



AudioSuite Certified. Compliant. Complete.

Our DesignSuite expands to include exceptional acoustic performance doors in our **AudioSuite**. These doorsets incorporate high-performance cores and acoustic sealing tested to achieve an impressive noise reduction of up to 43RWdB. This makes them ideal for various projects requiring sound control, including schools, hospitals, hotels, factories, and even theatres.

Where can AudioSuite be specified?

AudioSuite doors are specified in any location where it is desirable to reduce the transfer of noise. Common applications include music and arts venues, hotel bedroom doors, schools, meeting rooms and auditoriums, plant rooms, toilets off public spaces and recording studios.

AudioSuite Features

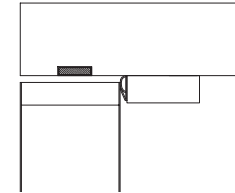


1. **Core** – To achieve higher dB performance we use our Epicore dB which is a specialised layered core, available in a range of thicknesses, to achieve enhanced acoustic ratings.
2. **Vision Panel** – Specified in a size and position in accordance with BS 8300 recommendations, with glass to meet fire and acoustic performance requirements. Beading is available in both bolection and flush style.
3. **Finishes** – Laminate, wood veneer, primed and painted finishes available.
4. **Frame** – Options include both loose stop and rebated frames.
5. **Ironmongery** – A wide range of ironmongery & access control products in a selection of styles and finishes.
6. **Fire ratings** – From NFR to FD60s
7. **Acoustic ratings** – Up to 43RWdB

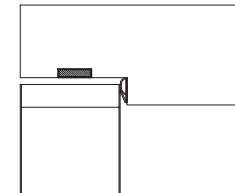
Frame Details



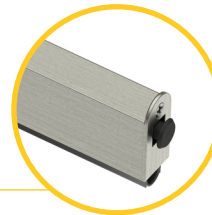
Loose Stop Frame



Rebated Frame



Acoustic Seal Details



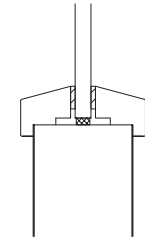
Drop Seal

A range of drop seals including face fit or morticed into the bottom of the door, automatically activating upon door closure to provide a firm seal.

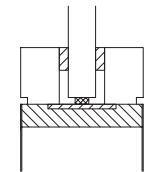
Vision Panel Bead Details



Bolection Bead



Flush Bead



Core Types



Epicore dB



To view AudioSuite, visit our website here



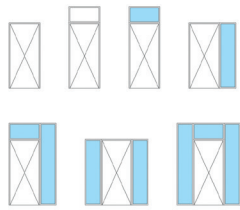
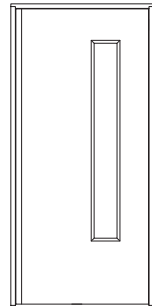
View us on NBS Source here

Specification Details

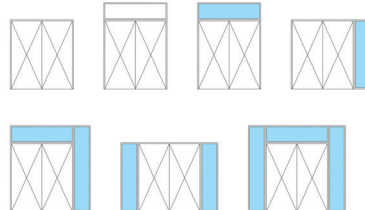
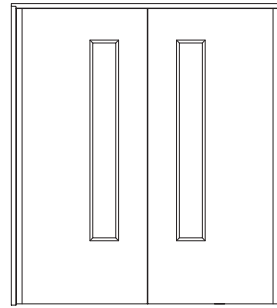
Configuration Options

DorSuite's performance doorsets are available in various configurations to meet the needs of any project. They can be single or double doorsets (either equal or leaf & a half pairs), and as single or double swing. All doorset choices include full height doors, with the option of glazed or unglazed overpanels, side lights, or fanlights. Overpanels can be installed with or without a transom.

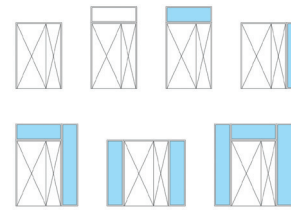
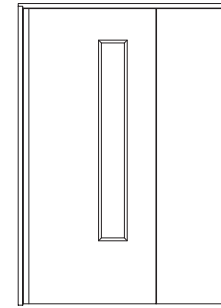
Single Leaf



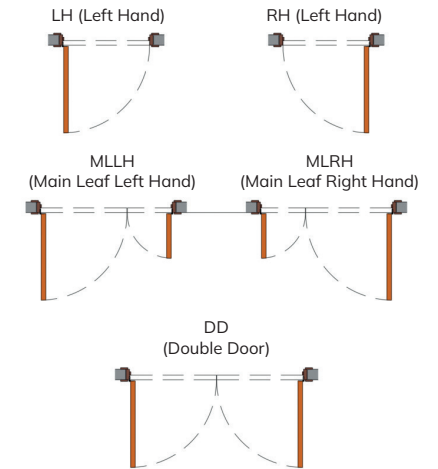
Double Leaf



Leaf & a half



Door Handings



Standard Leaf Size Table

FD30 Sizes

Configuration	FD30 Max door leaf width
Single Leaf - When the door has a latch	1411mm (@2404mm Height)
Single Leaf - Unlatched	1153mm (@2900mm Height)
Double Leaf - When the door has a latch	1181mm (@2404mm Height)x2
Double Leaf - Unlatched	1103mm (@2900mm Height)x2
Door leaf size max width per leaf	FD30 Max door leaf height
Single Leaf - When the door has a latch	3125mm (@1085mm width)
Single Leaf - Unlatched	3145mm (@1050mm width)
Double Leaf - When the door has a latch	3095mm (@1050mm width)x2
Double Leaf - Unlatched	3045mm (@1050mm width)x2

FD60 Sizes

Door leaf size max height per leaf	FD60 Max door leaf width
Single Leaf - When the door has a latch	1384mm (@2441mm Height)
Single Leaf - Unlatched	1359mm (@2685mm Height)
Double Leaf - When the door has a latch	1142mm (@2300mm Height)x2
Double Leaf - Unlatched	1117mm (@2336mm Height)x2
Door leaf size max width per leaf	
Single Leaf - When the door has a latch	3050mm (@825mm width)
Single Leaf - Unlatched	3000mm (@825mm width)
Double Leaf - When the door has a latch	2850mm (@825mm width)x2
Double Leaf - Unlatched	2800mm (@825mm width)x2

For double action doorsets & PyroSuite doorset sizes, please contact our technical sales team.