



SOTERIA
DOORS
Innovative Openings

Infernoguard
Fire Rated
Lift Shaft
Door
Specification
Guide

soteriadoors.co.nz

Advantages:

- Fire rated Lift Shaft Door tested to AS1530.4:2014 & NZS4520:2010 and complies with NZS4334-2012 & AS1735.11
- Pre-Finished Fire Rated Lift Shaft Door
 - Reduced install time on site
 - No wet trades/finishing needed onsite
 - Frame Powder coated
 - Door Panel Prefinished
 - Hardware Supplied & Fitted
- No pinch points

About Soteria Fire Rated Lift Shaft Doors

Soteria's Fire Rated Lift Shaft Doors are a heavy-duty fire rated lift shaft door, prehung in a powder coated steel frame.

Table of Contents

1. How to specify Soteria Fire Rated Lift Shaft Doors.....	2
2. Masterspec Door Schedule Wording.....	2
3. Specification Sheets	
Infernoguard 60 Minute Fire Rated Lift Shaft Door.....	3
Infernoguard 30 Minute Fire Rated Lift Shaft Door.....	6
Infernoguard Smoke Fire Rated Lift Shaft Door.....	9
4. Installation Instructions.....	12
5. Drawings.....	14

More Information

For further information visit <https://soteriadoors.co.nz/downloads/> to find the following:

- CAD Files (PDF)
- Installation Documents
- Masterspec Links

How to specify Soteria Fire Rated Lift Shaft Doors

- As per Masterspec 5241SF Soteria Fire Doors

Masterspec Specification Wording

Location:	[Door Number]
Brand:	Infernoguard 60 Minute Fire Rated Lift Shaft Door
Code:	IF60LDT
FRR:	-/60/-sm
Leaf Size:	2200mm high x 960mm wide
Door Finish:	Painted with [Paint Colour Code]
Frame Type	Soteria S4 Steel Frame
Frame Finish:	Powdercoated with [Dulux/Interpon] powdercoat in [colour]
Hinges	100 x 60 Fastfix Hinge
Door Handle	Dormakaba MS Series Mortice with key snib on Non Fire Side
Door Closer	Dormakaba ED100/250 Door Operator Non Lift with Slide Arm (Wall Mounted to Side)
Electric Strike	FSH/FES10 Electric strike in jambs
Vision Panel Glass	Infernoguard 17mm Fire Glass
Vision Panel Beading	Soteria Steel Beading
Vision Panel Beading Finish	Powdercoated with [Dulux/Interpon] powdercoat in [colour]

Specification Name:

Infernoguard 60 Minute Fire Rated Lift Shaft Door

Fire Resistance Rating (FRR): -/60/-sm

Description:

Infernoguard 60 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	IF60LDT	2200	960	Steel	Timber Stud Ex 100x50 with 13mm fire rated plasterboard to each side of wall to manufacturer's installation instructions

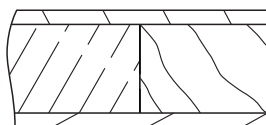
Leaf Specifications:

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

Leaf Facings Options:

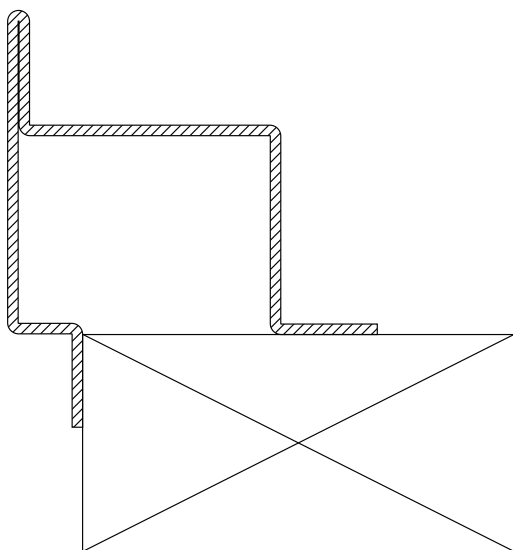
- Prefinished MDF

Leaf Edge Options:



E2 - Internal Timber Rail

Jamb/Door Frame Options:



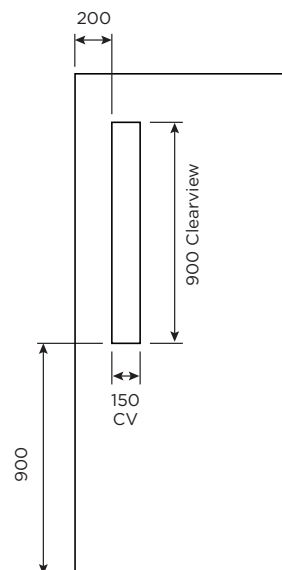
S4 - Powdercoated

Vision Panels/Glazing Options:

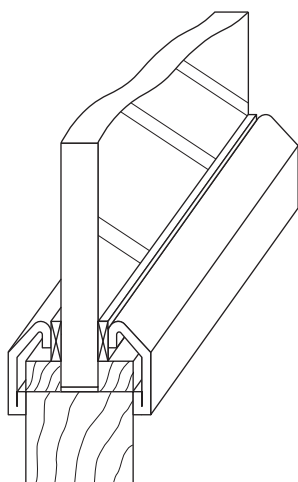
Glazed vision panels using the following glass types are permitted. Sizing rules are set out in table below.

	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 60 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 4223.3:2016
- NZS 4232.2
- NZS 4520

Environmental - Doors include:

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

Supporting Documentation:

- 5 Year Warranty Materials & Workmanship Warranty
- Installation Instructions

Specification Name:

Infernoguard 30 Minute Fire Rated Lift Shaft Door

Fire Resistance Rating (FRR): -/30/-sm

Description:

Infernoguard 30 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	IF30LDT	2200	960	Steel	Timber Stud Ex 100x50 with 13mm fire rated plasterboard to each side of wall to manufacturer's installation instructions

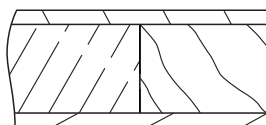
Leaf Specifications:

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

Leaf Facings Options:

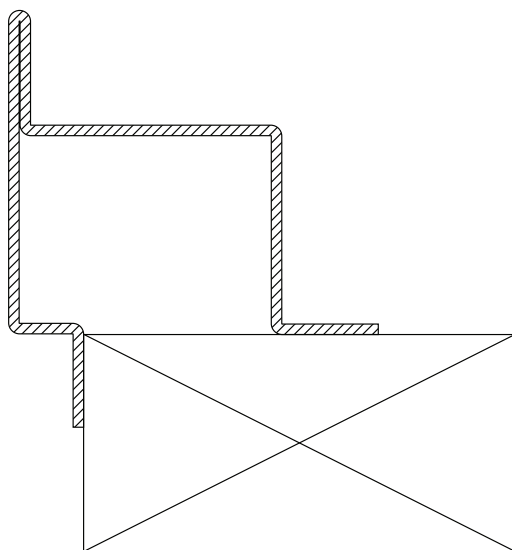
- Prefinished MDF

Leaf Edge Options:



E2 - Internal Timber Rail

Jamb/Door Frame Options:



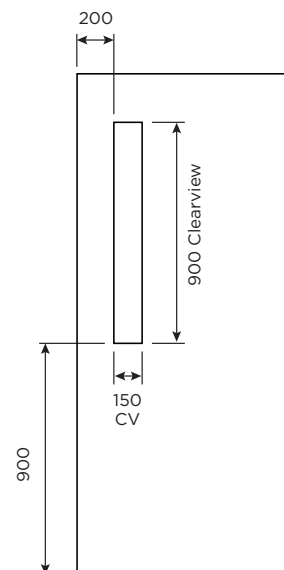
S4 - Powdercoated

Vision Panels/Glazing Options:

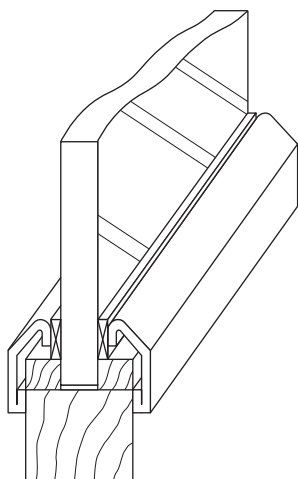
Glazed vision panels using the following glass types are permitted. Sizing rules are set out in table below.

	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 Jambs

Building Code/Technical Statement:

Infernoguard 60 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 4223.3:2016
- NZS 4232.2
- NZS 4520

Environmental - Doors include:

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

Supporting Documentation:

- 5 Year Warranty Materials & Workmanship Warranty
- Installation Instructions

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

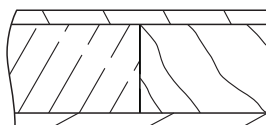
Leaf Specifications:

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

Leaf Facings Options:

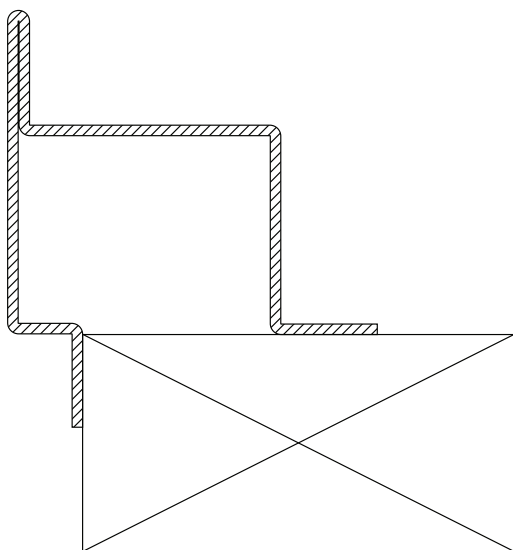
- Prefinished MDF

Leaf Edge Options:



E2 - Internal Timber Rail

Jamb/Door Frame Options:



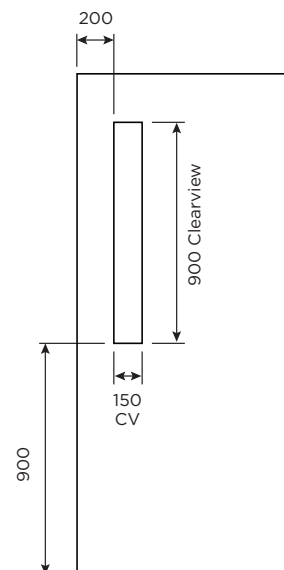
S4 - Powdercoated

Vision Panels/Glazing Options:

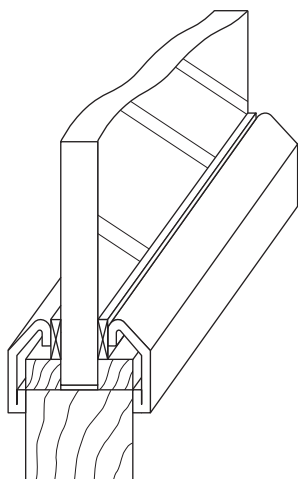
Glazed vision panels using the following glass types are permitted. Sizing rules are set out in table below.

	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 4223.3:2016
- NZS 4232.2
- NZS 4520

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

Specification Name:

Infernoguard Fire & Smoke Rated Lift Shaft Door – Steel Jamb

Specification Code	Fire Resistance Rating (FRR)	Wall Requirement
IF60LDT	-/60/-sm	Timber Stud Ex 100x50 with 13mm fire rated plasterboard to each side of wall to manufacturer's installation instructions
IF30LDT	-/30/-sm	
IFSMLDT	-/-/-sm	

Required Fixings:

- Door Jamb to wall - Screws 8g x 75/100mm
- Bugle Head Screws - 14g x 100mm

Installation Checklist:

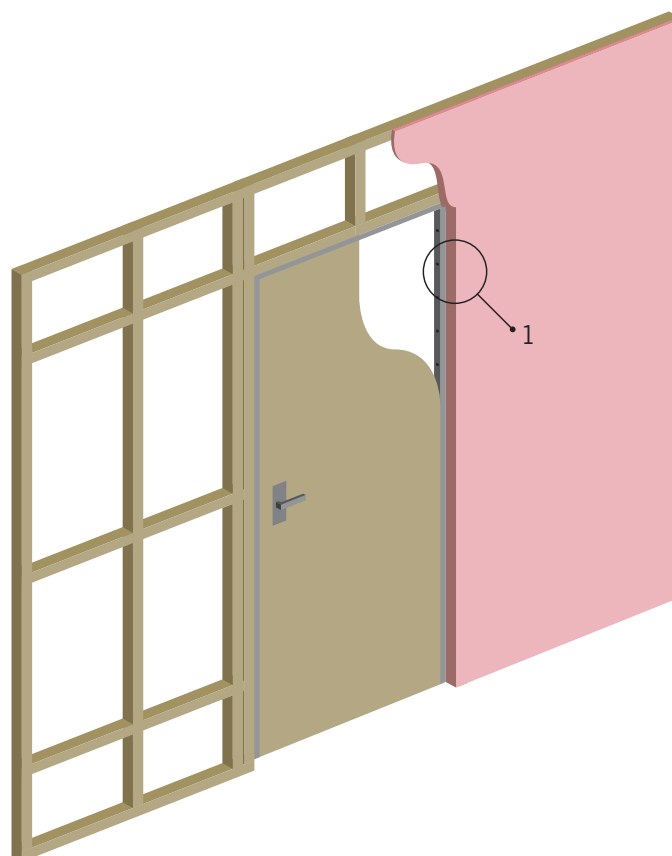
- Installer Declaration received. Declaration form is to be completed and returned before fire door certification tags can be issued. Send declaration to infernoguard@soteriadoors.co.nz
- Check all hardware and specified fixings are available. Fire doors are to have door closers and a self-latching or locking system. All hardware must comply with Soteria approved hardware. If unsure, check with Soteria or approved hardware guide on our website www.soteriadoors.co.nz

Fixing of Doorset:

1. Ensure prepared opening is both square and plumb.
2. Check the opening is within the recommended trim size. (Overall door & frame width + 15mm, Overall door & frame height + 5mm).
3. Place the doorset into the prepared opening.
4. Fix back the hinge jamb to the stud using supplied fixings.
5. Wedge/pack and fix back the closing jamb.
6. Ensure the doorset is square in the opening and opens and shuts freely.
7. Line wall with plasterboard to manufacturer's specifications.
8. Install Gib Fire/Sound Seal as shown in drawing.
9. Complete and sign installer fire door declaration sheets and return promptly to Soteria Doors.

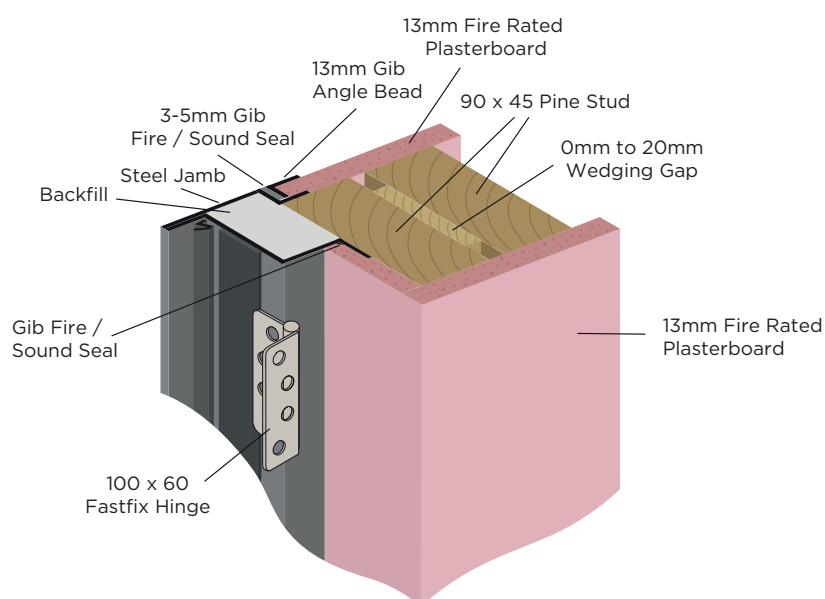
Wall Door Elevation

①



J1 - Wall Junction

①





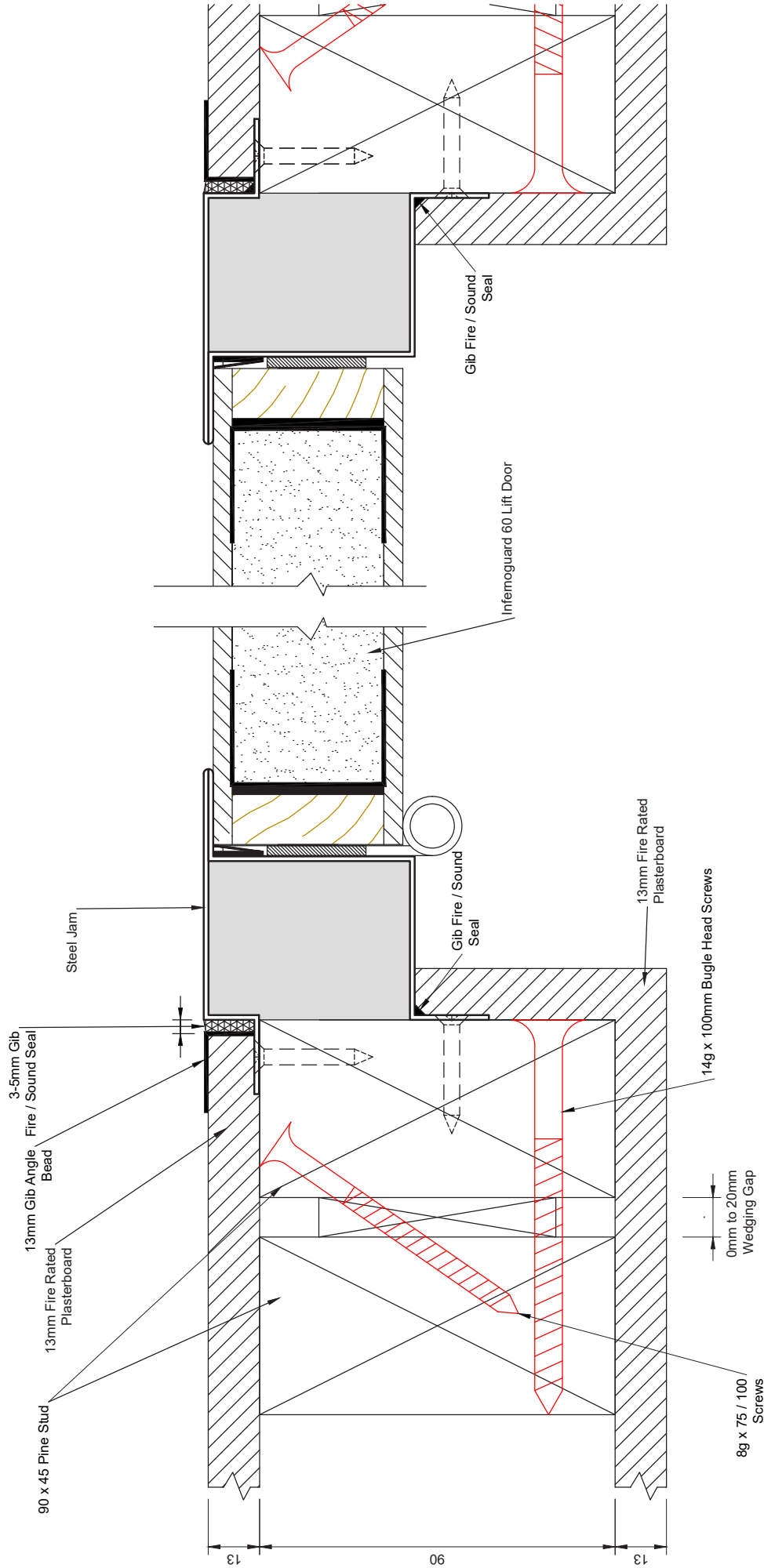
10g x 100
Screws on a angle
@400 centres



SOTERIA™
DOORS
Innovative Openings

Fixing Details - Lift Shaft Door

Design Drawings	Revision Version 4	Sheet No 11 of 11



Section A-A

SOTERIA™ DOORS Innovative Openings		Edward Street Dargaville 0310 Ph.: 0508 966 378	
Drawn	Cad Services Northland Ltd	Installation Detail - Lift Shaft Door	
Client	Soteria Doors		
Job	Design Drawings		
Drawing Type	Spec Sheets		
Job No	x	Scale - 1/1 Date- 2/9/2026	
All Dimensions in Millimetres Unless Otherwise Stated		Design Drawings Revision Version 4	
		Sheet No 4 of 11	
Drawn	Rev	Status	Description
		Revision History	
		Issued by	
		Copyright	



SOTERIA
DOORS

Innovative Openings

New Zealand

0508 966 378

sales@soteriadoors.co.nz

www.soteriadoors.co.nz