

The extraordinary sound insulation ever from
NOISESTOP[®] acoustic doors

A comprehensive range of doorsets for all applications provide excellent sound insulation, smell containment, fire and smoke resistance for you.

Various distinctive finishes are available to match all architect design.

Applications:

Medical Centers, theatres, concert halls, television studios, board rooms and interview rooms etc.



NOISESTOP[®] Seals:

With NoiseStop[®] perimeter seals and auto-lifting seal at the bottom of the door, the containment against cold smoke and hot gases can be highly reduced and these provide useful thermal and acoustic insulation.

Vision Panels & Air Transfer Grilles

The vision panels are compatible with most types of glass such as Georgian wire glass, Pyran, Firalite, Pyroshield, Pyroguard and other types of fired rated glass thickness 5mm-22mm. Flexibility in vision panel design from triangle, polygon, to any shapes you can think of.

The air transfer grilles are available in vision and non-vision range with a choice of various colour, flanges and shape in good aerodynamic performance.



Sound Reduction

The acoustic performance ranges from STC32 to STC50. Higher performance could be designed for special application.

Model	Core	Thickness
STC32	Composited layers	45mm
STC36	Composited layers	50mm
STC42	Composited layers	55mm
STC46	Composited layers	50-65mm

* More models are available upon request.

Sound Transmission Class (STC) Curves

STC RATING	OCTAVE BAND (Hz)					
	125	250	500	1000	2000	4000
STC 32	19	26	31	30	34	34
STC 36	25	31	34	37	38	40
STC 42	24	35	39	44	41	46
STC 46	32	34	42	51	56	56

Test Standard

Fire Performance

British Standard BS476 Part 20/22;
BS476 Part 31.1; BS5588 and BS2750.

Acoustic Performance

British Standard BS2750 Part 1: 1980
(ISO 140/1 – 1976)

Various Finishes

Veneer, paints, laminates, and Metal etc.



Metal



Wood veneer

For more details, Please contact:

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