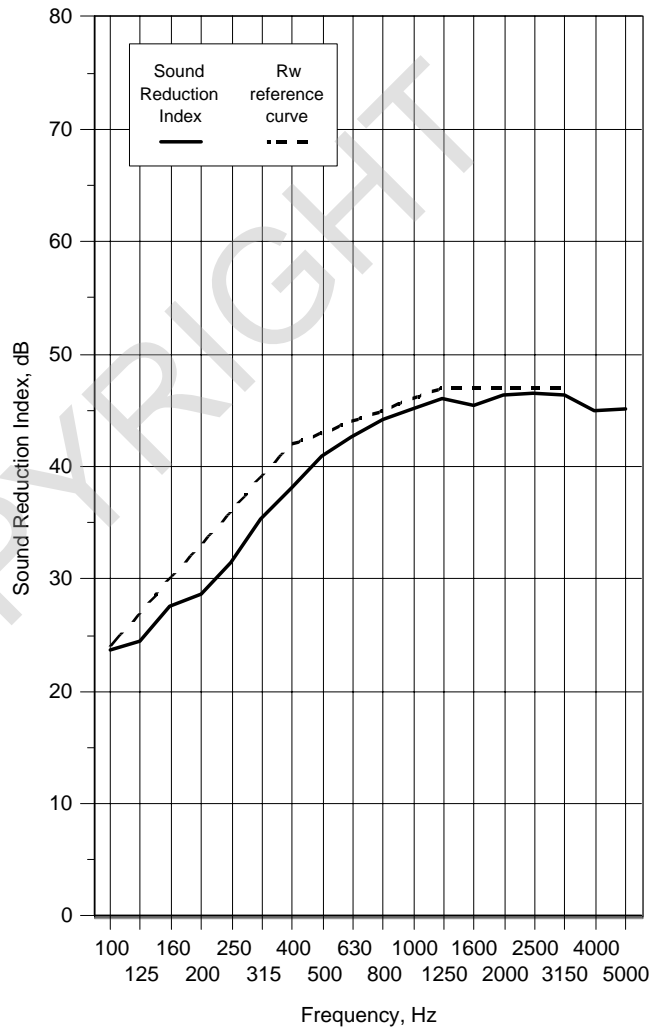


## Data Sheet 10

<b>Test Number :</b>	11	<b>Air temperature:</b>	12.1 °C
<b>Client:</b>	Lorient	<b>Air humidity:</b>	84 %
<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>	29.1 kg/m2
<b>Product</b>	44 S3K 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+	23.9	20.2
63+	23.3	
80+	17.1	24.9
100	23.7	
125	24.5	
160	27.5	31.0
200	28.6	
250	31.5	
315	35.3	40.2
400	38.2	
500	41.0	
630	42.6	
800	44.2	45.1
1000	45.2	
1250	46.0	
1600	45.5	
2000	46.3	46.1
2500	46.6	
3150	46.3	45.4
4000	44.9	
5000	45.1	
6300+	46.2	47.7
8000+	47.3	
10000+	50.7 *	
Average 100-3150	38.3	



Rating according to BS EN ISO 717-1:1997

Rw(C;Ctr)= **43 (-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