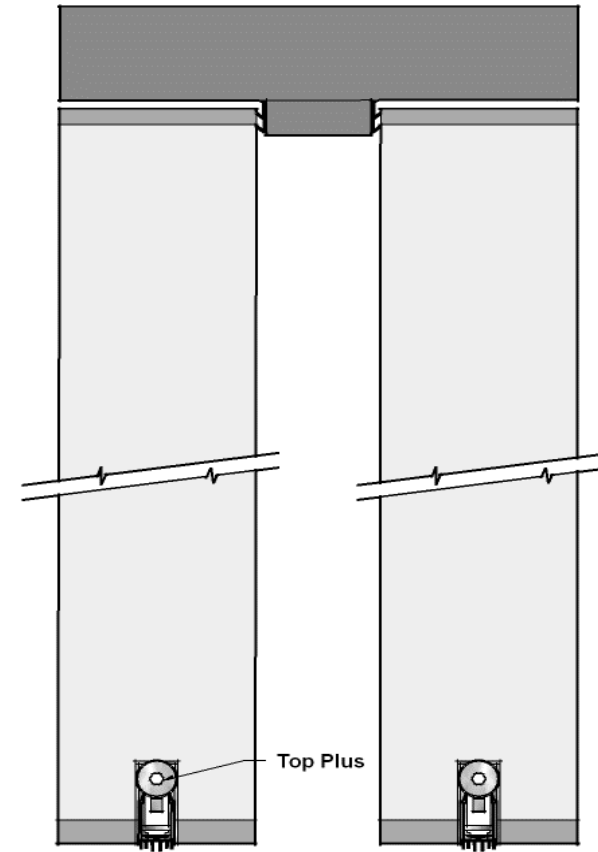


Core:- 44mm Premcor
Configuration:- Single (Back to Back)
Action:- Single Action
Vision Panel:- NA
UKAS Test House :- SRL Technical Services Limited
Certificate Number:- C/22478/T01
Test Number:- 081

Acoustic Rating:- Rw 45dB



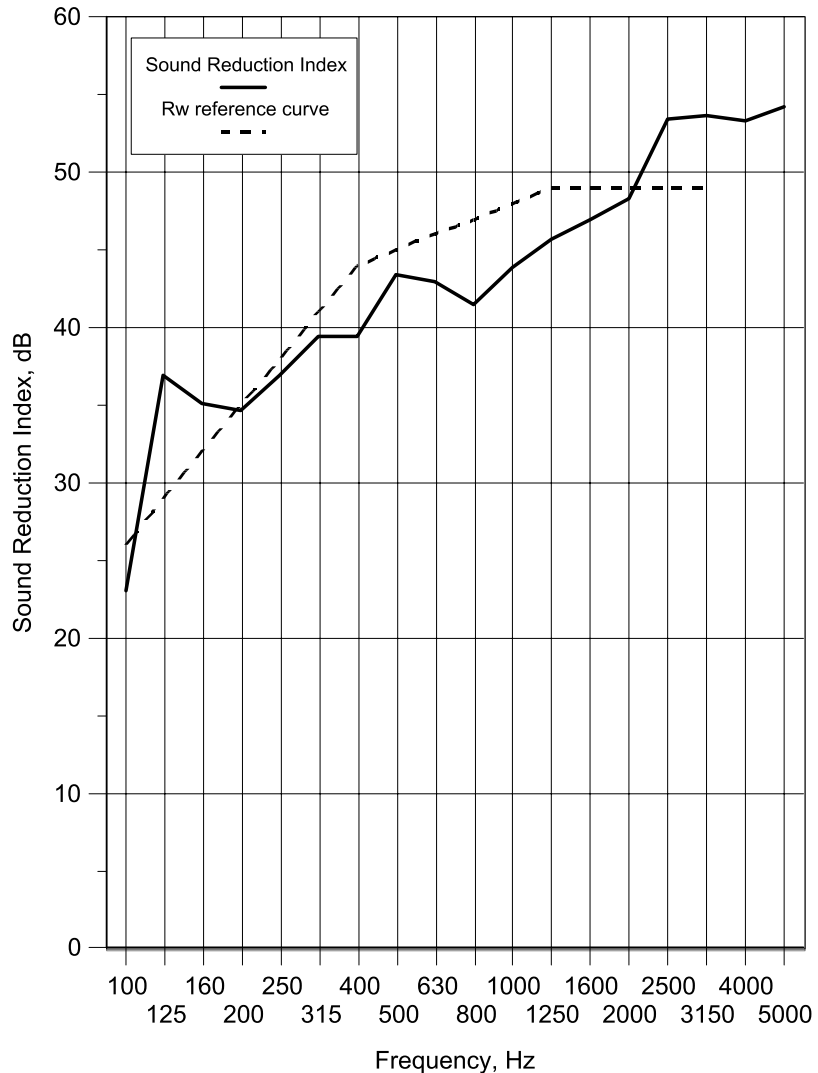
Please Note:-

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 :	81	Test Room:	Source	Receiving
Client:	Midland Building Products	Air temperature:	15.6 °C	15.6 °C
Test Date:	26/04/2013	Air humidity:	49 %	49 %
Sample height:	2.1 m	Volume:	115 m3	300 m3
Sample width:	1.002 m			
Sample weight:	n/a kg/m2	Air Pressure:	1006 mbar	
Product	Two flush back to back 44mm Premcor			
Identification:	Perimeter seal=FAS PER 35 Threshold seal=Top Plus			

Freq f Hz	Sound Reduction Index, dB	
	1/3 Oct	1/1 Oct
50+	23.3	22.6
63+	20.1	
80+	27.2	
100	23.0	27.3
125	36.9	
160	35.1	
200	34.7	36.7
250	37.0	
315	39.4	
400	39.5	41.6
500	43.4	
630	43.0	
800	41.5	43.4
1000	43.9	
1250	45.7	
1600	47.0	48.8
2000	48.3	
2500	53.5	
3150	53.7	53.7
4000	53.3	
5000	54.2	
6300+	58.9	42.9
8000+	47.6	
10000+	38.7	
Average 100-3150	41.6	Version v2.0



Rating according to BS EN ISO 717-1:1997

Rw(C;Ctr)= **45 (-1;-5) dB**

* shows measurement corrected for background

+ shows frequency beyond standard and not UKAS accredited