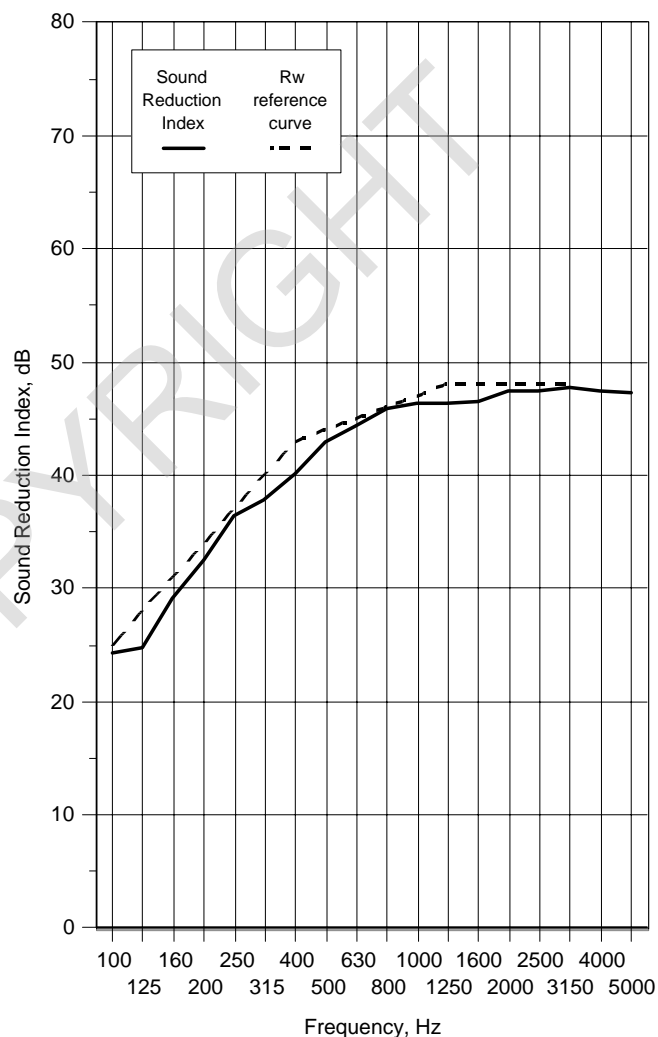


## Data Sheet 7

<b>Test Number :</b>	8	<b>Air temperature:</b>	12.3 °C
<b>Client:</b>	Lorient	<b>Air humidity:</b>	83 %
<b>Test Date:</b>	04/11/2008	<b>Receiving room volume</b>	300 m3
<b>Sample height:</b>	2.19 m	<b>Source room volume:</b>	115 m3
<b>Sample width:</b>	1.01 m	<b>Sample weight:</b>	38.1 kg/m2
<b>Product</b>	54 S4G door		
<b>Identification:</b>	Perimeter seals=Lorient DS Combined Acoustic, Smoke & Fire seal + IS1010 batwing - Threshold = 2x IS1511 Firtree & IS4015 threshold plate		

Freq f Hz	Sound Reduction Index, dB	
	1/3 Oct	1/1 Oct
50+	26.5	21.6
63+	24.9	
80+	18.2	
100	24.3	25.6
125	24.7	
160	29.2	
200	32.5	34.9
250	36.4	
315	37.8	
400	40.2	42.1
500	42.9	
630	44.3	
800	45.9	46.2
1000	46.3	
1250	46.3	
1600	46.5	47.1
2000	47.4	
2500	47.4	
3150	47.7	47.5
4000	47.5	
5000	47.3	
6300+	49.0	50.0
8000+	50.1	
10000+	51.2 *	
Average 100-3150	40.0	



Rating according to BS EN ISO 717-1:1997

Rw(C;Ctr)= **44 (-1;-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