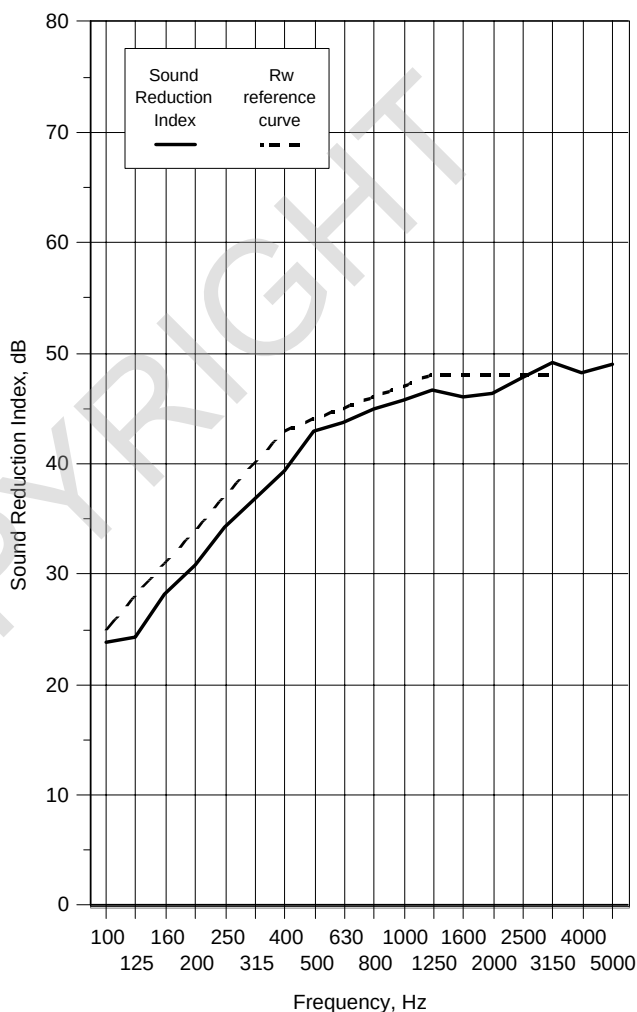


Data Sheet 4

Test Number : 5
Client: Lorient
Test Date: 04/11/2008
Sample height: 2.19 m
Sample width: 1.01 m
Product 54 S4K door
Identification: Perimeter seals=Lorient DS Combined Acoustic, Smoke & Fire seal + IS1010 batwing - Threshold=2xIS1511 Firtree & IS4015 threshold plate
Air temperature: 12.3 °C
Air humidity: 83 %
Receiving room volume 300 m3
Source room volume: 115 m3
Sample weight: 35.9 kg/m2

Freq f Hz	Sound Reduction Index, dB	
	1/3 Oct	1/1 Oct
50+	25.4	21.0
63+	24.9	
80+	17.5	
100	23.9	25.1
125	24.3	
160	28.2	
200	30.9	33.3
250	34.2	
315	36.8	
400	39.4	41.5
500	42.9	
630	43.7	
800	44.9	45.7
1000	45.8	
1250	46.7	
1600	46.0	46.7
2000	46.4	
2500	47.8	
3150	49.1	48.8
4000	48.3	
5000	49.0	
6300+	50.3	51.8
8000+	51.6	
10000+	54.5	
Average 100-3150	39.4	



Rating according to BS EN ISO 717-1:1997

Rw(C;Ctr)= **44 (-2;-6)** dB

Notes * designates measurement corrected for background

designates limit of measurement due to background

+ designates frequency beyond standard and not UKAS accredited

v1.6