



YOKAH ACOUSTIC TIMBER DOOR



Manufacturers of high performance acoustic timber doors

YBS Acoustic Timber Doors



Applications - single and double acoustic internal timber doors sets are available in a wide range of wood and laminate finishes and are fire rated. They are used wherever high sound reduction performance is required between noise sensitive areas such as:

- radio / TV studios
- music studio
- music practice rooms
- theatres and cinemas
- interview rooms
- boardrooms
- private offices
- conference rooms
- consulting rooms
- hotel suites/rooms

Note: The term doorset in this leaflet refers to complete assemblies, (including frame, seals, threshold, doorleaf and hinges). This is because to achieve the optimum fire and acoustic performance, the total YBS Acoustic Timber Doorset must be fitted complete.



Nominal Size

Single leaf door standard size

- External overall door frame size:
2,110mm high x 1,012mm wide
- Door leaf size:
2,040mm high x 926mm wide

Double leaf door standard size

- External overall door frame size:
2,110mm high x 1,790mm wide
- Door leaf size:
2,040mm high x 850mm / 850mm wide

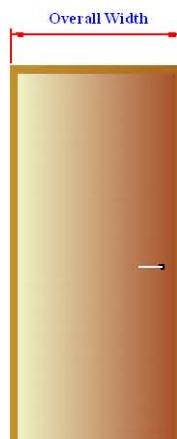
Other sizes are available on request

STC 44 and STC 41 door leaves are 64mm thick

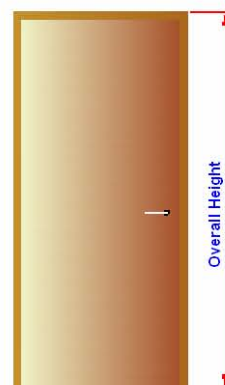
STC 35 door leaves are 54mm thick

Standard door frame: 90 x 40mm hardwood section complete with a 30mm door stop and 90 x 20mm threshold.

Deeper frame depth can be supplied upon special request.



External overall frame width



External overall frame height (including threshold)



Nominal Weight

- Single leaf STC 44 door set 85 kg
- Single leaf STC 35 door set 74 kg
- Double leaf STC 42 door set 144 kg
- Double leaf STC 35 door set 123 kg

Ironmongery

Doorsets are supplied with hinges and seals pre-fitted. Handles, lockcases etc. available usually supplied and fitted by others to suit the rest of the building.

Fire Ratings

All STC 35 doorsets are FD30 or FD60 fire rated
 All STC 44 and STC 41 doorsets are FD30 or FD60 fire rated

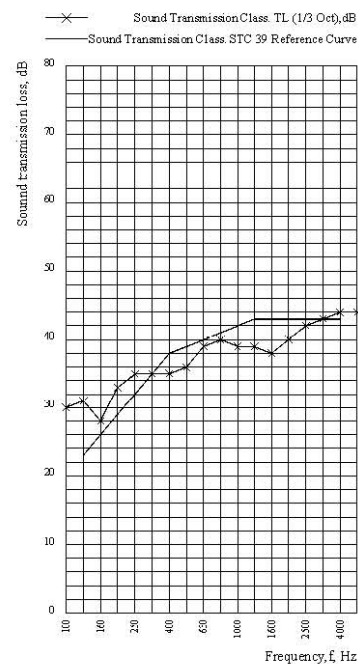
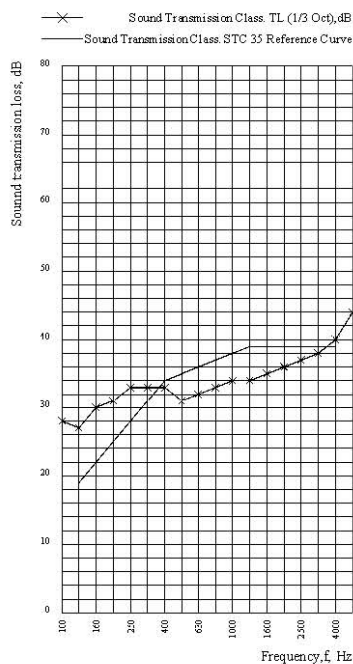


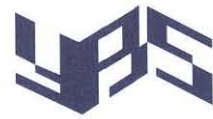
Sound Reduction

YBS acoustic doorsets are high performance constructions and are available in two standard acoustic ratings:

- High Performance version is called Soundshield 2 and has acoustic rating of STC 44.
- Medium performance version is called Soundshield 1 and has acoustic rating of STC 35.
- Other acoustic performance ratings such as STC 38 are available on request.

Acoustic Test Results



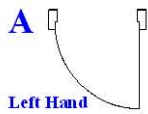


Finishes

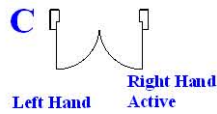
Door leaf facings: For paint, decorative veneer or laminate
Lippings finish: Factory applied finishes, primer or NC lacquer.

Door Handing

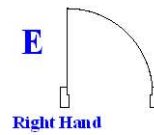
Please choose which door handing you require from the options.



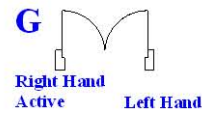
Left Hand



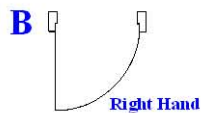
Left Hand Right Hand Active



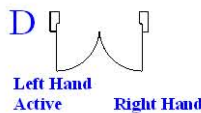
Right Hand



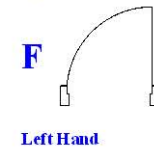
Right Hand Active Left Hand



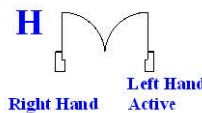
Right Hand



Left Hand Active Right Hand



Left Hand



Right Hand Left Hand Active

Vision Panel

Vision panels, glazed in clear 17mm fire and acoustic safety glass, are available on the STC 35 decibel doors but not on the STC 41 or the STC 44 doorsets.

Other options for vision panels are available on request
Such as wheel chair vision panels.

Acoustic seals

Magnetic or compression perimeter seals to head and jamb, type depending on application. Automatic threshold seal, surface mounted or rebated into the flush door leaf, spring loaded to lift clear of threshold.



50 x 700mm
(sight area)



300 x 300mm
(sight area)

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