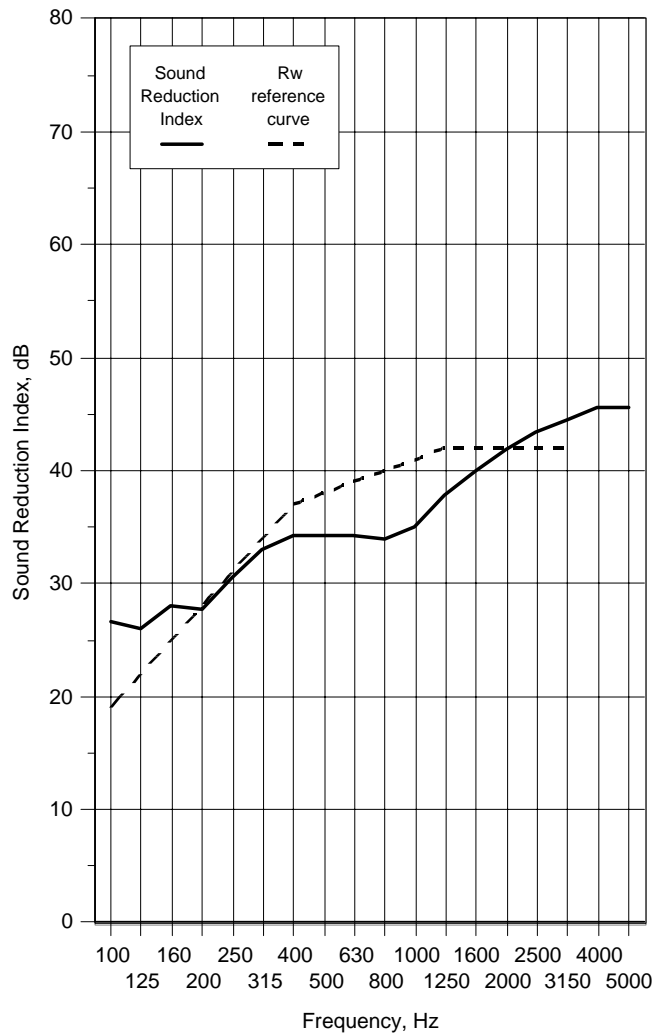


## Data Sheet 1

**Test Number :** 2  
**Client:** Safe Hinge Ltd  
**Test Date:** 21/04/2009  
**Sample height:** 2.2 m  
**Sample width:** 1.04 m  
**Product** 54mm Blankfort 60 door with glazing (1500x350mm)  
**Identification:** Seals: Threshold - double Lorient IS 1511 fir tree. Head & Closing Jambs - Thermablade & NOR 710. Hanging Jambs - Thermablade & single Lorient IS 1511 fir tree  
**Air temperature:** 17.1 °C  
**Air humidity:** 56 %  
**Receiving room volume** 300 m<sup>3</sup>  
**Source room volume:** 115 m<sup>3</sup>  
**Door weight:** 73.9 kg

Freq f Hz	Sound Reduction Index, dB	
	1/3 Oct	1/1 Oct
50+	29.0	26.0
63+	24.3	
80+	26.0	26.8
100	26.6	
125	26.0	29.9
160	28.0	
200	27.7	34.2
250	30.5	
315	33.0	35.4
400	34.2	
500	34.2	41.5
630	34.3	
800	34.0	45.2
1000	35.1	
1250	37.9	48.3
1600	40.0	
2000	41.8	49.9
2500	43.4	
3150	44.5	48.3
4000	45.6	
5000	45.6	48.3
6300+	47.2	
8000+	48.3	48.3
10000+	49.9	
Average 100-3150	34.5	



Rating according to BS EN ISO 717-1:1997

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

Notes \* designates measurement corrected for background

# designates limit of measurement due to background

+ designates frequency beyond standard and not UKAS accredited

v1.6

## Drawing 1

