



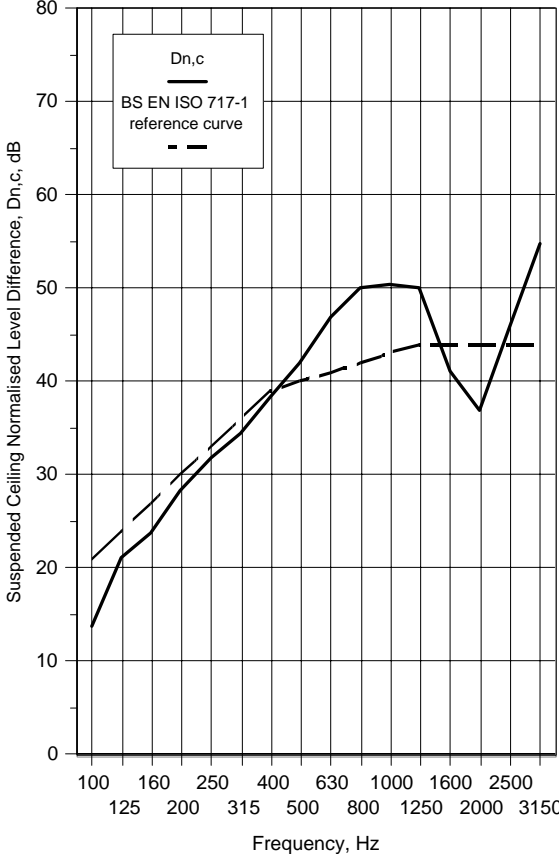
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**Contract:** C/08/5L/20324  
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**Date:** 6 October 2008

See SRL Report C/08/5L/20324/R01 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:** 12 & 13  
**Manufacturer:** Rockfon  
**Client:** Rockfon  
**Test specimen mounted by:** Rockfon  
**Test Date:** 19/07/2008  
**Product identification:** Ekla dB 40 - 1200x600

Freq f Hz	Suspended Ceiling Normalised Level Difference Dn,c, dB	
	1/3 Oct	1/1 Oct
50+	13.0	12.3
63+	13.2	
80+	11.1	
100	13.7	17.4
125	21.2	
160	23.8	
200	28.4	30.9
250	31.9	
315	34.4	
400	38.4	41.2
500	42.0	
630	47.0	
800	50.1	50.2
1000	50.4	
1250	50.1	
1600	41.2	40.0
2000	37.0	
2500	45.7	
3150	54.8	54.7
4000+	52.8	
5000+	58.2	
6300+	60.9	59.3
8000+	63.2 *	
10000+	56.6 *	
Average 100-3150	38.1	



Rating according to BS EN ISO 717-1:1997  
Dn,c,w (C;Ctr)= 40 (-2;-8) dB

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

v4.1



**Laboratory Manager**  
**Quality Manager**



**Executive Consultant**  
**Deputy Technical Manager**