

ACOUSTICS HELLAS - STUDIOS

Custom engineered and innovatively designed, Acoustics Hellas modular studios for broadcast and recording provide audio and video professionals with the high-level acoustical sound isolating environments required for sensitive modern digital technology. With isolated floors, silenced ventilation, and guaranteed performance, the room's interior acoustics can be tuned using non-parallel walls, canted windows, bass traps and various wall treatments.



Most studios are built inside an existing structure, which was constructed with no thought to noise isolation or acoustical performance. Office buildings, industrial warehouses and even residential structures are common sites today for broadcast and recording facilities. Many of these host sites are leased or located in a studio that can subsequently be outgrown, factors which can make an Acoustics Hellas' room with its ease of re-location more attractive.

APPLICATIONS

Critical Listening Environments
Radio Broadcast Facilities
Voice Over Booths
Video Production Studios
Recording Studios
Control Rooms

TIMBER ACOUSTIC DOORSETS



APPLICATIONS

Acoustic Timber Doorsets available in a wide range of wood and laminate finishes and are fire rated. Supplied as complete assemblies including frame, doorleaf seals and hinges they can be used wherever high sound reduction performance is required between noise sensitive areas such as:

- Radio/TV Studios
- Music Studios/Practise Rooms
- Theatres and Cinemas
- Conference/Consulting Rooms
- Interview Rooms / Private Offices
- Hotel Suites/Rooms

SOUND REDUCTION:

Two performance versions are available:

Standard Performance: Sound Reduction $R_w = 38\text{dB}$

High performance: Sound Reduction $R_w = 44\text{dB}$

FIRE RATING:

Doors are fire rated FD30S - up to 30 minutes integrity plus 30 minutes insulation

FD60S - up to 60 minutes integrity and insulation to special order.

FINISHES:

Veneers: Maple, Oak, Sapele, Ash, Birch, Koto, Bibolo, Mahogany, Cherry, Teak, Clear lacquered Beech

Paints: Full range of NCS plus BS and RAL equivalents are available.

INSTALLATION:

Installed in a similar manner to standard timber doors. Installation guide is supplied with the doorsets.

Doorsets are supplied at a moisture content of 6-12% and should not be brought on site until conditions are suitable. Wet trades should be completed and the building dried out. Do not build-in or install frames as first fixings.

NOMINAL SIZES:

Door leaf size: 2040 x 926mm
 Door frame size: 2090 x 990mm
 Structural opening: 2100 x 1000mm
 Door leaf thickness: 63mm

Other sizes and thicknesses available to special order.

IRONMONGERY

Doors are supplied with ASSA 3228 hinges and ASSA 565 lockcase. Handles are usually specified and sourced separately. However, they should have bolt-through fixings compatible with ASSA lockcases

NOMINAL WEIGHT

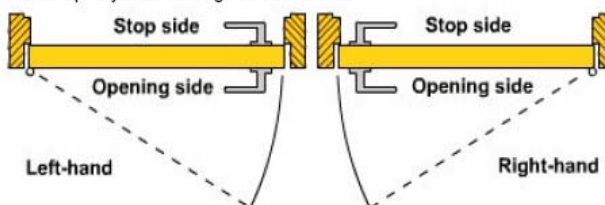
Standard door leaf: Approx. 50Kg

WINDOWS

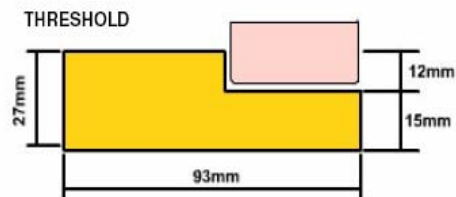
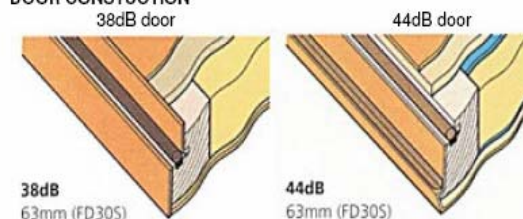
An aperture of 200mm x 700mm can be custom specified, at additional cost, but the performance will be reduced to 38dB on a standard 44dB doorset.

DOOR HANDING

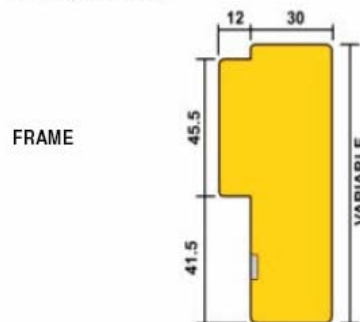
Please specify door handing as shown below:



DOOR CONSTRUCTION



Hardwood Threshold

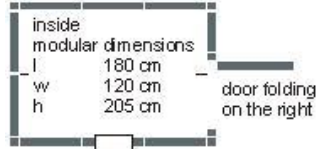


FRAME

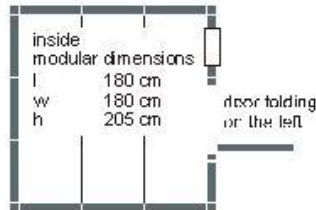
STUDIO

Standard, Professional, Premium
dimensions

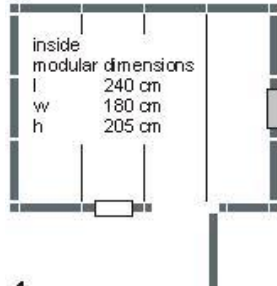
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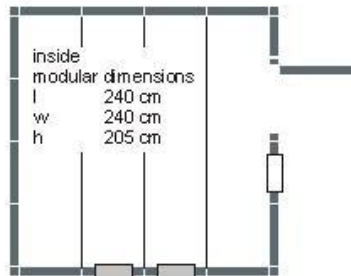
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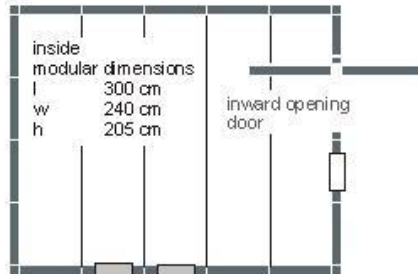
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4



5

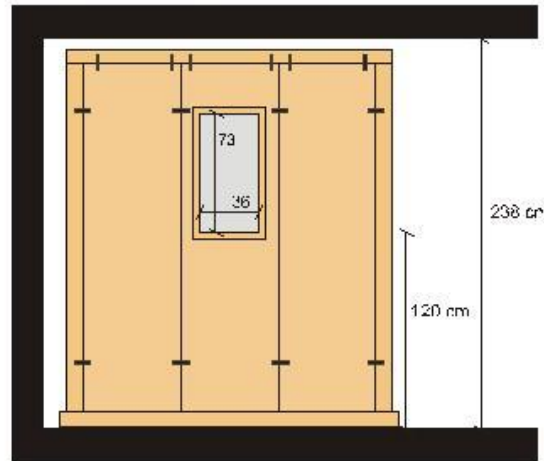


STUDIO

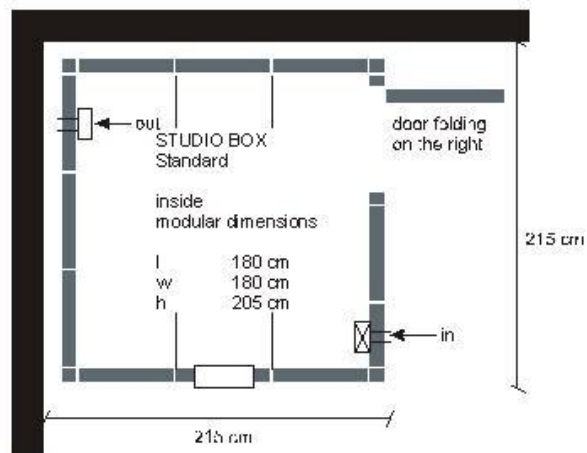
Modular Acoustic Booths

price list 0102 II
direct sales

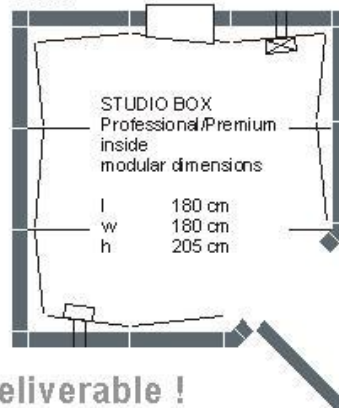
Necessary room height for installation
Standard interior height 205 cm



Floor space required (example)



Diagonal corner (example)
bevel



Further sizes deliverable !