



MADE TO ORDER

Acoustic Doors

Acoustic infill makes these doors soundproof up to 62dB — reducing noise pollution escaping your premises and sound-proofing against outside noise.

Soundproof – up to 62dB

0% airflow

Insulated – down to 1.83 m²K/W

Fire rated FD30–FD60

Air tightness – high

Multi-point locking

Glazed options

OVERVIEW

Standard leaf thicknesses are 45mm, 50mm and 55mm (dependent on rating). Like all of our doors, Steel Acoustic Doors can be designed and manufactured to your custom specifications, meaning you can soundproof any building, whatever its size. Every door is custom made to suit existing structural openings, designed on a CAD/CAM system and manufactured with CNC punching and pressing facilities.

DOOR FRAMES

Manufactured from 1.5mm or 2mm Zintec steel compatible with leaf strength and weight, formed to a single or double rebated profile in welded form, reinforced and fitted with fixing plates; jacking screws available as an optional extra. Frame depth: 90mm, 100mm or 150mm as standard for single rebate; 145mm as standard for double rebate (dependent on rating) — on request we can fold to specified sizes. An extending channel frame is also offered to aid fitting when the opening is not square.

DOOR LEAVES

Manufactured from 1.5mm or 2.0mm Zintec steel (dependent on rating), double skinned tray formed or interlocking seam design, reinforced internally to prevent twisting and prolong doorset life. Internally the door leaves are infilled with acoustic infill. Standard leaf thicknesses: 45mm, 50mm, 55mm (dependent on rating). All door leaves fitted with a security anti-jemmy lip (dependent on rating).

HARDWARE

Compatible with all types of mortice and surface-mounted locks. Supplied as standard with a sashlock, lever handles both sides, double euro cylinder and escutcheons both sides, or panic exit ironmongery. Can be fitted with a code lock where controlled access is needed, plus door closers or limit stays.

HINGES

As standard, depending on size and weight, doors are supplied with 3 to 6 stainless steel ball bearing hinges. Also available: full length hinge, concealed hinges, extended, specialist cladding and customer supplied.

CILL

DDA compliant threshold as standard, complying with wheelchair access regulations. Other options: no threshold, extra low profile (6mm from floor level), and specialist inward opening cill to combat water ingress on inward opening doors.



■ DOOR OPTIONS

Vision panels with different thicknesses of glass (dependent on rating) and louvered panels with or without flymesh (to a maximum of 13dB sound reduction). Powder coated side and over panels in the same frame profile — solid, louvered or glazed (dependent on rating). Double doorsets with top and bottom flush bolts (concealed or face fixed). Optional extras: kick plates, rain deflectors, drop bars, spy holes, finger protection strips and more, available on request.

■ FINISHES

Polyester powder coat and wood grain finish available to our standard colour chart; other finishes available upon special request.

SIZES	WHAT'S INCLUDED	APPLICATIONS
Single Door 1500mm W × 3000mm H (dependent on rating) (max) Double Door 3000mm W × 3000mm H (dependent on rating) (max) Doors can be manufactured to suit any structural opening size — see Bespoke Doorsets. Single door frames come pre-assembled; double door frames come in knockdown form.	■ Spare seal ■ Black plastic grommets ■ Packing shims (varying sizes) or jacking screws	■ Plant rooms ■ Boiler rooms ■ Commercial space ■ Factories ■ Generator rooms ■ Transformer chambers