

**Core:- 54mm TriSound (Up to FD30)**  
**Configuration:- Single**  
**Action:- Single Action**  
**Vision Panel:- NA**  
**UKAS Test House :- SRL Technical Services Limited**  
**Certificate Number:- C/22478/T01**  
**Test Number:- 046**

**Acoustic Rating:- Rw 40dB**

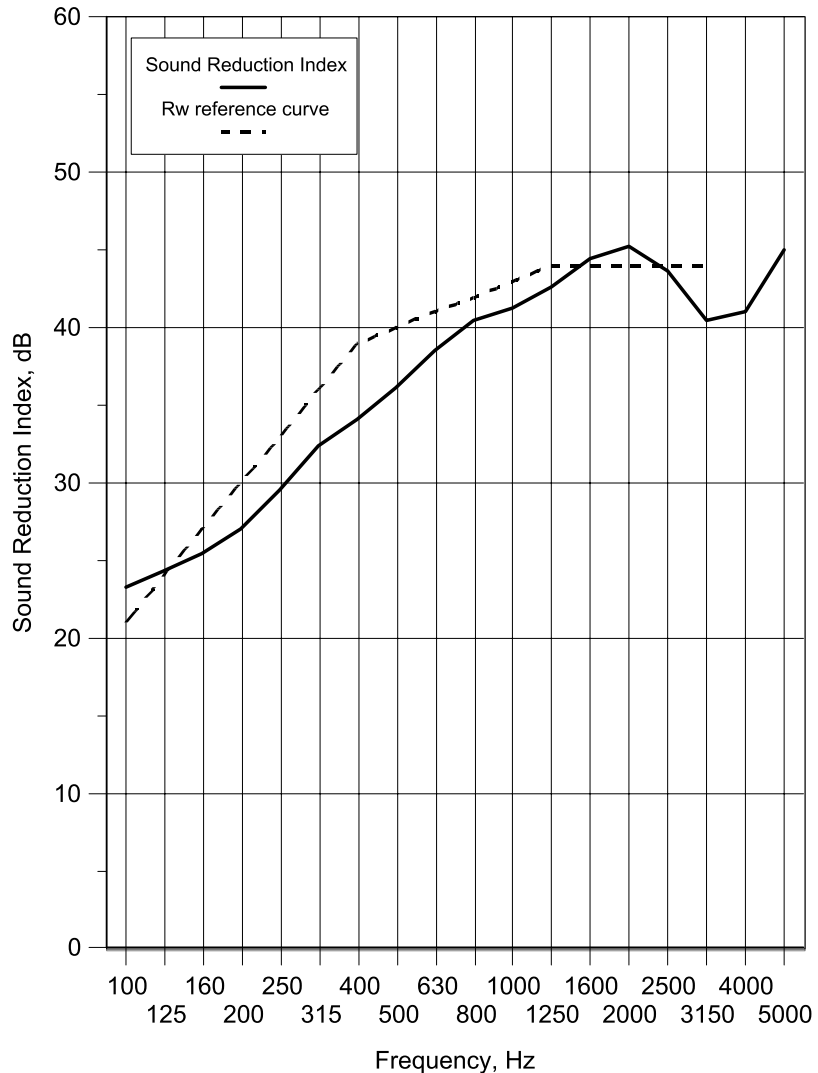
**Please Note:-**

**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>	46	<b>Test Room:</b>	<b>Source</b>	<b>Receiving</b>
<b>Client:</b>	Midland Building Products	<b>Air temperature:</b>	16.2 °C	16.2 °C
<b>Test Date:</b>	25/04/2013	<b>Air humidity:</b>	65 %	65 %
<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>	31.102 kg/m2	<b>Air Pressure:</b>	1014 mbar	
<b>Product</b>	Single 54mm Tri-Core			
<b>Identification:</b>	Perimeter seal=FAS PER 35/Dual seal in frame Threshold seal=Top Plus			

Freq f Hz	Sound Reduction Index, dB	
	1/3 Oct	1/1 Oct
50+	26.3	24.3
63+	27.2	
80+	21.6	
100	23.3	24.3
125	24.3	
160	25.5	
200	27.0	29.1
250	29.5	
315	32.4	
400	34.1	35.9
500	36.1	
630	38.5	
800	40.5	41.4
1000	41.3	
1250	42.6	
1600	44.5	44.4
2000	45.2	
2500	43.7	
3150	40.5	41.7
4000	41.0	
5000	45.0	
6300+	48.4	43.9
8000+	46.6	
10000+	40.7	
<b>Average 100-3150</b>	35.6	<b>Version v2.0</b>



Rating according to BS EN ISO 717-1:1997

Rw(C;Ctr)= **40 (-2;-5) dB**

\* shows measurement corrected for background

+ shows frequency beyond standard and not UKAS accredited