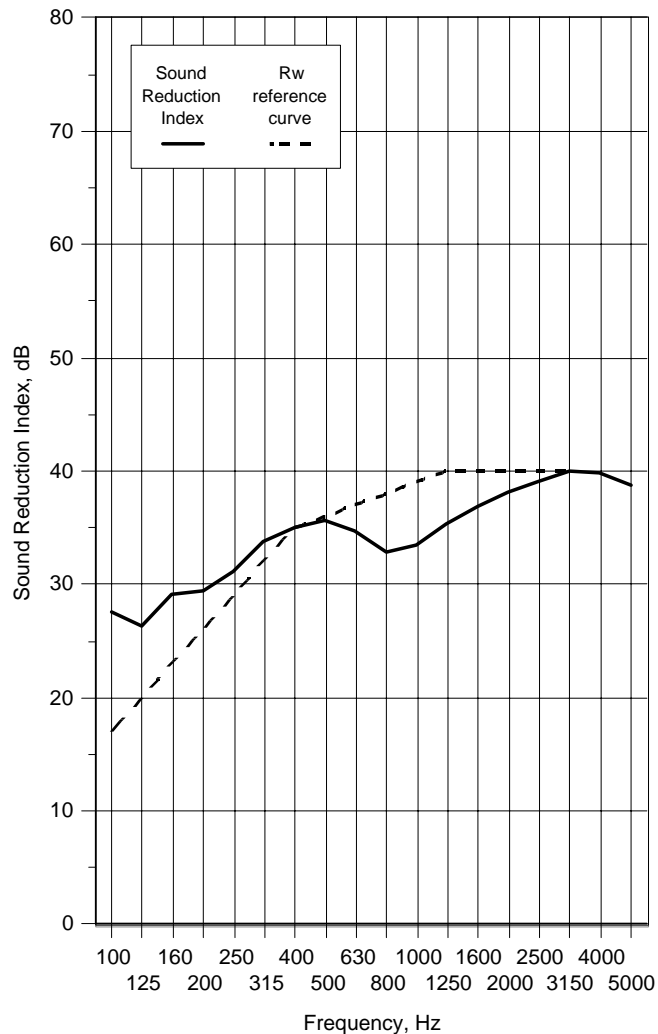


Data Sheet 5

Test Number : 6
Client: Safe Hinge Ltd
Test Date: 21/04/2009
Sample height: 2.2 m
Sample width: 1.04 m
Product 54mm Halspan door with glazing (1500x350mm)
Identification: Seals: Threshold - double Lorient IS 1511 fir tree. Head & Closing Jamb - Thermablade & NOR 710. Hanging Jamb - Thermablade & single Lorient IS 1511 fir tree
Air temperature: 17.4 °C
Air humidity: 58 %
Receiving room volume 300 m3
Source room volume: 115 m3
Door weight: 80.6 kg

Freq f Hz	Sound Reduction Index, dB	
	1/3 Oct	1/1 Oct
50+	29.7 *	27.7
63+	26.6	
80+	27.5	
100	27.6	27.5
125	26.3	
160	29.2	
200	29.5	31.1
250	31.1	
315	33.8	
400	35.1	35.1
500	35.6	
630	34.7	
800	32.8	33.7
1000	33.5	
1250	35.3	
1600	36.9	38.0
2000	38.1	
2500	39.1	
3150	40.0	39.5
4000	39.9	
5000	38.7	
6300+	41.5	43.1
8000+	43.5	
10000+	45.0 *	
Average 100-3150	33.7	



Rating according to BS EN ISO 717-1:1997

Rw(C;Ctr) = **36 (-1;-2)** dB

Notes * designates measurement corrected for background

designates limit of measurement due to background

+ designates frequency beyond standard and not UKAS accredited

v1.6

