



Holbrook House, Little Waldingfield,  
Sudbury, Suffolk CO10 0TH  
Tel: (01787) 247595 Fax: 01787 248420  
e-mail: srl@soundresearch.co.uk

Contract: C/08/5L/20324

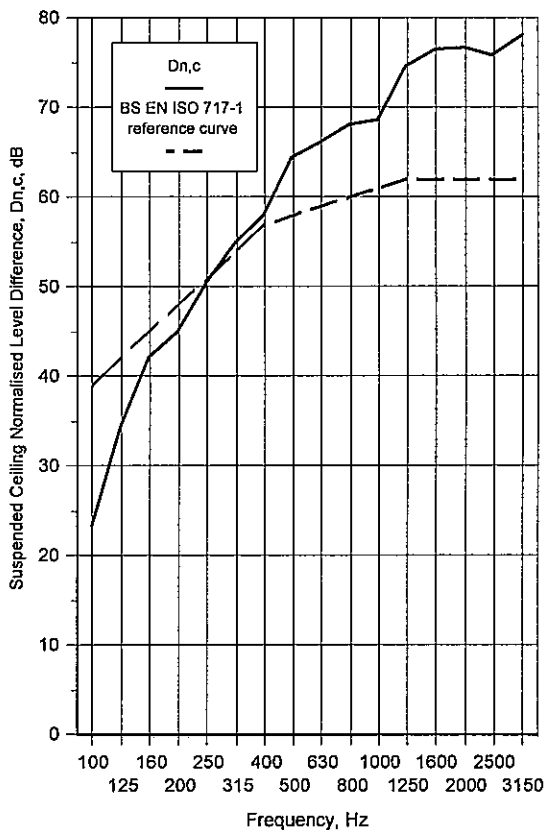
Page: 1 of 1

Date: 28 October 2008

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: 38 & 39  
Manufacturer: Rockfon  
Client: Rockfon  
Test specimen mounted by: Rockfon  
Test Date: 05/09/2008  
Product identification: Sonar dB 44 - 1200x600mm - A edge plus Sound Stop 30dB

Freq f Hz	Suspended Ceiling Normalised Level Difference Dn,c, dB	
	1/3 Oct	1/1 Oct
50+	18.3	
63+	20.7	20.3
80+	23.2	
100	23.4	
125	34.3	27.7
160	42.2	
200	45.0	
250	50.7	48.4
315	55.0	
400	58.0	
500	64.5	61.4
630	66.3	
800	68.1	
1000	68.6	69.6
1250	74.7 *	
1600	76.6 *	
2000	76.7	76.4
2500	75.8	
3150	78.1	
4000+	80.3 *	79.9
5000+	82.2 *	
6300+	82.5 #	
8000+	76.4 #	75.4
10000+	72.3 #	
Average 100-3150	59.9	



Rating according to BS EN ISO 717-1:1997

Dn,c,w (C;Ctr)= 58 (-7;-15) 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