

Core:- 54mm TriSound (Up to FD30)  
Configuration:- Pair  
Action:- Single Action  
Vision Panel:- NA  
UKAS Test House :- SRL Technical Services Limited  
Certificate Number:- C/22478/T01  
Test Number:- 071

**Acoustic Rating:- Rw 38dB**

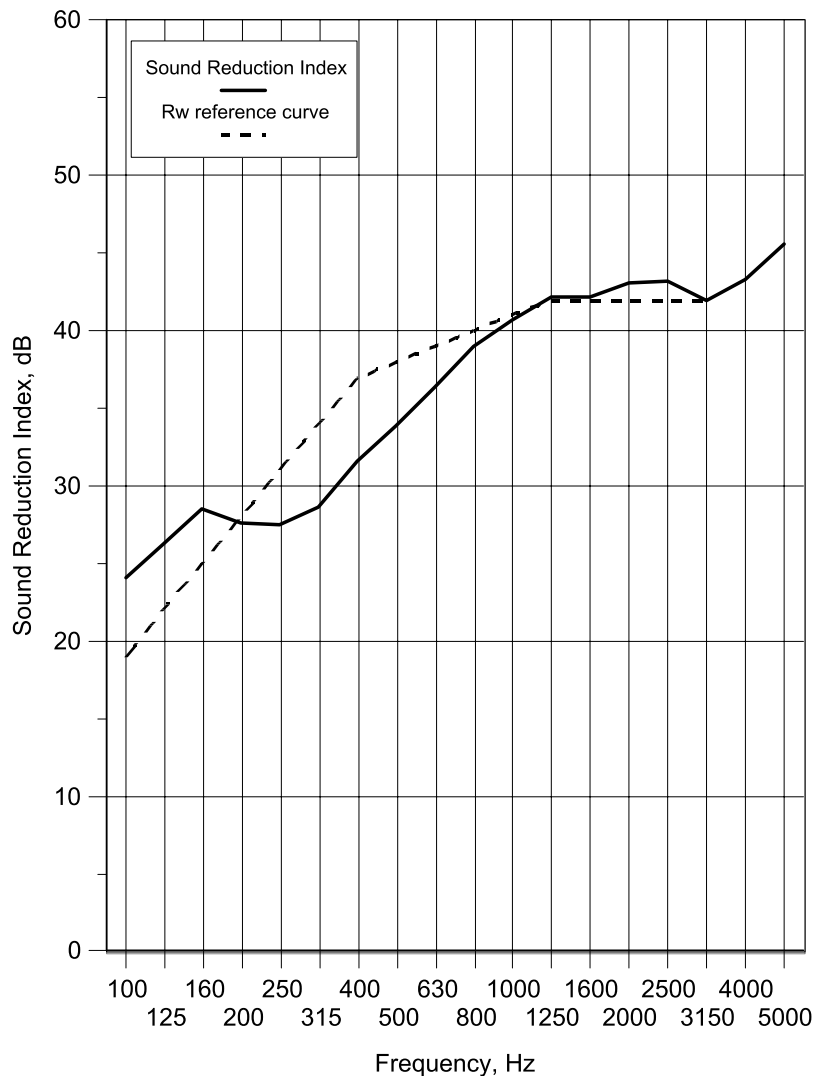
Please Note:-

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>	71	<b>Test Room:</b>	<b>Source</b>	<b>Receiving</b>
<b>Client:</b>	Midland Building Products	<b>Air temperature:</b>	15.9 °C	15.9 °C
<b>Test Date:</b>	26/04/2013	<b>Air humidity:</b>	55 %	55 %
<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>	31.368 kg/m2	<b>Air Pressure:</b>	1008 mbar	
<b>Product</b>	Pair 54mm Tri-Core			
<b>Identification:</b>	Perimeter seal=FAS PER 35			
	Threshold seal=Top Plus			
	Meeting stile seal=15x4 Dual Seal			

Freq f Hz	Sound Reduction Index, dB	
	1/3 Oct	1/1 Oct
50+	25.2	24.8
63+	26.9	
80+	23.0	
100	24.1	25.9
125	26.2	
160	28.5	
200	27.6	27.9
250	27.5	
315	28.6	
400	31.6	33.5
500	33.9	
630	36.4	
800	39.0	40.4
1000	40.7	
1250	42.2	
1600	42.2	42.8
2000	43.1	
2500	43.2	
3150	42.0	43.4
4000	43.3	
5000	45.6	
6300+	48.1	41.0
8000+	44.3	
10000+	37.3	
Average 100-3150	34.8	Version v2.0



Rating according to BS EN ISO 717-1:1997

Rw(C;Ctr)= **38 (-1;-4) dB**

\* shows measurement corrected for background

+ shows frequency beyond standard and not UKAS accredited