

**LIFE SAFETY DOOR**

**LSD-60-C/M/HS Fire, Smoke and Acoustic Door**

**DESCRIPTION**

60 minute Fire Rated Life Safety Door that has been tested for fire resistance to AS1530.4, and tested for smoke leakage to AS1530.7, incorporating a variety of high performance Cold / Medium smoke seals and intumescent Hot smoke seals.

**APPLICATIONS**

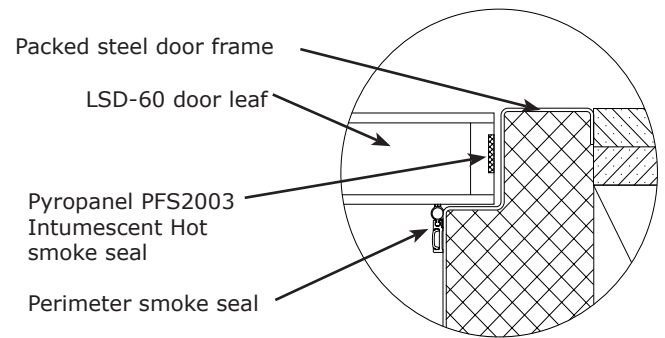
Ideal for Apartment entry doors or anywhere that requires 60 minutes of fire resistance, smoke resistance and acoustic resistance.

**FEATURES**

- **SMOKE RESISTANCE (SRL): COLD / MEDIUM / HOT**
- **FIRE RESISTANCE (FRL): -/60/30**
- Tested to AS1530.7 for Smoke Leakage.
- Tested to AS1530.4 for Fire Resistance.
- Some acoustically tested (packed steel or timber frame)
- Packed Euroseal steel Frames, or Fire Rated Plantation Timber Frames.
- 48mm and 38mm nom. thick, Single and Pair assemblies
- Environmentally friendly non-timber core
- Lighter than conventional 'solid-core' doors (leaf weight approximately 22kg/m<sup>2</sup> for 48mm thick door)
- Maximum size
  - Singles - 2400 x 1020mm (48mm)
  - 2040 x 820mm (38mm)
  - Pairs - 2400 x 1020mm per leaf (48mm)
- Meets the deemed to satisfy provisions for Smoke Doors found in Specification C3.4 Clause 3.2(b) of the NCC
- All pair assemblies are smoke tested with Pyropanel J-Section meeting Stiles with integrated Cold / Medium smoke seals.

**OPTIONAL EXTRAS**

- MDF, Ply or Laminate facings
- Solid hardwood frames
- Vision panels - 300 x 200 or 600 x 100mm nom.
- Kick Panels of 1mm Stainless Steel to selected height
- Euroseal frame profile (see LSD-60-C/M/HS/EU)
- Pre-hung assembly available
- -/-/- and -/30/30 models available (see LSD-0-C/M/HS and LSD-30-C/M/HS)



**HOW TO SPECIFY**

"Door to be a Pyropanel Life Safety Door LSD-60-C/M/HS with Packed steel /Fire Rated Timber\* door frames, 48mm\* thick, -/60/30 FRL, MDF/Ply face\*, with RP78Si, PFS2003 and RP99Si\* smoke seals, and the following options: (eg, vision panels, kick panels, etc),"

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

**MORE INFORMATION**

For more information on the range of Pyropanel Life Safety Doors, please refer to the Life Safety Door System Guide available for download at [www.pyropanel.com.au](http://www.pyropanel.com.au).

**SEAL COMBINATIONS**

Frame Details	Nominal Leaf Thickness (mm)	Cold /Medium perimeter Smoke Seal	Hot smoke seal	Bottom Seal	Smoke Leakage (@10Pa) (2040x820 single)	Smoke Certificate (820 single)	Rw 48mm/ 38mm
Packed steel or Fire Rated timber	48 or 38	RP78Si#	PFS2003#	RP99Si# (SM)	<2m <sup>3</sup> /h	SFC40973	28 / -
Fire Rated plantation timber	48 or 38	RP10Si	RP76Si	RP8Si (FM)	<2m <sup>3</sup> /h	SFC40961	- / -
Packed steel or Fire Rated timber	48 or 38	RP24Si	PFS2003	RP38Si (SM)	<2m <sup>3</sup> /h	SFC40974	30 / -

Note: # indicates default seal combination (supplied unless other seals specified)  
 Bottom Seal Orientation: SM- Semi Morticed, FM- Fully Morticed, S- Surface Mounted

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