



THERMAL PERFORMANCE. RELIABLE OPERATION.

Sectional overhead doors combine high levels of thermal performance with noise-reducing properties, making them ideal for factories and warehouses. Their rigid construction suits high-usage applications.

01

Excellent thermal and acoustic performance

02

Galvanised construction for durability

03

Manual, mechanical and powered options

04

A clean appearance with easy operation

PANEL SPECIFICATION

Composition

Quality materials and controlled manufacture support a long service life in industrial and commercial applications. Insulated door panels conform to the applicable Building Regulations requirements for industrial doors.

- Outer and inner sheets: 0.5mm hot-dipped galvanised steel, V-grooved for lateral strength and formed as a tongue-and-groove joint.
- Core: 39mm rigid polyurethane foam at 40kg/m3 density.
- Seal: Compressible foam at the panel base with factory-applied PVC tape to the panel nose.

Thermal performance

The insulated foam core interrupts cold bridges between the inner and outer steel sheets, reducing transmission of heat or cold.

FINISHES AND OPTIONS

Outer skin - Finished and coloured to complement contemporary building cladding.

Inner skin - RAL 9010 white polyester-coated, stucco-embossed galvanised steel as standard.

Thermal bow

Dark colours should be avoided where a door will receive direct sunlight because of the potential for thermal bow.

Acoustics

The 40mm insulated panel provides sound reduction of Rw 25dB. This figure applies to the panel only, not joints or a fully installed door.

- Window options include a standard 600mm x 300mm radiused-corner unit.
- Pre-punched galvanised end caps with aluminium retainers and EPDM top and bottom seals.
- A choice of locking arrangements is available.
- Wicket doors are available at approximately 900mm x 2100mm with a low threshold, sash lock or push bar.

01 STANDARD LIFT

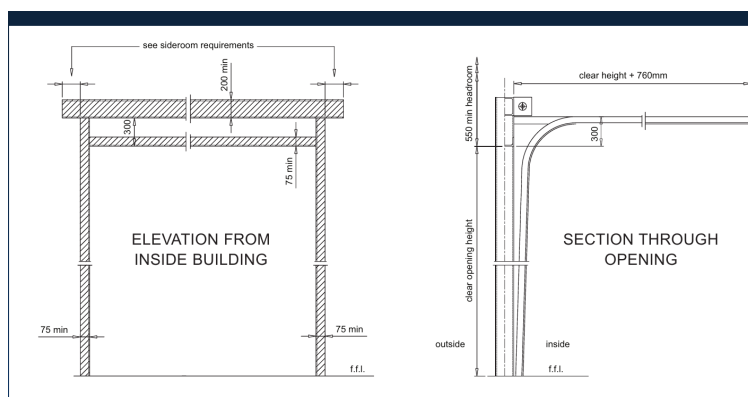
SIDEROOM REQUIREMENTS

Push-up doors up to 3000mm x 3000mm:
150mm x 150mm

Chain-hoist doors: 350mm x 150mm

Electrically operated doors: 400mm x 150mm

Note: All fixing faces shown hatched must be flush and in the same plane.



02 HIGH LIFT

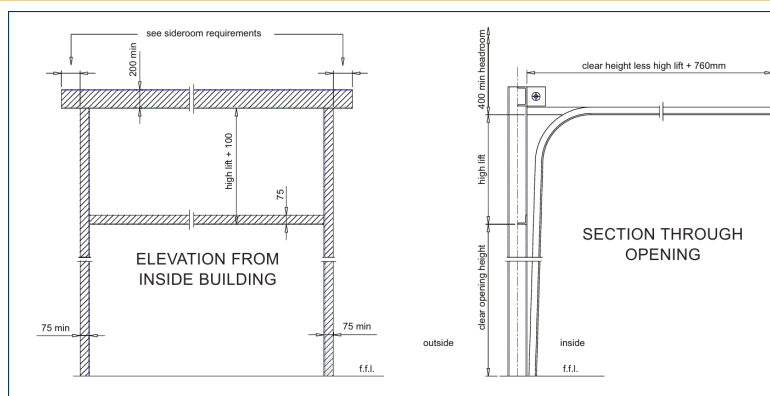
SIDEROOM REQUIREMENTS

Push-up doors up to 3000mm x 3000mm:
150mm x 150mm

Chain-hoist doors: 350mm x 150mm

Electrically operated doors: 400mm x 150mm

Note: All fixing faces shown hatched must be flush and in the same plane.



03 VERTICAL LIFT

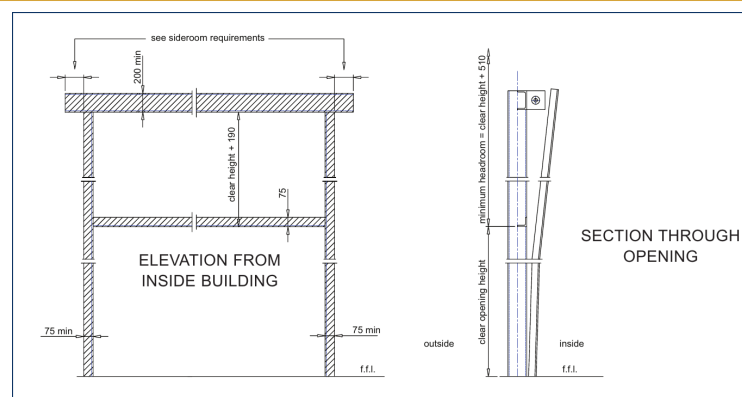
SIDEROOM REQUIREMENTS

Push-up doors up to 3000mm x 3000mm:
150mm x 150mm

Chain-hoist doors: 350mm x 150mm

Electrically operated doors: 400mm x 150mm

Note: All fixing faces shown hatched must be flush and in the same plane.



04 LOW HEADROOM

SIDEROOM REQUIREMENTS

Maximum dimensions: 5000mm x 5000mm

Maximum weight: 300kg

Note: All fixing faces shown hatched must be flush and in the same plane.

