

# FIRE DOOR LEAVES

## Steel faced fire door leaves 30min, 1hr, 2hr, 4hr

### 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, 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

- 0.8mm nominal Galvanised facings as standard (other thicknesses available up to 1mm)
- For use in fire rated plasterboard stud walls (up to 2 hrs), fire rated masonry walls, Hebel masonry walls and concrete walls (up to 4 hrs), Speedpanel walls (up to 2 hrs), Askin Volcore mineral core walls (up to 2 hrs). Refer to Pyropanel if your wall type is not listed.
- Available in Singles or Pairs, and with panels over.
- 38mm and 48mm (nom) thickness.
- Fully tested and certified up to -/240/60# FRL.
- Variety of meeting stiles for pair configurations.
- Suitable for Pyropanel filled Steel Door Frames.
- 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

- Stainless Steel facing.
- Steel capping channels.
- Vision panels - 300 x 200 or 600 x 100mm nom.
- Contact your nearest Pyropanel licensed distributor to check if your proposed hardware is approved.
- Pre-hung option available for all fire ratings.
- Panel over with transom (Refer Transom panel Tech sheet FD08 for more information).
- Many other international testing standards are approved - refer Pyropanel for more information.
- Steel Acoustic doors are available (Refer to *Pyropanel Acoustic Doors*).

### MODELS AVAILABLE

Model	FRL	Thickness range (nominal)	Max Leaf size - Single	Max Leaf size - Pair
PFDS030-38	-/30/30	38-40	2350 x 1020	N/A
PFDS030-48	-/30/30	47-50	3000 x 1500	3000 x 1500/1500
PFDS060-38	-/60/30	38-40	2350 x 1020	N/A
PFDS060-48	-/60/60#	47-50	3000 x 1500	3000 x 1500/1500
PFDS120-38	-/120/30	38-40	2350 x 1020	N/A
PFDS120-48	-/120/60#	47-50	3000 x 1500	3000 x 1350/1350
PFDS240-48	-/240/60#	47-50	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 PFDS060-48\* Steel Fire Rated Door, 48mm nom. thick, -/60/30\* FRL, Galvanised steel faced\*, mounted in Pyropanel filled steel door frame\*, with the following options: (eg, vision panels, etc\*).

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