

Core:- 44mm Flamebreak  
Configuration:- Single  
Action:- Dual Action  
Vision Panel:- NA  
UKAS Test House :- SRL Technical Services Limited  
Certificate Number:- C/22478/T01  
Test Number:- 084

**Acoustic Rating:- Rw 29dB**

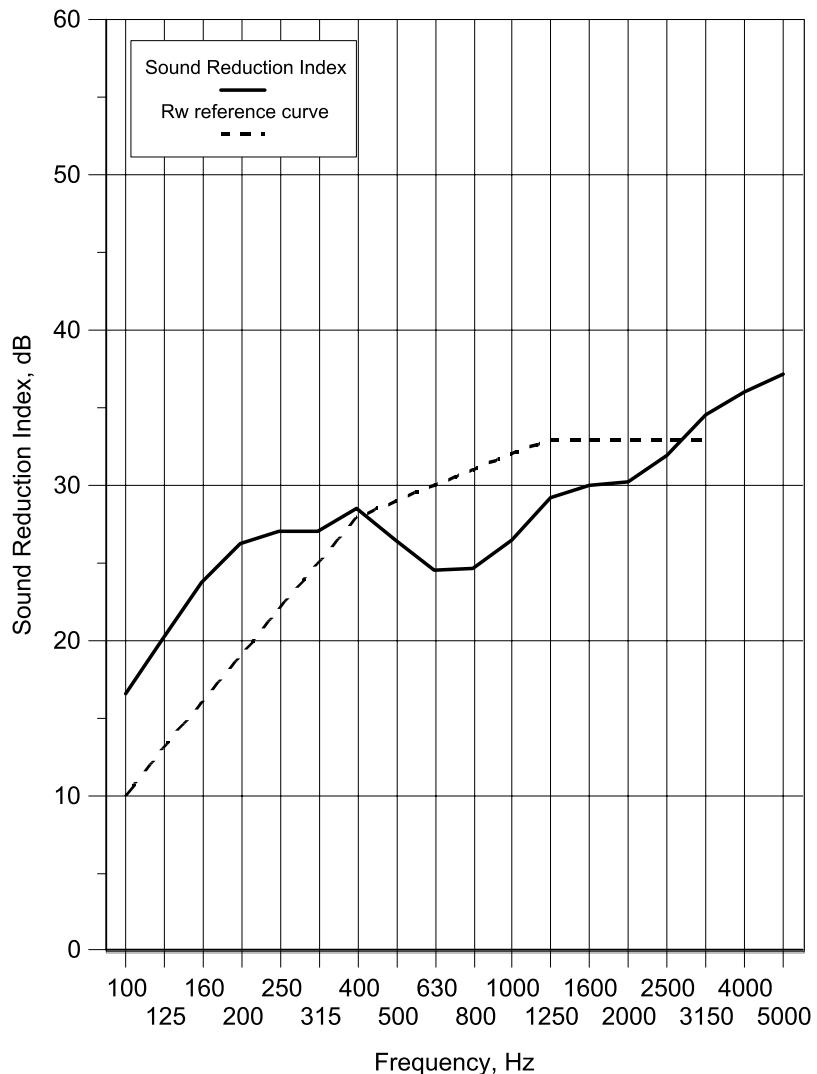
Please Note:-

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

<b>Test Number :</b>	84	<b>Test Room:</b>	<b>Source</b>	<b>Receiving</b>
<b>Client:</b>	Midland Building Products	<b>Air temperature:</b>	15.6 °C	15.6 °C
<b>Test Date:</b>	26/04/2013	<b>Air humidity:</b>	48 %	48 %
<b>Sample height:</b>	2.1 m	<b>Volume:</b>	115 m3	300 m3
<b>Sample width:</b>	1.002 m			
<b>Sample weight:</b>	18.502 kg/m2	<b>Air Pressure:</b>	1005 mbar	
<b>Product</b>	Single dual action 44mm Flamebreak/20mm lip			
<b>Identification:</b>	Perimeter seal=Lorient 15x4 dual seal + H25 Threshold seal=2 x Firtree + IS4050			

Freq f Hz	Sound Reduction Index, dB	
	1/3 Oct	1/1 Oct
50+	12.2	14.0
63+	16.9	
80+	14.2	
100	16.6	19.2
125	20.1	
160	23.7	
200	26.2	26.7
250	27.0	
315	27.0	
400	28.5	26.2
500	26.5	
630	24.5	
800	24.7	26.4
1000	26.5	
1250	29.2	
1600	30.0	30.6
2000	30.2	
2500	31.9	
3150	34.6	35.8
4000	36.0	
5000	37.2	
6300+	34.5	34.0
8000+	32.9	
10000+	34.8	
Average 100-3150	26.7	Version v2.0



Rating according to BS EN ISO 717-1:1997

Rw(C;Ctr)= **29 (-1;-2) dB**

\* shows measurement corrected for background

+ shows frequency beyond standard and not UKAS accredited