



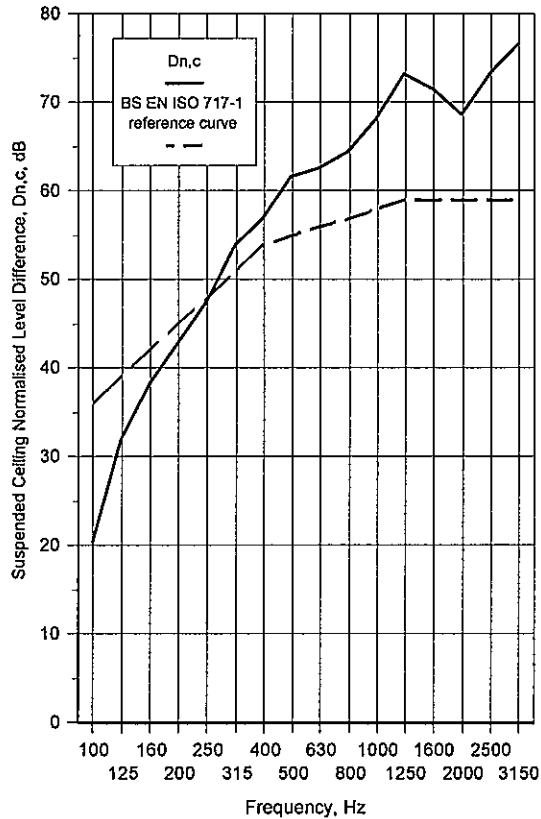
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See SRL Report C/08/5L/20324/R03a for full details
The Laboratory Measurement of Room to Room Airborne Sound Insulation
of a Suspended Ceiling to BS EN 20140-9:1994

Test Numbers: 34 & 35
Manufacturer: Rockfon
Client: Rockfon
Test specimen mounted by: Rockfon
Test Date: 04/09/2008
Product identification: Sonar dB 40 - 1200x600mm - A edge
plus Sound Stop 30 dB (horizontal & vertical taping)

Freq f Hz	Suspended Ceiling Normalised Level Difference Dn,c, dB	
	1/3 Oct	1/1 Oct
50+	15.5	16.9
63+	17.5	
80+	18.4	
100	20.5	24.9
125	31.9	
160	38.1	
200	42.7	
250	47.6	
315	54.0	46.0
400	56.9	
500	61.7 *	
630	62.8 *	59.7
800	64.5	
1000	68.1	67.3
1250	73.2 *	
1600	71.5	
2000	68.6	70.7
2500	73.2	
3150	76.7	
4000+	79.3 *	78.8
5000+	81.7 *	
6300+	82.3 #	74.6
8000+	76.1 #	
10000+	71.4 #	
Average 100-3150	57.0	



Rating according to BS EN ISO 717-1:1997
Dn,c,w (C;Ctr)= 55 (-7;-15) dB

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

v1.1

Laboratory Manager
Quality Manager

Executive Consultant
Deputy Technical Manager