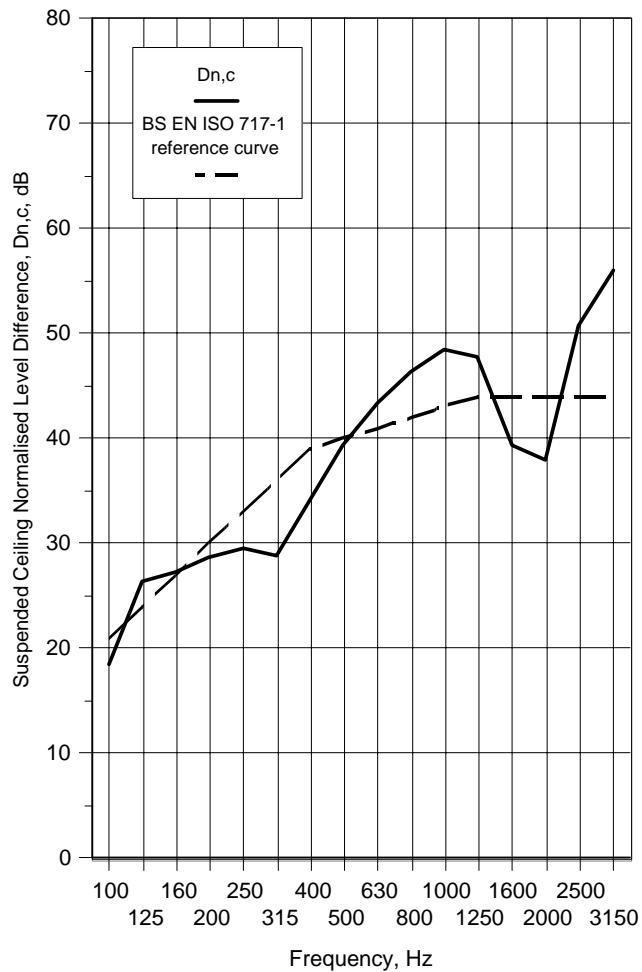


Data Sheet 2

The Laboratory Measurement of Room to Room Airborne Sound Insulation
of a Suspended Ceiling to BS EN 20140-9:1994

Test Numbers: 10 & 12
Manufacturer: Rockfon Ltd
Client: Rockfon Ltd
Test specimen mounted by: Rockfon Ltd
Test Date: 19/04/2008
Product identification: Rockfon Sonar dB 40 PI.9.601.00PL (1192x592x30mm)

Freq f Hz	Suspended Ceiling Normalised Level Difference Dn,c, dB	
	1/3 Oct	1/1 Oct
50+	11.2	12.8
63+	12.3	
80+	16.6	
100	18.5	22.2
125	26.4	
160	27.3	
200	28.7	29.1
250	29.6	
315	28.9	
400	34.2	37.4
500	39.3	
630	43.4	
800	46.4	47.5
1000	48.5	
1250	47.8	
1600	39.4	40.2
2000	37.9	
2500	50.8	
3150	56.1	57.7
4000+	57.2	
5000+	61.2	
6300+	64.4	65.8
8000+	66.8 *	
10000+	66.8 #	
Average 100-3150	37.7	



Rating according to BS EN ISO 717-1:1997
Dn,c,w (C;Ctr)= 40 (-2;-6) dB

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

v4.1