

Core:- 44mm Strebord  
Configuration:- Pair  
Action:- Single Action  
Vision Panel:- 7mm Glass  
UKAS Test House :- SRL Technical Services Limited  
Certificate Number:- C/09/5L/20855/R02  
Test Number:- 018

**Acoustic Rating:- Rw 35dB**

Please Note:-

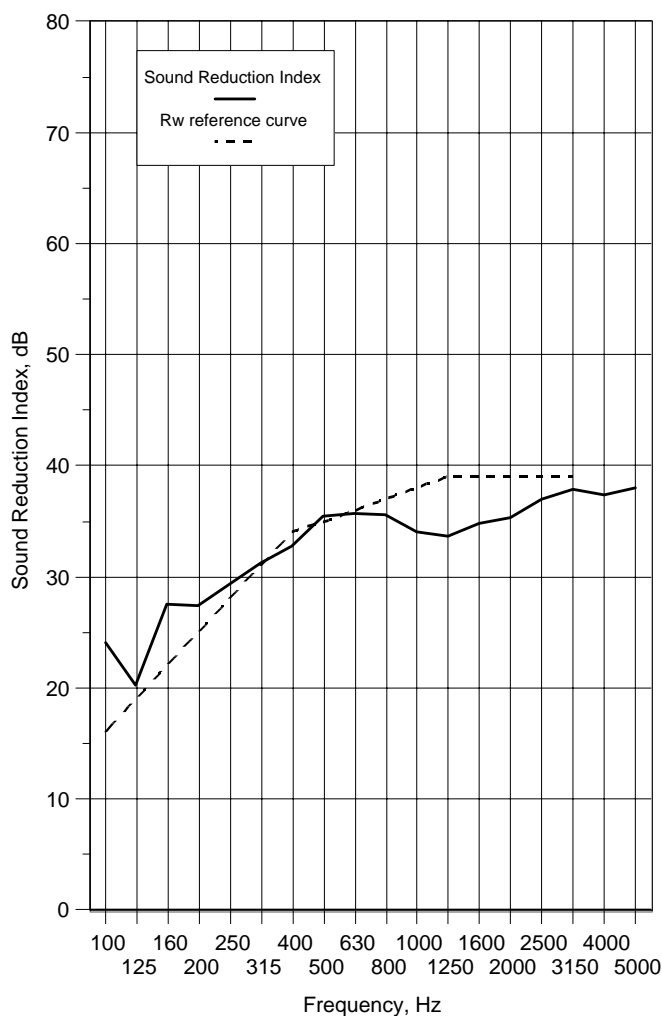
Drawings are for indication of acoustic's only not fire, the correct configuration of fire seals must be added to achieve the required fire rating for the core.  
Vision Panel Area to be minimum area of 8% of the door & maximum of 25% of the door.

Above drawings are indicative only

## Data Sheet 17

<b>Test Number :</b>	18	<b>Air temperature:</b>	21 °C
<b>Client:</b>	Doorset Global Solutions Ltd	<b>Air humidity:</b>	59 %
<b>Test Date:</b>	13/08/2009	<b>Receiving room volume:</b>	300 m3
<b>Sample height:</b>	2.102 m	<b>Source room volume:</b>	115 m3
<b>Sample width:</b>	1.03 m	<b>Sample weight:</b>	29.1 kg/m2
<b>Product</b>	Pair Strebord 44mm with 25% 15mm Pyrostop		
<b>Identification:</b>	Perimeter seals : DGS Corner Seal & DGS Intumescent / Side Flipper		
	Threshold seal : DGS Top 37 Automatic Threshold Seal		
	Meeting stile seal : DGS Astragal Seal & DGS Intumescent / Twin Seal		

Freq f Hz	Sound Reduction Index, dB	
	1/3 Oct	1/1 Oct
50+	28.4	24.9
63+	26.8	
80+	22.1	
100	24.1	23.0
125	20.2	
160	27.5	
200	27.4	29.0
250	29.3	
315	31.3	
400	32.8	34.5
500	35.5	
630	35.7	
800	35.6	34.4
1000	34.0	
1250	33.7	
1600	34.8	35.6
2000	35.3	
2500	37.0	
3150	37.9	37.7
4000	37.4	
5000	38.0	
6300+	39.8	41.0
8000+	40.9	
10000+	42.9	
Average 100-3150	32.0	



Rating according to BS EN ISO 717-1:1997

Rw(C;Ctr)= **35 (-1;-3)** dB

Notes : \* designates measurement corrected for background

# designates limit of measurement due to background

+ designates frequency beyond standard and not UKAS accredited

v1.6