

Core:- 54mm Vicaima  
Configuration:- Single  
Action:- Single Action  
Vision Panel:- NA  
UKAS Test House :- SRL Technical Services Limited  
Certificate Number:- C/22478/T01  
Test Number:- 050

**Acoustic Rating:- Rw 32dB**

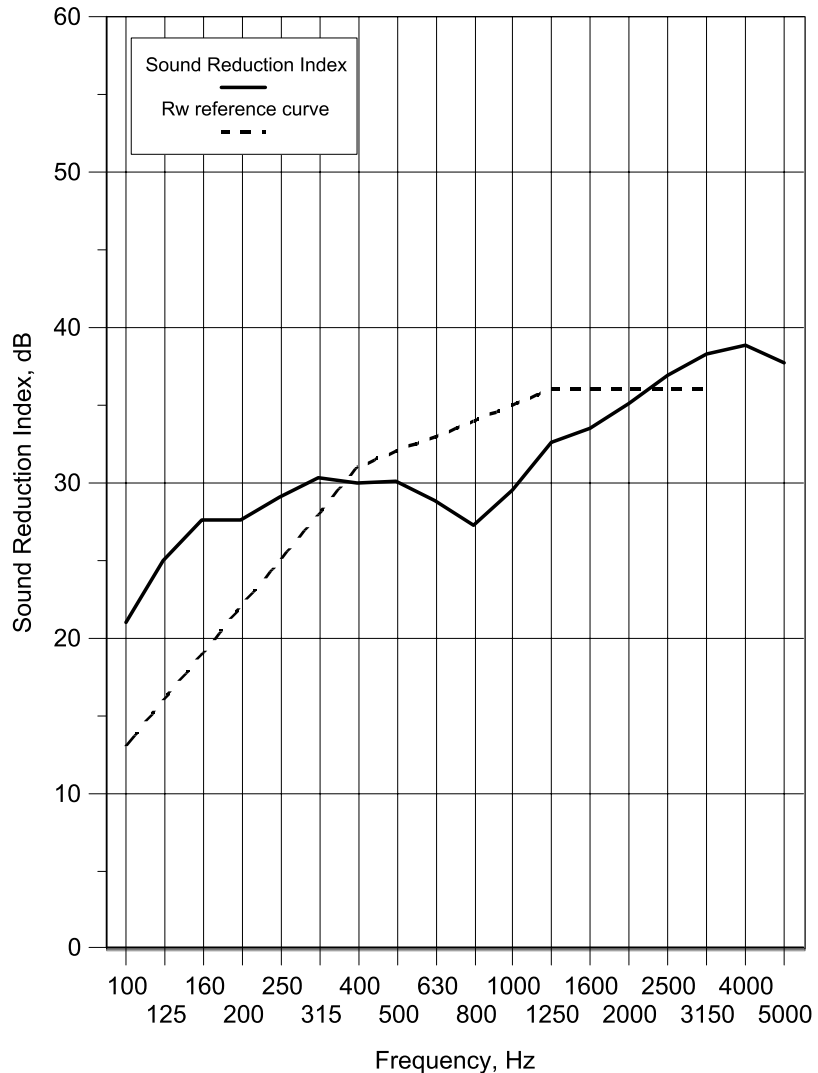
Please Note:-

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

<b>Test Number :</b>	50	<b>Test Room:</b>	<b>Source</b>	<b>Receiving</b>
<b>Client:</b>	Midland Building Products	<b>Air temperature:</b>	16.3 °C	16.3 °C
<b>Test Date:</b>	25/04/2013	<b>Air humidity:</b>	69 %	69 %
<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>	34.186 kg/m2	<b>Air Pressure:</b>	1013 mbar	
<b>Product</b>	Single 54mm Vicaima			
<b>Identification:</b>	Perimeter seal=FAS PER 35 Threshold seal=Top Plus			

Freq f Hz	Sound Reduction Index, dB	
	1/3 Oct	1/1 Oct
50+	17.8	16.8
63+	17.7	
80+	15.4	
100	21.0	23.7
125	25.0	
160	27.6	
200	27.6	28.9
250	29.1	
315	30.3	
400	30.0	29.7
500	30.1	
630	28.9	
800	27.3	29.3
1000	29.6	
1250	32.6	
1600	33.5	35.0
2000	35.1	
2500	37.0	
3150	38.3	38.3
4000	38.9	
5000	37.7	
6300+	39.7	38.9
8000+	39.8	
10000+	37.5	
Average 100-3150	30.2	Version v2.0



Rating according to BS EN ISO 717-1:1997

Rw(C;Ctr)= **32 ( 0;-2) dB**

\* shows measurement corrected for background

+ shows frequency beyond standard and not UKAS accredited