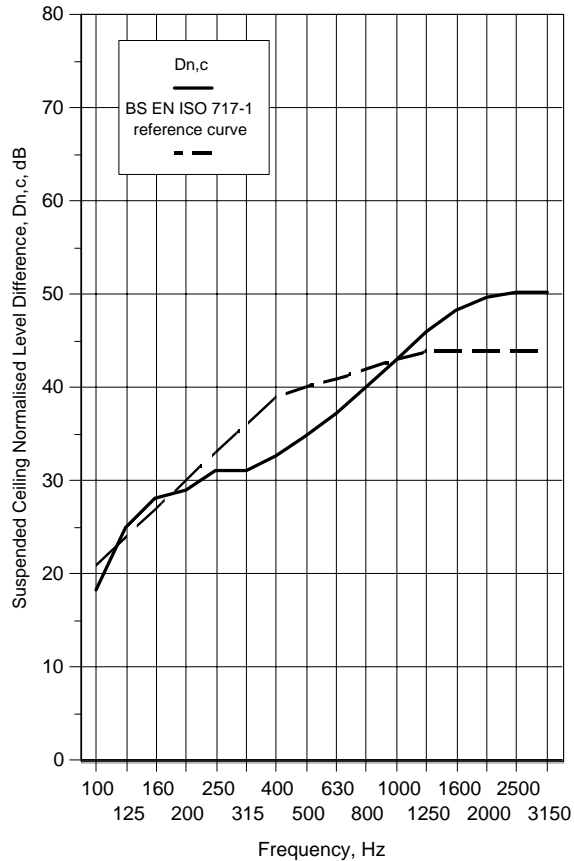


See SRL Report C/07/5L/3734/4 for full details  
The Laboratory Measurement of Room to Room Airborne Sound Insulation  
of a Suspended Ceiling to BS EN 20140-9:1994

**Test Numbers:** 30 & 31  
**Manufacturer:** Knauf AMF  
**Client:** Knauf AMF  
**Test specimen mounted by:** Knauf AMF  
**Test Date:** 17/04/2007  
**Product identification:** Thermacoustic dB 600x600x30mm  
 With two lights in each room

Freq f Hz	Suspended Ceiling Normalised Level Difference Dn,c, dB	
	1/3 Oct	1/1 Oct
50+	12.0	14.6
63+	17.3	
80+	16.6	
100	18.4	21.9
125	25.0	
160	28.1	
200	29.1	30.3
250	31.1	
315	31.2	
400	32.7	34.5
500	34.8	
630	37.2	
800	40.1	42.4
1000	43.0	
1250	46.1	
1600	48.4	49.4
2000	49.8	
2500	50.3	
3150	50.3	49.9
4000+	49.8	
5000+	49.6	
6300+	53.7	55.2
8000+	55.9	
10000+	56.6 *	
Average 100-3150	37.2	



Rating according to BS EN ISO 717-1:1997

Dn,c,w (C;Ctr)= 40 (-1;-6) dB

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

v3.1