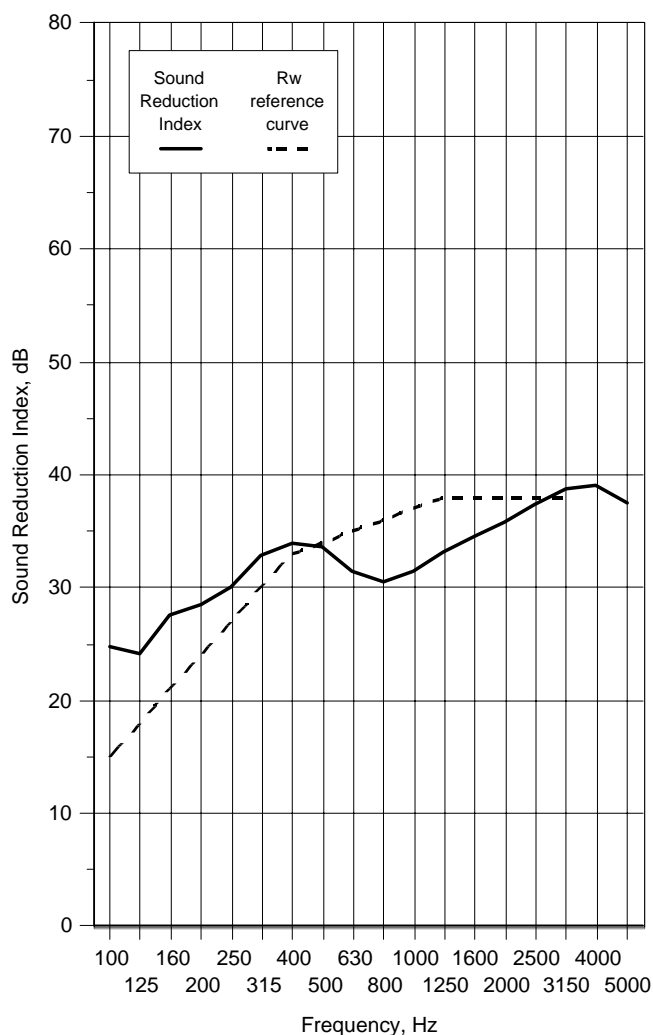


## Data Sheet 9

**Test Number :** 11 **Air temperature:** 17.4 °C  
**Client:** Safe Hinge Ltd **Air humidity:** 59 %  
**Test Date:** 21/04/2009 **Receiving room volume** 300 m3  
**Sample height:** 2.2 m **Source room volume:** 115 m3  
**Sample width:** 1.04 m **Door weight:** 68 kg  
**Product** 54mm Halspan door with no glazing  
**Identification:** Seals: Threshold - double Lorient IS 1511 fir tree. Head & Closing Jamb - Thermablade & NOR 710. Hanging Jamb - Thermablade & single Lorient IS 1511 fir tree

Freq f Hz	Sound Reduction Index, dB	
	1/3 Oct	1/1 Oct
50+	24.5	23.0
63+	21.2	
80+	24.1	
100	24.7	25.3
125	24.2	
160	27.6	
200	28.5	30.1
250	30.1	
315	32.9	
400	33.9	32.8
500	33.6	
630	31.4	
800	30.6	31.6
1000	31.5	
1250	33.2	
1600	34.6	35.8
2000	35.8	
2500	37.4	
3150	38.7	38.4
4000	39.1	
5000	37.5	
6300+	40.7	42.0
8000+	42.1	
10000+	43.7	
Average 100-3150	31.8	



Rating according to BS EN ISO 717-1:1997

Rw(C;Ctr)= **34 (-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

## Drawing 5

