



**Acoustic Rating - STC 47
(independently tested)**

Available from stock

High quality furniture

**Standard size - to fit a
structural opening 2100mm
high x 1000mm wide (see
also 'frame size' overleaf)**

**Supplied as complete door
set, ready for immediate
installation**

IDEAL FOR:

Broadcasting, Post-Production
and Recording Studios

Language Laboratories

Cinemas

Theatres

Plant Rooms

Conference/Function Rooms

Kitchens

Offices

Audiometric Rooms

Machinery Enclosures

NOISE-LOCK 47 STOCK DOORS

IAC Bulletin NL47-DS/2.00

A Range of 4, Standard, High-Performance Acoustic Doors

IAC is the UK's only specialist acoustic products manufacturer to offer a range of high performance acoustic doors from stock. While every other manufacturer supplies only to order - with typical delivery periods of 6 to 8 weeks - IAC has broken with convention because the accelerated timescales of many building projects frequently cannot accommodate this kind of delay. Immediate delivery, however, does not mean a compromise in price and quality. Noise-Lock 47 doors are manufactured using the best materials to an architecturally pleasing and thoroughly tested design, and are available at highly competitive prices. Suitable for all types of building and refurbishment projects, the IAC Noise-Lock 47 range provides specifiers and contractors with a "no-nonsense", cost-effective solution to their acoustic door requirements.



Product Specification

Models

There are four models in the Noise-Lock 47 range: 47-A, 47-B, 47-C and 47-D. Please quote model number on all specification/purchasing documents.

Size

Structural opening:
2100mm high x 1000mm wide
Clear Opening (between jambs):
1985mm x 848mm
Size of frame:
2144mm x 1098mm

Construction

The door leaf is constructed from 1.6mm sheet steel, filled with sound absorbing and damping materials, and has an overall thickness of 64mm. All doors are hung in an architectural steel split frame which has a bevelled floor threshold fitted with double compression seals.

Applications

Suitable for all types of structures, even those built from stud partition walls (when adequately strengthened).

Acoustic Seals

Sides and head of door and frame have two (2) sets of self-aligning magnetic seals.

Furniture (all models)

Hinges - Two (2) heavy duty level-swing steel hinges. Hinges of an identical design have been cycle tested a minimum of 125,000 times while supporting a door leaf weighing 159 Kg/350 lb.

Handles - Two (2) anodised aluminium pull handles.

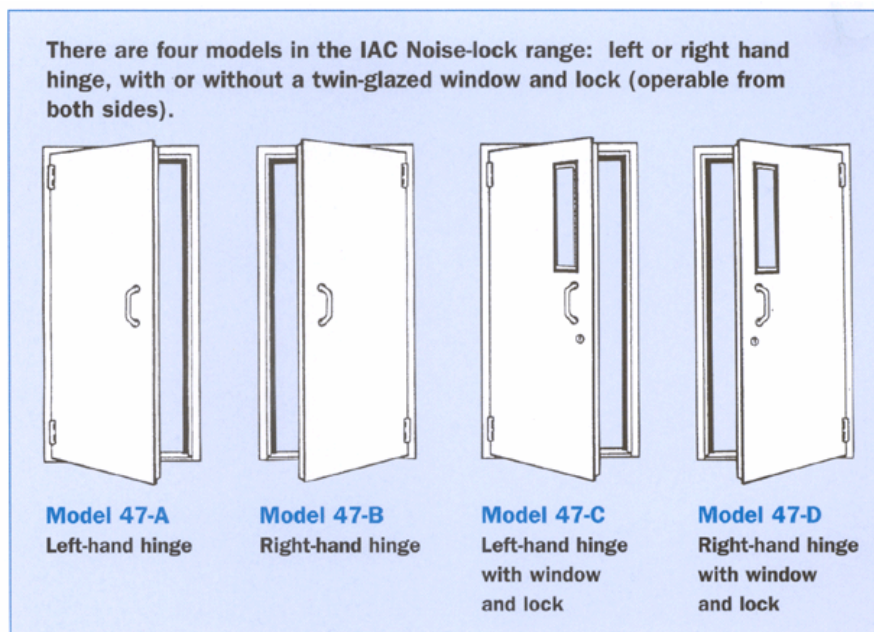
Window

(Models 47-C and 47-D only)
One (1) double-glazed aluminium framed STC 47 Noise-Lock window 150mm wide x 610mm high.

Lock

(Models 47-C and 47-D only)
One (1) ASSA 2788 upright mortice deadlock, thumb turn and cylinder included.

Models



Weight

50 Kg per m² approximately.

Finish

White prime paint.

Installation

Service available on request.

Optional Equipment

Door closer, special paint finishes - please contact IAC for further details.



IAC is a BS EN ISO 9001 quality registered company



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Acoustic Performance

	TRANSMISSION LOSS (dB) CENTRE FREQUENCY HZ						
	125	250	500	1K	2K	4K	STC
LABORATORY TEST	23	41	43	47	52	56	47
FIELD PERFORMANCE	22	40	38	39	48	54	43

For more detailed information concerning the complete range of IAC Noise-Lock doors please refer to Bulletin No. AD/1.99

Other IAC Architectural Products and Systems:

- Custom-designed acoustic doors
- Trackwall acoustic moveable walls
- Accu-tone broadcasting and recording studios

- Moduline audiometric rooms
- Noise-Lock ceiling systems and floors
- Noishield acoustic louvres
- Varitone sound absorption systems
- Noise-Lock windows