



Acoustic Doorsets



Sound Reduction Doorset Solutions

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TIMBER DOORSETS

Stafford Bridge acoustic timber doors and timber/steel frames have been third party tested as a complete doorset and are supplied where appropriate with acoustic perimeter and bottom seals.

Performance - Timber acoustic doorsets features

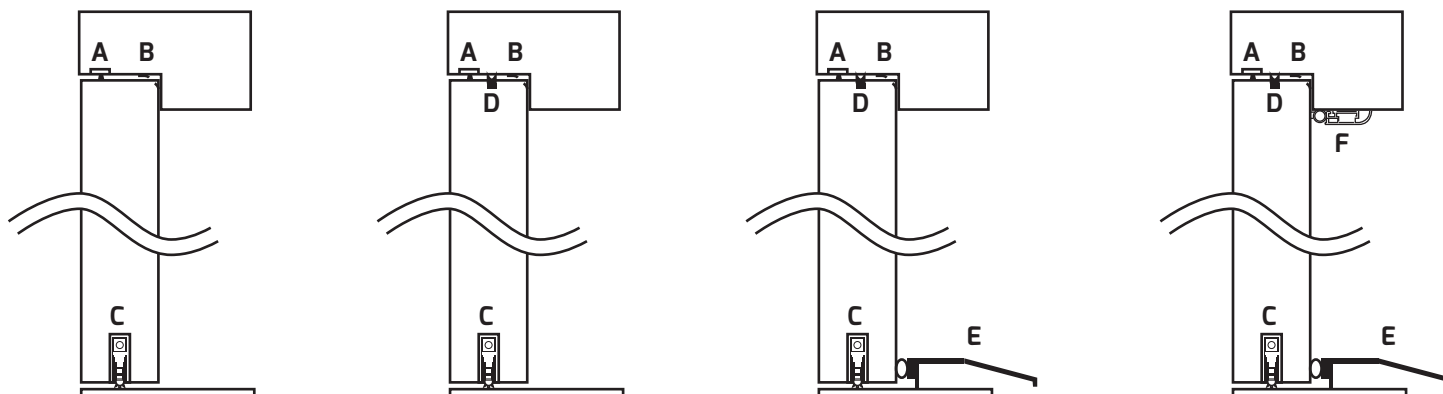
- Light weight fire resistant 34dB acoustic doorsets available.
- 44/45mm thick doorsets upto Rw 50 rating.
- Enhanced performance doorsets with Rw 51 to Rw 54 acoustic rating.
- Testing of acoustic door/frame units by independent laboratories complies with current standards.
- Fire rated doors are available up to 90 minutes.
- Units have been designed to accept readily available architectural hardware.
- Timber doorsets are available with factory fitted glazed vision panels to meet the acoustic requirement.



Finishes

- Fully painted to agreed BS or RAL colour
- Timber Veneered
- Stained
- Plastic Laminate
- Heritage Panelled

TYPICAL TIMBER DOOR & FRAME DETAILS



A - THERM A STOP 15X4 FIRE & SMOKE INTUMESCENT "BRUSH SEAL"
B - LORIENT IS1212 "BATWING" ARCHITECTURAL SEAL
C - LORIENT IS8010 si AUTOMATIC THRESHOLD (DOOR BOTTOM) SEAL
D - LORIENT IS1511 "FIRTREE" SEAL

E - MODIFIED NGP ADA 950 BUMPER SEAL THRESHOLD
F - LORIENT IS 7020 PERIMETER SEAL
G - NGP 2525B TEARDROP SEAL
H - LORIENT LP1504TS

STEEL DOORSETS

Acoustic steel doorsets and frames combine outstanding sound transmission loss with the appearance of standard architectural hollow metal products. Doors are provided complete with acoustic steel frames, perimeter and bottom seals.

Performance - Steel acoustic doorset features

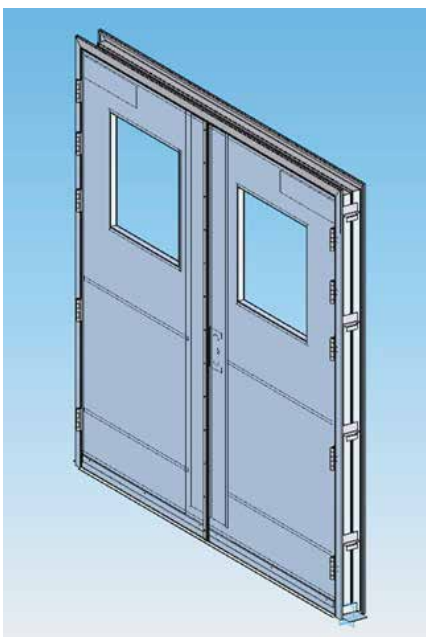
- Testing of acoustic door/frame units by independent laboratories complies with current standards.
- Acoustic steel doorsets are available 44/45mm thick upto Rw 53.
- Acoustic doorsets are available at greater thicknesses from Rw 54 to Rw 64.
- Units have been designed to accept readily available heavy duty builders hardware.
- Steel doorsets are available with factory fitted glazed vision panels to meet the acoustic requirement.
- Fire rated doors are available up to 240 minutes.

Finishes

- 304 stainless steel brushed or painted finish to agreed BS or RAL colour
- 316 stainless steel brushed or painted finish to agreed BS or RAL colour
- Standard powder coated steel finish to agreed BS or RAL colour

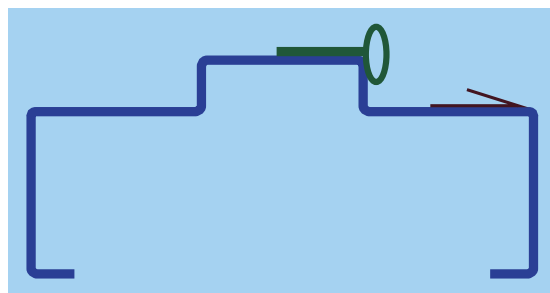


TYPICAL STEEL DOOR & FRAME DETAILS



Frame Profile & Seal

- Typical profile similar to pressed steel frame:
 - Integral formed stop is fixed
- Applied acoustic seals on to standard double rebated steel frame sections maintain the aesthetics of standard steel doorsets providing continuity of the overall project appearance.
- The use of a standard profile acoustic frame means that the aesthetics more closely resemble the other commodity frames on most projects.



TYPICAL DOOR WEIGHTS

<u>Rw46</u> 36kg/sq.m	<u>Rw51</u> ≈45kg/sq.m
<u>STC53</u> 68kg/sq.m	<u>STC59</u> 100kg/sq.m



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