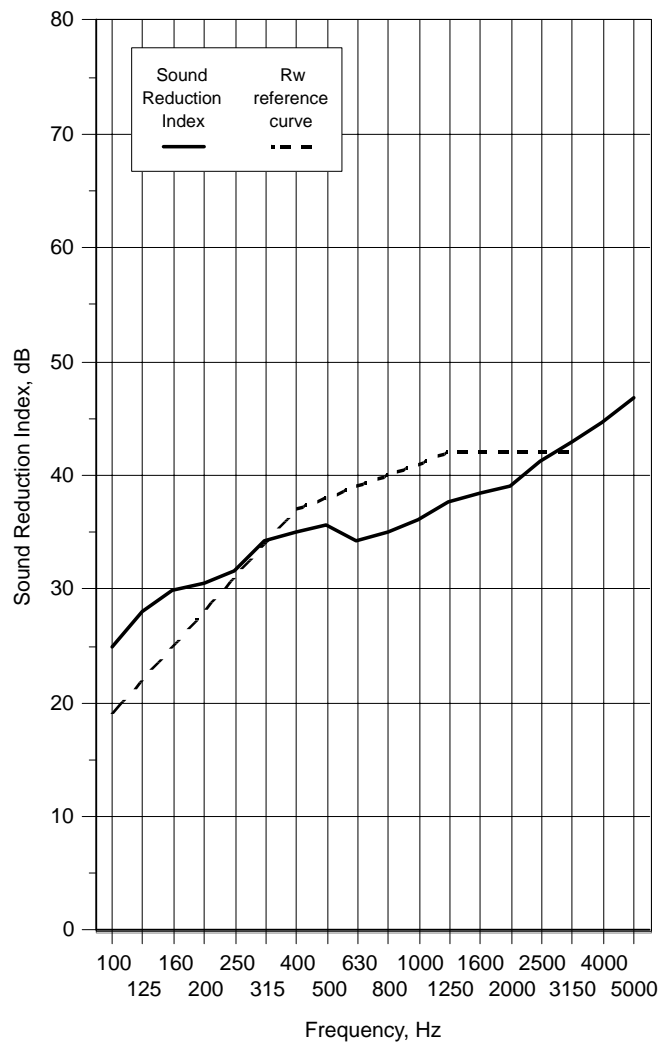


Data Sheet 34

Test Number :	49	Air temperature:	11.9°C
Client:	Norseal	Air humidity:	63%
Test Date:	17/03/2010	Receiving room volume	300m ³
Sample height:	2.1m	Source room volume:	115m ³
Sample width:	1.93m	Sample weight:	49.2kg/m ²
Product	54mm Blankfort 60+ timber door with 23mm Pyrostop glass		
Identification:	Head and Jamb: Norsound 710 + 720 Threshold: Norsound 810 + 650 threshold plate.		

Freq f Hz	Sound Reduction Index, dB	
	1/3 Oct	1/1 Oct
50+	28.4	26.1
63+	26.3	
80+	24.4	
100	24.9	27.1
125	28.1	
160	29.9	
200	30.5	31.8
250	31.6	
315	34.2	
400	35.1	34.9
500	35.6	
630	34.2	
800	35.0	36.1
1000	36.1	
1250	37.6	
1600	38.5	39.4
2000	39.0	
2500	41.3	
3150	42.9	44.5
4000	44.6	
5000	46.9	
6300+	48.3	47.2
8000+	46.6	
10000+	46.9 *	
Average 100-3150	34.7	



Rating according to BS EN ISO 717-1:1997

Rw(C;Ctr)= **38 (-1;-3)** dB

Notes * designates measurement corrected for background

designates limit of measurement due to background

+ designates frequency beyond standard and not UKAS accredited

v1.6

