

Core:- 54mm TriSound (Up to FD30)
Configuration:- Single
Action:- Single Action
Vision Panel:- 15mm Glass
UKAS Test House :- SRL Technical Services Limited
Certificate Number:- C/22478/T01
Test Number:- 048

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.
Vision Panel Area to be minimum area of 8% of the door & maximum of 25% of the door.**

Above drawings are indicative only

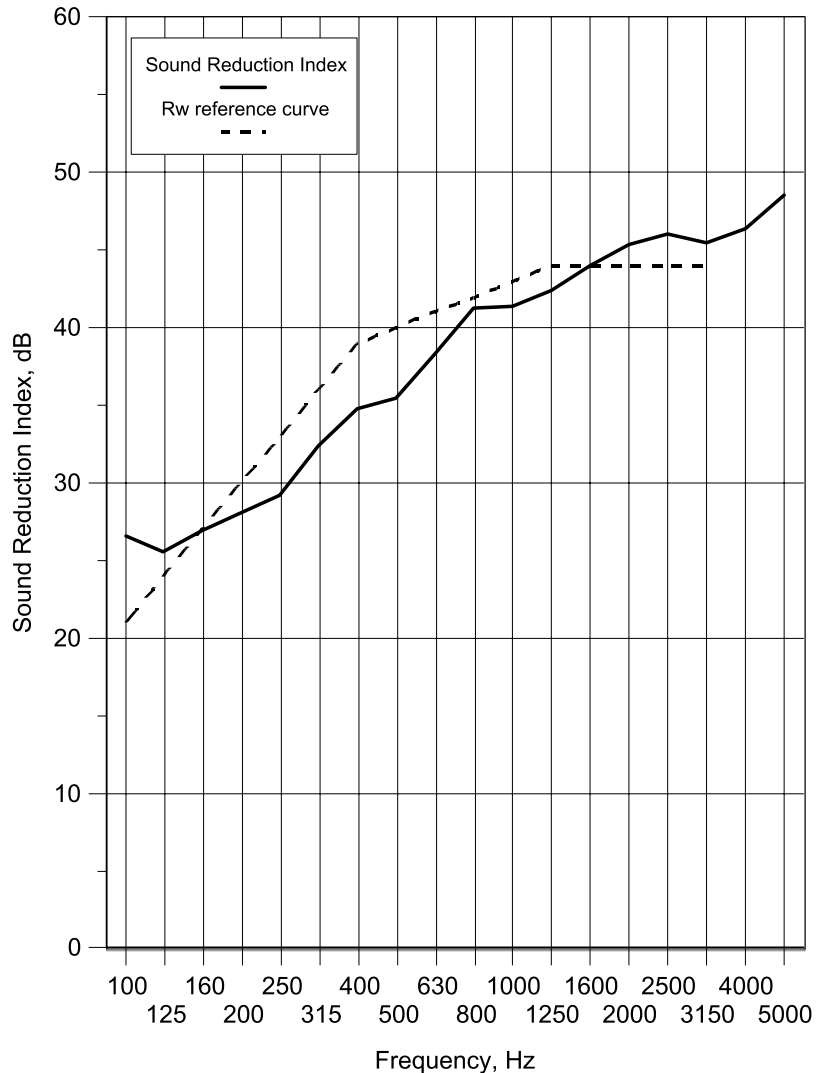
Test Number : 48
Client: Midland Building Products
Test Date: 25/04/2013
Sample height: 2.1 m
Sample width: 1.002 m
Sample weight: 34.186 kg/m2
Product Single 54mm Tri-Core. Glazing=16.8 Opti-phon
Identification: Perimeter seal=FAS PER 35/Dual seal in frame
Threshold seal=Top Plus

Test Room:
Air temperature: 16.2 °C
Air humidity: 66 %
Volume: 115 m3

Receiving
16.2 °C
66 %
300 m3

Air Pressure: 1014 mbar

Freq f Hz	Sound Reduction Index, dB	
	1/3 Oct	1/1 Oct
50+	29.7	25.8
63+	29.4	
80+	22.5	
100	26.6	26.3
125	25.6	
160	26.9	
200	28.1	
250	29.2	29.5
315	32.4	
400	34.8	
500	35.5	36.0
630	38.3	
800	41.3	
1000	41.4	41.7
1250	42.4	
1600	44.0	
2000	45.4	45.0
2500	46.0	
3150	45.5	
4000	46.4	46.7
5000	48.6	
6300+	51.1	
8000+	47.3	44.4
10000+	40.8	
Average 100-3150	36.5	Version v2.0



Rating according to BS EN ISO 717-1:1997

Rw(C;Ctr)= **40 (-1;-4) dB**

* shows measurement corrected for background

+ shows frequency beyond standard and not UKAS accredited