



Metador

ACOUSTIC

Defender Soundguard

Designed to reduce sound transmittance and keep your premises totally secure, Soundguard can be fully customised to meet your acoustic requirements.





DDA Compliant



Acoustic



Manufactured in Britain.

The Defender Soundguard is designed to reduce sound transmittance for many external and internal applications. It is available in almost any size and is manufactured to suit the customer requirements. It has been designed to block sound up to Rw42dB.

Over panels / Side panels

Available to suit customer requirements.

Door Leaf

Manufactured from two 1.5mm Galvanised steel skins, folded and mechanically fixed to form a strong and rigid door leaf, filled with a variety of acoustic cores. Anti-jemmy flanges to the leading edge of the leaf provide excellent jemmy resistance.

Frame

Frames are pressed from 2mm Galvanised steel to form a rebated profile. Profiled headers form a smooth butt joint with the vertical posts and are joined together utilising strong M8 bolts to provide positive rigidity. The special fast-fit frame is able to compensate for most irregularities in the opening with 8no threaded fixing adjusters per doorset. They permit a tolerance of up to 18mm on each side of the door. Shims and packers are not necessary making an extremely secure fix.

Thresholds

DDA-compliant 2mm stainless steel thresholds, bolted into the vertical frame posts, are available as outward opening, inward opening or ramped. An auto drop-seal is added for sound reduction for certain sound levels.

Seal

A variety of different acoustic perimeter seal systems are used to meet your sound reduction requirements.

Soundguard Level	Rating (dB)
1	30-32
2	32-38
3	39-42

Hardware

Door leaves are hung from a minimum of 4no stainless steel hinges for smooth operation and optimum weather resistance. Security dog bolts secure the leaf into the frame if the hinges are attacked. Additional hardware includes a range of locks, latches, lever handles, panic hardware, closers and stays. On double doors, lever-action flush bolts can be installed within the leading edge of the inactive door leaf.

Finish

Available in any RAL or BS standard or marine-grade powder-coat finishes.

Vision Panels

A full range of vision panels are available with acoustic glass to suit varying sound reduction levels.

Acoustic Door Louvres

Sound Block Louvre System

An acoustic louvre is somewhat of a contradiction in terms; a louvre is designed to allow the passage of air through a door, but at the same time it will restrict the passage of sound. In acoustic tests, our acoustic louvre has achieved a range of acoustic values up to Rw32dB. Louvre panels to varying sizes are available. Both solid, louvred and glazed over panels and side panels can be manufactured to suit individual customer requirements.

Structural opening sizes (mm)*

	Max width	Max height
Single leaf	1480	3050
Double leaf	2800	3050

* For oversized doors, please enquire.

Made of stronger stuff.

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