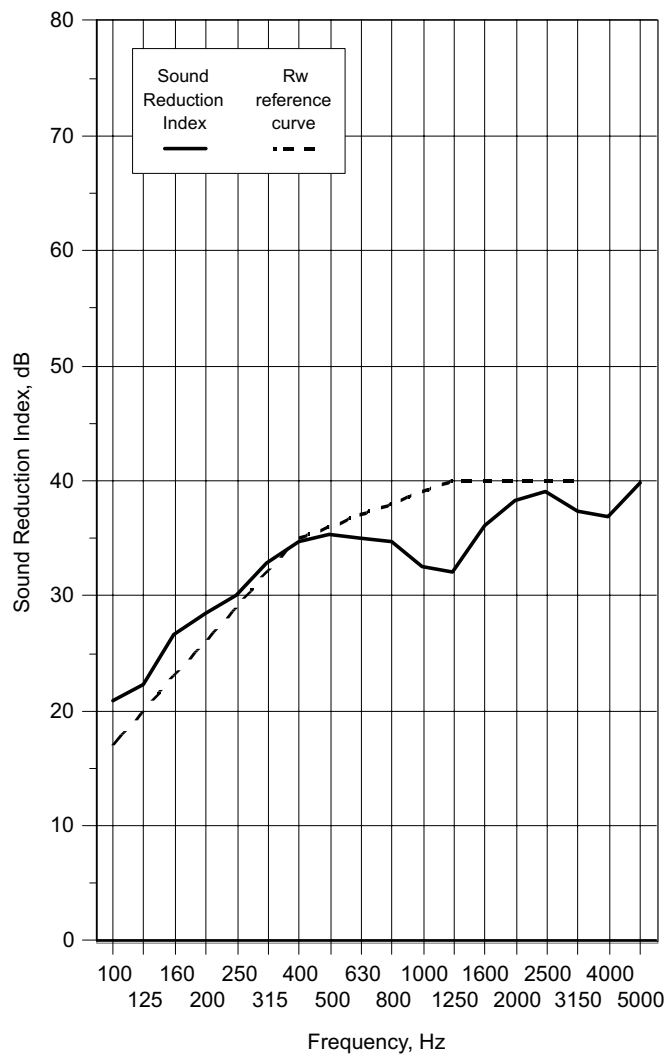


Data Sheet 5

Test Number :	9	Air temperature:	12.6 °C
Client:	Norseal	Air humidity:	57 %
Test Date:	04/02/2010	Receiving room volume	300 m ³
Sample height:	2.1 m	Source room volume:	115 m ³
Sample width:	1.93 m	Sample weight:	31.5 kg/m ²
Product	54mm Firedoors Silentdor double doors glazed with 15mm Pyrostop glass		
Identification:	Head & Jamb - Nor 710 + Nor 720		
	Threshold - Nor 810S + 625 threshold plate		
	Meeting Stile - 2x Nor 720		

Frequency Hz	Sound Reduction Index, dB	
	3 Oct 1	1/1 Oct
50+	1.7	2
63+	0.6	2
80+	0.1	2
100	0.9	2
125	2.3	2
160	6.6	2
200	8.5	2
250	0.0	3
315	2.9	3
400	4.7	3
500	5.4	3
630	5.1	3
800	4.7	3
1000	2.6	33.0
1250	2.7	3
1600	6.1	3
2000	8.3	37.6
2500	9.0	3
3150	7.3	3
4000	6.9	37.8
5000	9.8	3
6300+	0	44
8000+	0	43.6
10000+	1	43*
Average 100-3150	33.2	



Rating according to BS EN ISO 717-1:1997

Rw(C;Ctr)= **36 (-2;-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

