

**Core:- 44mm Flamebreak**  
**Configuration:- Single**  
**Action:- Single Action**  
**Vision Panel:- NA**  
**UKAS Test House :- SRL Technical Services Limited**  
**Certificate Number:- C/21290/R01**  
**Test Number:- 009**

**Acoustic Rating:- Rw 30dB**

**Please Note:-**

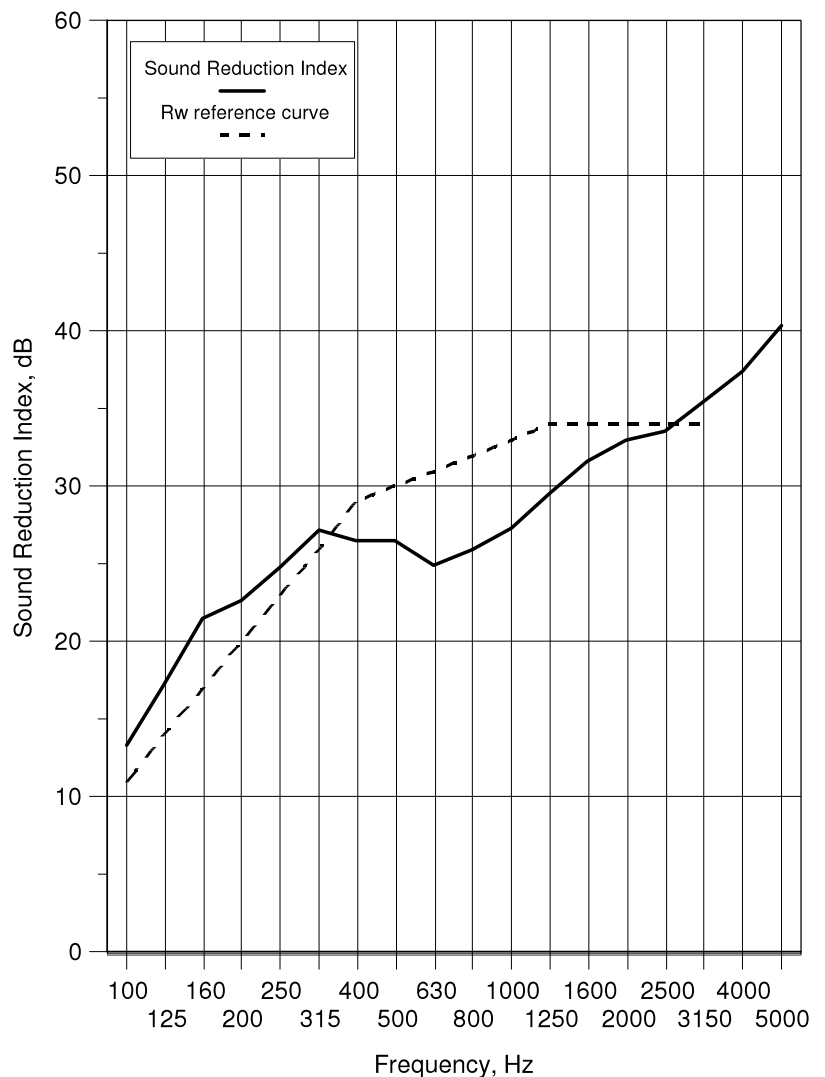
**Drawings are for indication of acoustic's only not fire, the correct configuration of fire seals must be added to achieve the required fire rating for the core.**

**Above drawings are indicative only**

## Test Number 9

<b>Test Number :</b>	9	<b>Air temperature:</b>	18 °C
<b>Client:</b>	Midland Building Products Ltd	<b>Air humidity:</b>	70 %
<b>Test Date:</b>	09/06/2010	<b>Receiving room volume</b>	300 m3
<b>Sample height:</b>	2.122 m	<b>Source room volume:</b>	115 m3
<b>Sample width:</b>	1.01 m	<b>Sample weight:</b>	16.5 kg/m2
<b>Product</b>	Single Flamebreak 44mm		
<b>Identification:</b>	FAS 35 perimeter seal		
	FAS 45 automatic drop-down seal		

Freq f Hz	Sound Reduction Index, dB	
	1/3 Oct	1/1 Oct
50+	21.2	11.4
63+	12.0	
80+	8.3	
100	13.4	16.2
125	17.2	
160	21.5	
200	22.7	24.6
250	24.8	
315	27.2	
400	26.5	25.9
500	26.5	
630	24.9	
800	26.0	27.4
1000	27.3	
1250	29.6	
1600	31.7	32.7
2000	33.0	
2500	33.6	
3150	35.5	37.3
4000	37.4	
5000	40.4	
6300+	42.5	42.1
8000+	42.7	
10000+	41.2 *	
Average 100-3150	26.3	Version v1.7



Rating according to BS EN ISO 717-1:1997  
 Rw(C;Ctr)= **30 (-2;-4) dB**

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