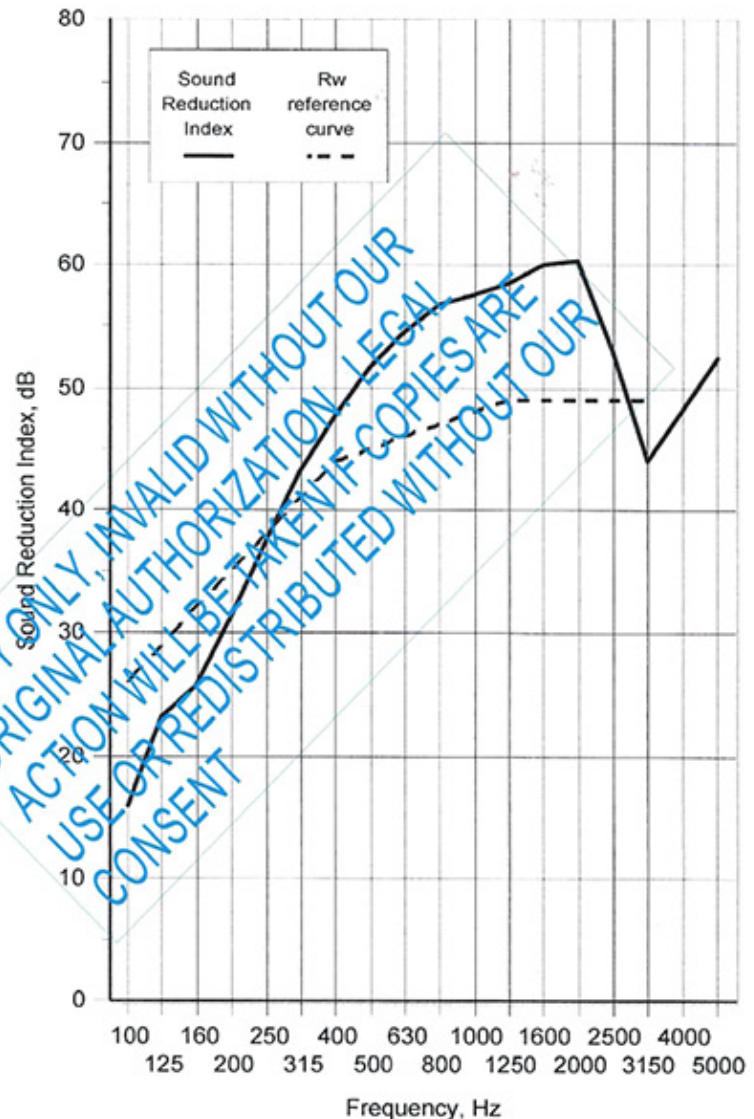


**Test Number :** 14  
**Client:** Hepsec  
**Test Date:** 22/05/2008  
**Sample height:** 2.4 m  
**Sample width:** 3.86 m  
**Product** 1 layer of 9mm Trilite RMS Board (taped) either side of 70mm  
**Identification:** metal studs at 600mm centres with 2 x 25mm RW5 insulation in cavity  
**Air temperature:** 15.6 °C  
**Air humidity:** 65 %  
**Receiving room volume** 50 m3  
**Source room volume:** 55 m3  
**Sample weight:** 24.7 kg/m2

Freq f Hz	Sound Reduction Index, dB	
	1/3 Oct	1/1 Oct
50+	19.1	16.4
63+	18.7	
80+	13.7	
100	15.9	19.5
125	23.3	
160	25.7	
200	31.5	35.0
250	37.3	
315	43.1	
400	47.7	50.4
500	51.6	
630	54.5	
800	56.7	57.5
1000	57.6	
1250	58.5	
1600	60.0	56.5
2000	60.3	
2500	53.2	
3150	44.1	46.9
4000	48.0	
5000	52.5	
6300+	56.5	58.8
8000+	59.2	
10000+	62.8 *	
Average 100-3150	45.1	



Rating according to BS EN ISO 717-1:1997

R<sub>w</sub>(C;Ctr)= 45 (-4;-11)dB

Notes \* designates measurement corrected for background

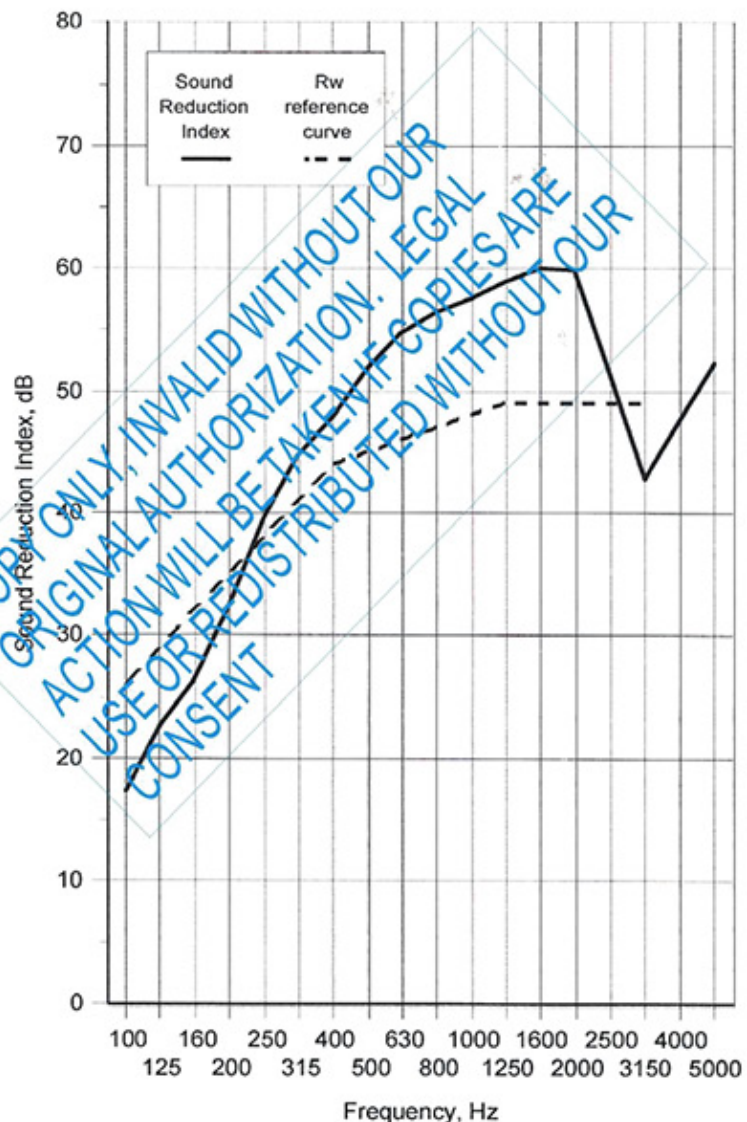
# designates limit of measurement due to background

+ designates frequency beyond standard and not UKAS accredited

v1.6

**Test Number :** 15  
**Client:** Hepsec  
**Test Date:** 22/05/2008  
**Sample height:** 2.4 m  
**Sample width:** 3.86 m  
**Product Identification:** 1 layer of 9mm Trillite RMS Board (taped) either side of 70mm metal studs at 600mm centres with 1 x 60mm RW3 insulation in cavity  
**Air temperature:** 14.9 °C  
**Air humidity:** 69 %  
**Receiving room volume** 50 m3  
**Source room volume:** 55 m3  
**Sample weight:** 24.7 kg/m2

Freq f Hz	Sound Reduction Index, dB	
	1/3 Oct	1/1 Oct
50+	18.0	
63+	18.9	16.9
80+	14.9	
100	17.3	
125	22.6	20.6
160	26.4	
200	32.5	
250	39.5	36.2
315	44.6	
400	47.9	
500	51.8	50.6
630	54.8	
800	56.5	
1000	57.6	57.6
1250	59.0	
1600	60.1	
2000	59.9	55.4
2500	51.7	
3150	42.8	
4000	47.5	46.0
5000	52.2	
6300+	56.5	
8000+	59.3	58.8
10000+	62.6 *	
Average 100-3150	45.3	



Rating according to BS EN ISO 717-1:1997

Rw(C;Ctr)= 45 (-3;-10)dB

Notes \* designates measurement corrected for background  
 # designates limit of measurement due to background  
 + designates frequency beyond standard and not UKAS accredited

v1.6