

Specification Name:

Infernoguard Smoke Fire Rated Lift Shaft Door

Fire Resistance Rating (FRR): -/-/-sm

Description:

Infernoguard Smoke Lift Shaft Door is a single prefinished fire doorset.

Leaf Sizes & Wall Types:

Wall Type	Specification Code	Max Height	Max Width	Jamb Type	Minimum Wall Spec
Timber Stud	IFSMLDT	2200	960	Steel	Timber Stud Ex 100x50 with 13mm fire rated plasterboard to each side of wall to manufacturer's installation instructions

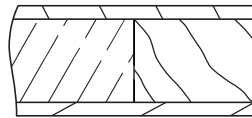
Leaf Specifications:

- Leaf Weight: 40kg m²
- Leaf Thickness: 49mm

Leaf Facings Options:

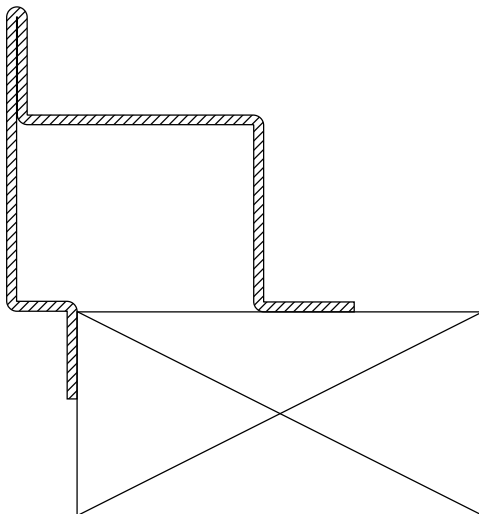
- Prefinished MDF

Leaf Edge Options:



E2 - Internal Timber Rail

Jamb/Door Frame Options:



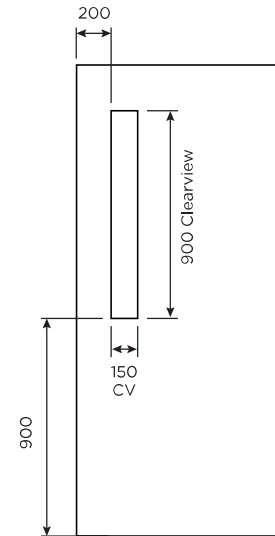
S4 - Powdercoated

Vision Panels/Glazing Options:

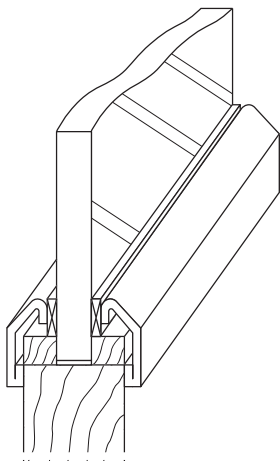
Glazed vision panels using the following glass types are permitted. Sizing rules are set out in table below.

	Max Height	Max Width	Max Area
17mm Internoguard Fire Glass	1000mm	150mm	0.15m ²

- Single Vision Panel – Max Height, Width & area to apply



Glazing Bead Options:



B5 - Steel Beading -
Powdercoated

Grille Size Options:

Not Available

Dropseal Options:

Not Available

Approved Hardware:

- Closer – Dormakaba ED100/250 Door Operator with Slide Arm (Wall Mounted to Fire Side)
- Handle – Dormakaba MS Series Mortice with key snib on Non-Fire Side
- Electric Strike – FSH/FES10 Electric Strike in Jamb

Building Code/Technical Statement:

Infernoguard Smoke products have undergone successful testing by IANZ Testing Laboratory in accordance with AS1530.4 - 2005/2014, as referenced in NZS 4520:2010 and in Building Code Acceptable Solutions C/AS2 Appendix C5.1.1a & C6.1.1.

Infernoguard door sets when installed in line with Soteria Doors installation instructions into a compliant fire-resistant wall, and when fitted with Soteria Doors approved hardware will comply with NZS 4520:2010.

The Infernoguard range will, if employed in accordance with Soteria Doors installation and maintenance requirements, assist with meeting the following provisions of the building code:

- NZBC C/AS2
- AS 1530.4
- NZS 4232.2
- NZS 4520
- NZS 4223.3:2016

Environmental - Doors include:

- E0 MDF which is FSC certified
- FSC certified timber rails
- Non-Toxic PVA Bonding Agent

Supporting Documentation:

- 5 Year Warranty Materials & Workmanship Warranty
- Installation Instructions