

Core:- 54mm Flamebreak  
Configuration:- Single  
Action:- Single Action  
Vision Panel:- NA  
UKAS Test House :- SRL Technical Services Limited  
Certificate Number:- C/21290/R01  
Test Number:- 016

**Acoustic Rating:- Rw 32dB**

Please Note:-

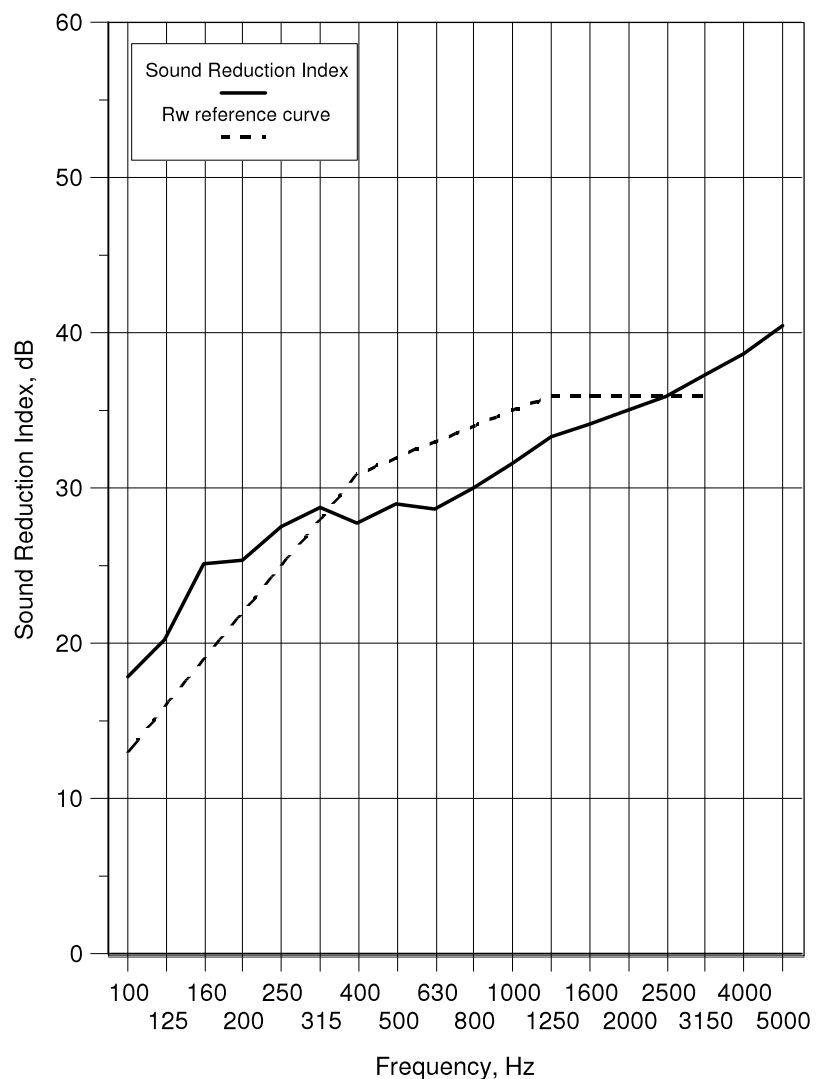
Drawings are for indication of acoustic's only not fire, the correct configuration of fire seals must be added to achieve the required fire rating for the core.

Above drawings are indicative only

## Test Number 16

<b>Test Number :</b>	16	<b>Air temperature:</b>	18.7 °C
<b>Client:</b>	Midland Building Products Ltd	<b>Air humidity:</b>	71 %
<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>	25.2 kg/m2
<b>Product</b>	Single Flamebreak 54mm		
<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+	23.4	15.4
63+	15.7	
80+	12.5	
100	17.9	20.2
125	20.3	
160	25.2	
200	25.4	27.0
250	27.5	
315	28.8	
400	27.8	28.5
500	29.0	
630	28.7	
800	30.0	31.5
1000	31.7	
1250	33.3	
1600	34.1	35.0
2000	35.1	
2500	36.0	
3150	37.3	38.6
4000	38.7	
5000	40.5	
6300+	42.5	42.1
8000+	43.0	
10000+	41.1 *	
Average 100-3150	29.3	Version v1.7



Rating according to BS EN ISO 717-1:1997  
 Rw(C;Ctr)= **32 ( 0;-3) dB**

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