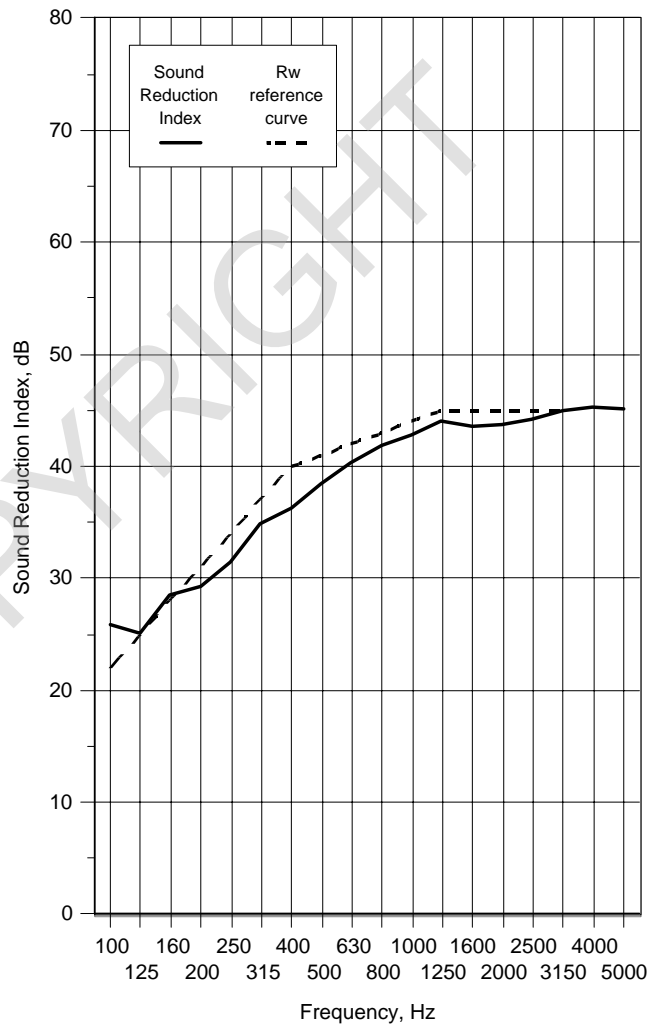


Data Sheet 14

Test Number :	16	Air temperature:	12.1 °C
Client:	Lorient	Air humidity:	84 %
Test Date:	04/11/2008	Receiving room volume	300 m ³
Sample height:	2.19 m	Source room volume:	115 m ³
Sample width:	1.01 m	Sample weight:	28.6 kg/m ²
Product	44 S3K door + 23mm pyrostop glass		
Identification:	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+	25.9	22.3
63+	24.5	
80+	19.4	
100	25.8	26.2
125	25.1	
160	28.5	31.3
200	29.3	
250	31.4	
315	34.9	38.0
400	36.2	
500	38.4	42.8
630	40.3	
800	41.8	
1000	42.8	43.8
1250	44.0	
1600	43.5	45.1
2000	43.7	
2500	44.2	
3150	44.9	46.9
4000	45.3	
5000	45.2	49.9 *
6300+	45.1	
8000+	46.8	
10000+	49.9	
Average 100-3150	37.2	



Rating according to BS EN ISO 717-1:1997

Rw(C;Ctr)= **41 (-1;-4)** dB

Notes * designates measurement corrected for background

designates limit of measurement due to background

+ designates frequency beyond standard and not UKAS accredited

v1.6