

# FIRE DOOR LEAVES

## Sliding fire doors 2hr and 4hr

TECH SHEET: FD-03

Issue: 01-11-05

**Sliding Fire Doorsets, with optional  
facings and thicknesses**

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### DESCRIPTION

Sliding Fire doorsets consisting of door leaf, and associated track and counterweights with steel facings, available in 2 hours and 4 hours of certified fire resistance.

### APPLICATIONS

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

### FEATURES

- Protection of openings in 2hr and 4hr walls.
- Facing - 1.0mm zincanneal sheet steel as standard, alternative of 4mm decorative fire retardant chemical treated plywood available.
- All doors have 1.2mm steel channel to protect edge of door leaves.
- Available in singles, two part, or bi-parting.
- Maximum size, 2hr rating (-/120/30):
  - 65mm thick, 3000 x 3600mm per leaf
  - 80mm thick, 5000 x 6000mm per leaf
- Maximum size, 4 hr rating (-/240/30):
  - 80mm thick, 5000 x 6000mm per leaf
- Low weight to rating ratio - approx weight:
  - 65mm timber faced - 45kg/m<sup>2</sup>
  - 65mm steel clad - 48kg/m<sup>2</sup>
  - 80mm steel clad - 55kg/m<sup>2</sup>
- Can be manufactured in sections and assembled on site for easier transport and handling.
- Strong inner metal frame construction ensures long service life.
- Excellent insulation and sound reducing properties.
- May be face of wall or cavity mounted.

### TRACK CONFIGURATIONS

- Henderson 301 for doors up to 450kg per leaf, approx 8m<sup>2</sup> (see Henderson 450 system, [www.hendersonrmd.com.au](http://www.hendersonrmd.com.au)).
- Henderson 305 for doors up to 700kg per leaf, approx 13m<sup>2</sup> (see Henderson 700 system).
- Henderson 307 for doors up to 2000kg per leaf, approx 36m<sup>2</sup> (see Henderson 2000 system).
- Centor AA4 track system for doors up to 300kg, approx 5.5m<sup>2</sup> ([www.centor.com.au](http://www.centor.com.au)).

### DETAILS

- Minimum head clearance above door opening is 280mm.
- All sliding fire doors must overlap top and both sides of opening by 75mm.
- Wall surfaces along the travel should be level with a maximum recommended tolerance of 5mm.
- Maximum clearance between door and floor should be 10mm.
- Ensure no wall obstructions along the distance of travel.
- Allow 250mm clear wall area for counter-weight case.

### STANDARD HARDWARE

- Track and brackets for wall mounting.
- 2 hangers per leaf
- Channel Section floor guide.
- Fusible link activated closing on wire rope and pulley system.
- Counterweight system allowing free-flow operation.
- Flush mounted door pulls.
- Galvanised steel wall mounted door binders to leading edge.
- Indicator arrow on both faces to indicate open direction.
- Standard specification excludes electromagnetic hold open device, smoke detectors, warning signs, battery back up and sirens, as typically required by BCA clause C3.6.
- *Purchaser should always confirm with agent to confirm specific hardware inclusions and exclusions.*

### OPTIONAL EXTRAS

- Stainless Steel, Timber or Aluminium cladding.
- Vision panels.
- Wicket (access) door up to 1830 x 750, located 300mm from bottom of slider (note: Wicket door is an access door only, and should not be used for emergency access).
- Acoustic performance calculations.
- Door may also be held open by magnetic hold-open units, which are wall mounted and have automatic release by smoke or heat detectors.
- Doors are also available with Pyropanel speed control units to comply with the BCA requirements clause C3.6.
- Fully insulated models with 120 minute insulation rating available on request.



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