

800 Series Acoustical (STC) Door 5 and 7-Ply

Hardwood Veneer / MDO / HDF or High Pressure Decorative Laminate (HPDL)

WDMA / AWS: SR - Special Function Doors - STC-36, 39, 40, 42 or 43

Door sizes: (Non rated) 1-3/4" - 2-1/4" thick, up to 3' wide x 7' high (Check with sales for larger doors).

Acoustical or Sound Resistant doors are tested in accordance with ASTM E90, E413 and E1332. The operable tests give the results of Sound Transmission Loss and the determination of the Sound Transmission Class (STC) for door systems.

These doors can be specified for a number of applications where noise reduction is required. Typical applications for this type of door are: Meeting or classrooms, band rooms, auditoriums, hotel rooms, etc.

More information can be obtained on the "Sound transmission information" section of our website.

Options available
Applied moulding, overlays, sketch face and hardware machining.



Top and Bottom Horizontal Edge: 1-1/2" minimum solid wood or structural composite lumber, one piece, laminated or LVL.

Vertical Edge: 3/4" minimum matching hardwood outer stile; 7/8" minimum finger jointed, composite or LVL inner stile.

Core: Sound dampening materials.

Core/Edge Interface: Stiles and rails are high frequency bonded to core and core assembly sanded prior to application of cross band and veneer.

Crossband: 2 ply edge glued hardwood or one piece HDF.

Faces: Selected hardwoods minimum 1/50", Grades "A", "AA" and high pressure laminate, medium density overlay or hardboard. High pressure laminate 0.050" direct to core, 0.050" with cross band or 0.125".

Warranty: 5 year for interior use / one year limited exterior, fully type 1 wood or MDO faces only. See Vancouver Door Warranty.

Blocking Options: For undercutting and specialized hardware. Must be specified if required. See "[Blocking Adds](#)" page.

Available Rating Options For 800 STC

Fire Ratings



N/A

STC Ratings



- Standard construction = STC-36 to STC-43.
- Lites - Recommended glazing systems must be used to obtain the maximum STC rating. It is highly recommended that all glazing be done by the factory.
- Currently Not tested or Approved for pairs.

• See the STC "[Sound Transmission Information](#)" page.

LEED Credits

- MR 4.1 - Recycled Content: 10%
- MR 4.2 - Recycled Content: 20%
- EQ 4.4 - Low Emitting Materials - No Added Urea Formaldehyde (NAUF)
- Low VOCs on all finishes.
- All products conform to "CARB" Phase II requirements.

See our "[LEED](#)" [Matrix](#) for additional information.

*Note: Each STC rated door requires a specific sealing system to maintain the rating. We can supply a complete system or you may supply as long as the system conforms to the test data. Check with our technical department.

Sized, beveled and machined for just about any specified surface, concealed or electrified hardware and prefinished.