

**Core:- 54mm Flamebreak**  
**Configuration:- Pair**  
**Action:- Single Action**  
**Vision Panel:- 7mm Glass**  
**UKAS Test House :- SRL Technical Services Limited**  
**Certificate Number:- C/21290/R01**  
**Test Number:- 031**

**Acoustic Rating:- Rw 36dB**

**Please Note:-**

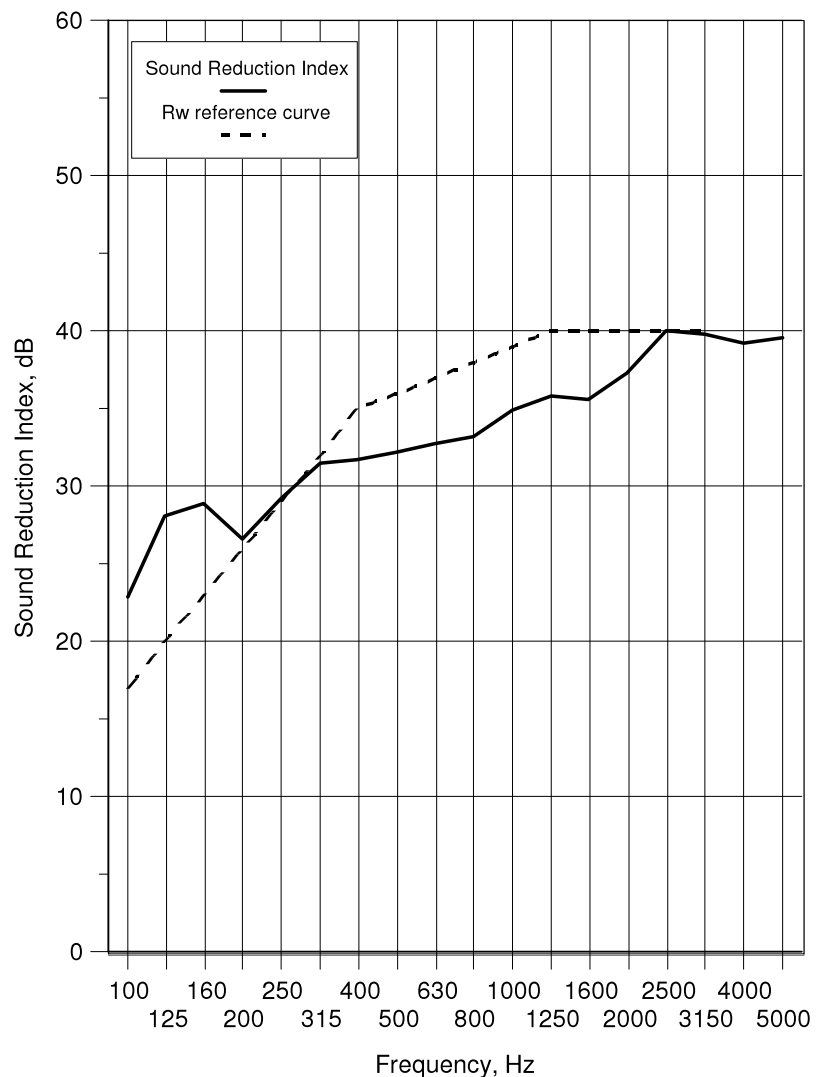
**Drawings are for indication of acoustic's only not fire, the correct configuration of fire seals must be added to achieve the required fire rating for the core.  
Vision Panel Area to be minimum area of 8% of the door & maximum of 25% of the door.**

**Above drawings are indicative only**

## Test Number 31

<b>Test Number :</b>	31	<b>Air temperature:</b>	19.2 °C
<b>Client:</b>	Midland Building Products Ltd	<b>Air humidity:</b>	62 %
<b>Test Date:</b>	12/08/2010	<b>Receiving room volume</b>	300 m3
<b>Sample height:</b>	1.975 m	<b>Source room volume:</b>	115 m3
<b>Sample width:</b>	0.886 m	<b>Sample weight:</b>	30.1 kg/m2
<b>Product</b>	Pair Flamebreak 54mm, 25% Pyrostem		
<b>Identification:</b>	FAS 35 perimeter seal		
	FAS 45 Automatic drop-down seal		
	FAS Single action meeting stile seal		

Freq f Hz	Sound Reduction Index, dB	
	1/3 Oct	1/1 Oct
50+	22.0	21.7
63+	26.9	
80+	19.2	
100	22.9	25.8
125	28.1	
160	28.9	
200	26.7	28.8
250	29.3	
315	31.5	
400	31.8	32.2
500	32.2	
630	32.8	
800	33.2	34.5
1000	34.9	
1250	35.9	
1600	35.6	37.3
2000	37.3	
2500	40.1	
3150	39.8	39.6
4000	39.3	
5000	39.6	
6300+	42.1	42.4
8000+	43.2	
10000+	42.1	
Average 100-3150	32.6	Version v1.7



Rating according to BS EN ISO 717-1:1997  
 Rw(C;Ctr)= **36 (-1;-3) dB**

\* shows measurement corrected for background  
 # shows limit of measurement due to background  
 + shows frequency beyond standard and not UKAS accredited