 - continuous (piano) hinges available

Optional Integrated Security Lip on LP design door skin



OPTIONAL EXTRAS

- Stainless Steel facing.
- Channel and applied steel facing design available for larger sizes than listed below.
- Vision panels up to 300 x 200 or 250 x 250mm.
- 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 transom (Refer *Transom panel Tech sheet* for more information).
- Many other international testing standards are approved - refer Pyropanel for more information.
- Bullet and intruder resistance (Refer to *Pyropanel Special Purpose Doors*).
- Steel Acoustic doors are available (Refer to *Pyropanel Acoustic Doors*).

MODELS AVAILABLE

Model	FRL	Thick ness	Max Leaf size - Single	Max Leaf size - Pair
PFDS030-38	-/30/30	38	2400 x 1100	N/A
PFDS030-48	-/30/30	48	3000 x 1500	3000 x 1500/1500
PFDS060-38	-/60/30	38	2400 x 1100	N/A
PFDS060-48	-/60/30	48	3000 x 1500	3000 x 1500/500
PFDS090-38	-/90/30	38	2400 x 1020	N/A
PFDS090-48	-/90/30	48	3000 x 1500	3000 x 1500/1500
PFDS120-38	-/120/30	38	2400 x 1020	N/A
PFDS120-48	-/120/30	48	3000 x 1500	3000 x 1500/1500
PFDS240-48	-/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 PFDS060-48* Steel Fire Rated Door, 48mm thick, -/60/30 FRL, Zinc plated*, mounted in Pyropanel PMDF door frame*, with the following options: (eg, vision panels, kick panels, etc*),

* denotes example - delete or change or specify as required

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Protecting Life & Property

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