



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 Rw52dB.

## 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 45mm thick door leaf, filled with a variety of acoustic cores. Anti-jemmy flanges to the leading edge of the leaf provide excellent jemmy resistance.

## Frame

90mm frames are pressed from 2mm Galvanised\* steel to form a single 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. Frames can be insulated if required.

### Thresholds

DDA compliant 2mm stainless steel threshold bolted into the vertical frame posts. Available in outward opening, inward opening and ramped. An auto drop-seal is added for sound reduction for certain sound levels.

## Seal

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

## Hardware

Door leaves are hung from 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 with acoustic glass with 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 permit the passage of sound. The SBLs is designed to reduce the amount of sound passing through the door whilst still allowing air to flow. In acoustic tests, our 300mm deep SBLs louvre has achieved a sound reduction of Rw18dB, and the 600mm deep SBLs louvre Rw32dB. Louvre panels to any sizes are available. Both solid, louvred and glazed over panels and side panels can be manufactured to suit individual customer requirements.

*\*Magnelis steel is offered as an alternative. Please enquire.*

### 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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