

SYSTEM OVERVIEW

SLIDING DEFENDER FIRE DOOR

Description

Sliding fire doorsets consisting of door leaf, and associated track and counterweight closing system, with steel facings, available in 2 hours & 4 hours of certified fire resistance.

Applications

Ideal for most applications that require a certified fire door set especially in residential complexes, hospitals, schools, public buildings etc.

Features

- Tested to AS 1530.4
- Protection of openings in 2hr & 4hr Concrete/Masonry walls.
- Facing - 1.0mm zinc-coated sheet steel as standard.
- All doors have steel channels to protect edge of door leaves.
- Available in single leaf or bi-parting (2 leaves).
- Can be manufactured in sections and assembled on site for easier transport and handling.
- Excellent insulation and sound reducing properties.

HOW TO SPECIFY

Door to be a SLIDING DEFENDER Fire Door, -/120/30 FRL*, including track, fittings and counterweight closing system*. The entire system must be certified as having been tested/assessed to AS1530.4 and installed in accordance with AS1905.1. Installation must be carried out by an installer registered with and approved by the manufacturer. Australian Fire Control. Phone: [08] 9399 6957. Email: sales@australianfirecontrol.com.au

* Denotes example - delete, change or specify as required

FRL capabilities:

- Fire resistance levels
- 1 hour (NA/60/30),
 - 2 hours (NA/120/30)
 - 3 hours (NA/180/30)
 - 4 hours (NA/240/30)

Maximum Sizes Available

Single leaf, bi-parting and multiple leaf :
5.5 metres high and 8 metres wide – (over-all size)

Combination (multiple leaf bi-parting) :
4 metres high and 15 metres wide - (overall size)

Fire door certification

Each fire door will display a metal tag as described in AS 1905.1-2005. All relevant forms and certificates must be completed after each door leaf has been tagged by the contractor responsible for the supply and installation of the system(s).



Standard Hardware:

- Henderson 305 or 307 Track and brackets for wall mounting.
- Door hangers & floor guide.
- Closing system as described above, including: cables, pulleys & counterweight.
- Flush-mounted door pulls.
- Steel wall-mounted door binders.
- Indicator arrow on both faces to indicate opening direction.

Technical Details:

- All sliding fire doors must overlap top and both sides
- Maximum clearance between door and floor should be 10mm.
- Ensure no wall obstructions along the distance of travel.
- Ensure there is sufficient wall area around the opening for track & counterweight closing system.



