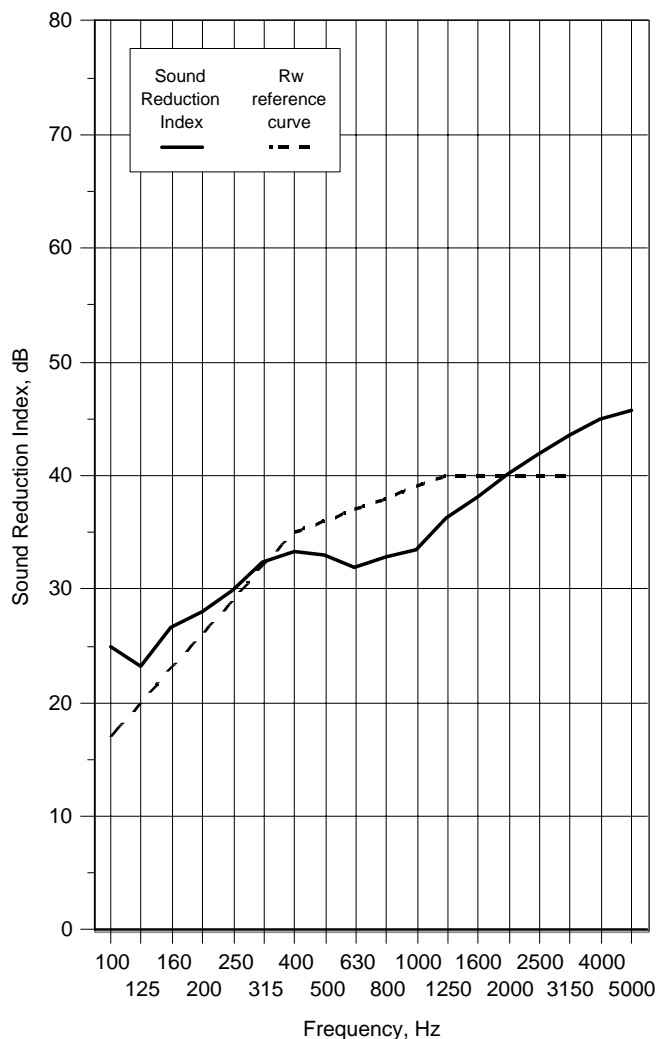


## Data Sheet 7

<b>Test Number :</b>	8	<b>Air temperature:</b>	17.4 °C
<b>Client:</b>	Safe Hinge Ltd	<b>Air humidity:</b>	58 %
<b>Test Date:</b>	21/04/2009	<b>Receiving room volume</b>	300 m3
<b>Sample height:</b>	2.2 m	<b>Source room volume:</b>	115 m3
<b>Sample width:</b>	1.04 m	<b>Door weight:</b>	62 kg
<b>Product</b>	54mm Blankfort door with no glazing		
<b>Identification:</b>	Seals: Threshold - double Lorient IS 1511 fir tree. Head & Closing Jambes - Thermablade & NOR 710. Hanging Jambes - Thermablade & single Lorient IS 1511 fir tree		

Freq f Hz	Sound Reduction Index, dB	
	1/3 Oct	1/1 Oct
50+	24.7	23.2
63+	21.6	
80+	24.0	
100	24.9	24.7
125	23.3	
160	26.7	
200	28.0	29.7
250	29.9	
315	32.4	
400	33.3	32.7
500	33.0	
630	31.9	
800	32.9	34.0
1000	33.5	
1250	36.3	
1600	38.2	39.8
2000	40.2	
2500	41.8	
3150	43.6	44.6
4000	44.9	
5000	45.7	
6300+	48.1	48.9
8000+	48.6 *	
10000+	50.3 *	
Average 100-3150	33.1	



Rating according to BS EN ISO 717-1:1997

Rw(C;Ctr)= **36 (-1;-3) 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 4

