

# ACOUSTIC DOORS

---

Our acoustic doors provide high-level sound protection. Available as a standard acoustic door or with added security protection, they provide a sound-proof solution for stadiums, studios and concert halls.



**Up to Rw50dB**



**Tested to BS EN ISO  
140-3:1995**



**Access controls available**



**Bespoke Design**



## Opening Configurations

Sizes	Min Width	Max. Width	Min. Height	Max Height
<b>Single Door</b>	600	1200	TBC	TBC
<b>Double Door</b>	1290	2400	TBC	TBC
<b>Side Panels</b>	N/A	N/A	N/A	N/A
<b>Over Panels</b>	N/A	N/A	N/A	N/A

## Door Frame

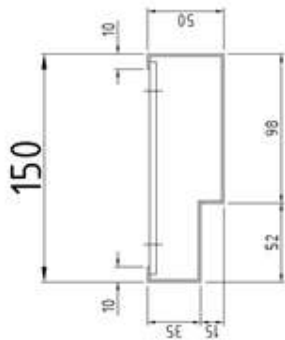
Material: 1.6mm Zintec filled with plaster.  
 Profile: 150mm Single Rebate

## Door Leaf

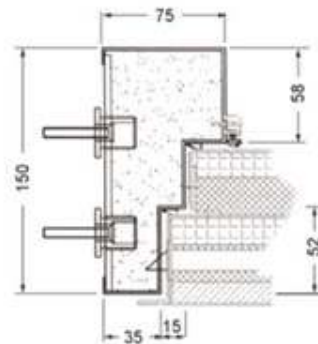
Material: 1.2mm Corrosion resistant Zintec/Aluzinc Sheets  
 Thickness: 52mm. (For 46dB-50dB requirements, leaf is 100mm thick)  
 Construction: Two 1.2mm sheets bonded together around a rigid core, using a no-weld construction.  
 Infill: A combination of layers of plasterboard, mineral-fibre and rubberised sheet.

## Frame Detail

### Frame



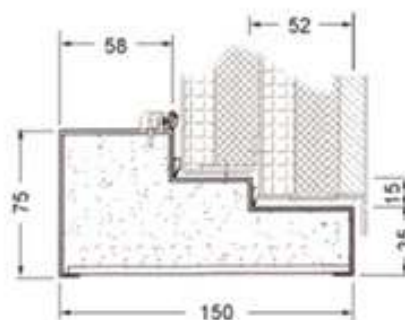
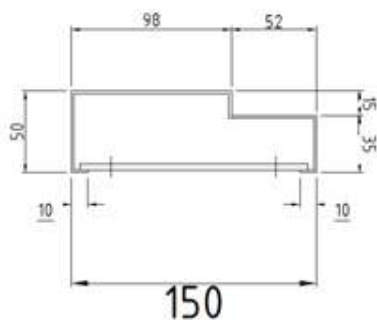
45db



50db

Four-sided frame

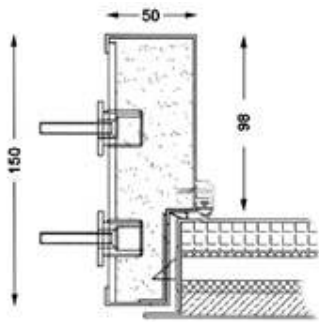
### Threshold



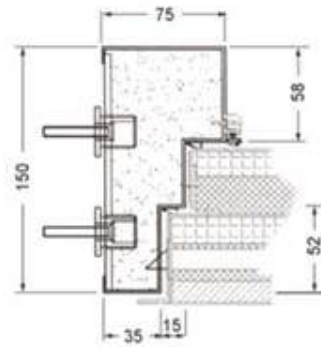
Integral with frame



## Meeting Stile



45db



50db

Suitable for fixing into steel and masonry.

## Finishes

Polyester Powder Coated from standard colour range, non-standard colours are available at request. You can find our **RAL colour chart here.**



Rotec: the best supply and install lead times for steel doors, guaranteed.

We are proud to offer bespoke steel doors with unbeatable supply and install lead times. We regularly conduct maintenance inspections and safety tests on all of our doors, ensuring we meet the latest compliance standards.

For more information on any of our product ranges, or to receive a bespoke quotation, please get in touch:

**Robbie Shaw, Sales Manager**

robbie.shaw@rotecsecurity.co.uk

0161 439 4433 / 07384 457650