

See SRL Report C/08/5L/20506/R04 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: 36 & 37
Manufacturer: Rockfon
Client: Rockfon
Test specimen mounted by: Rockfon
Test Date: 07/01/2009
Product identification: Sonar Plan dB 35 - 1200x600x25mm - Edge : A

Freq f Hz	Suspended Ceiling Normalised Level Difference Dn,c, dB	
	1/3 Oct	1/1 Oct
50+	11.2	9.5
63+	9.1	
80+	8.6	
100	9.8	13.6
125	17.5	
160	20.0	
200	22.9	23.7
250	23.1	
315	25.3	
400	29.6	32.8
500	34.5	
630	38.8	
800	42.5	44.1
1000	45.8	
1250	44.6	
1600	38.1	39.1
2000	37.4	
2500	44.9	
3150	56.0	58.1
4000+	59.4	
5000+	59.9	
6300+	60.5	62.8
8000+	63.4	
10000+	66.5 *	
Average 100-3150	33.2	

Rating according to BS EN ISO 717-1:1997
Dn,c,w (C;Ctr)= 35 (-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

Technical Director
Technical Manager