

Core:- 44mm CF240 High Density Core  
Configuration:- Single  
Action:- Single Action  
Vision Panel:- NA  
UKAS Test House :- SRL Technical Services Limited  
Certificate Number:- C/21290/R01  
Test Number:- 005

**Acoustic Rating:- Rw 31dB**

Please Note:-

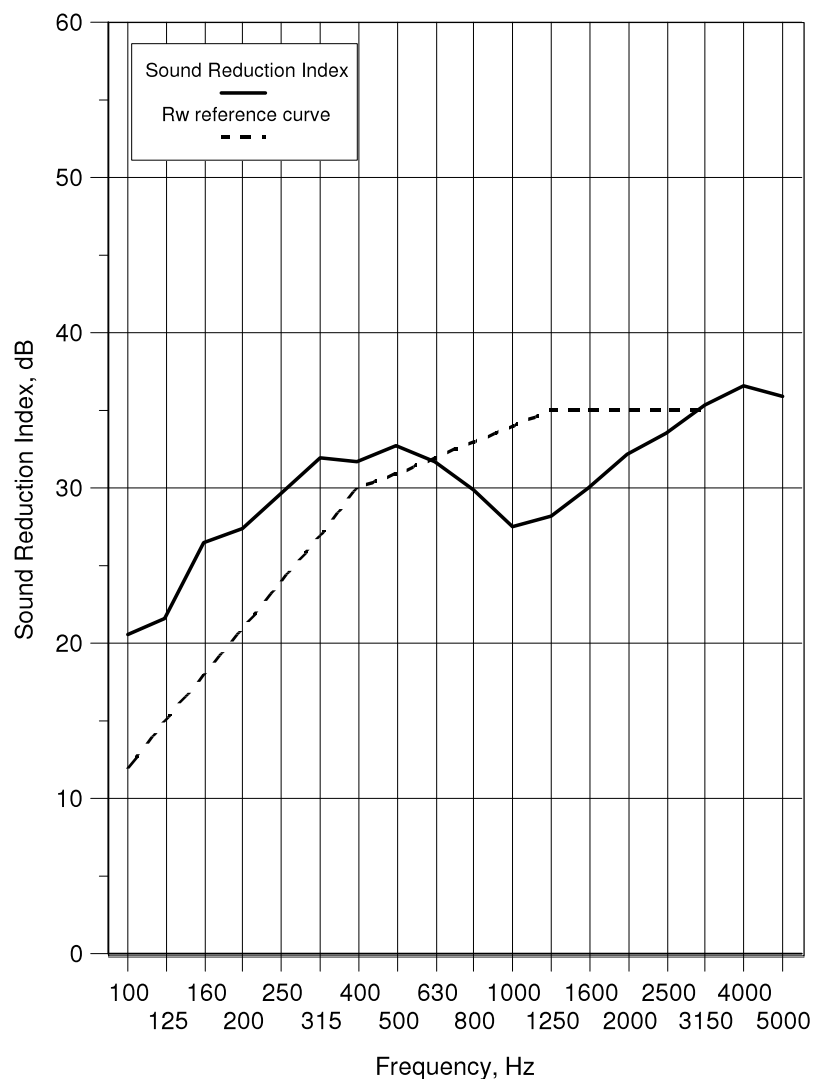
Drawings are for indication of acoustic's only not fire, the correct configuration of fire seals must be added to achieve the required fire rating for the core.

Above drawings are indicative only

## Test Number 5

<b>Test Number :</b>	5	<b>Air temperature:</b>	17.7 °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>	24 kg/m2
<b>Product</b>	Single Premdor 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+	16.8	17.1
63+	18.1	
80+	16.6	
100	20.6	22.3
125	21.7	
160	26.5	
200	27.4	29.3
250	29.7	
315	32.0	
400	31.8	32.1
500	32.8	
630	31.8	
800	29.9	28.4
1000	27.5	
1250	28.2	
1600	30.1	31.7
2000	32.2	
2500	33.6	
3150	35.4	36.0
4000	36.7	
5000	36.0	
6300+	38.6	39.6
8000+	39.4	
10000+	41.2 *	
Average 100-3150	29.5	Version v1.7



Rating according to BS EN ISO 717-1:1997  
 Rw(C;Ctr)= **31 (-1;-2) dB**

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