

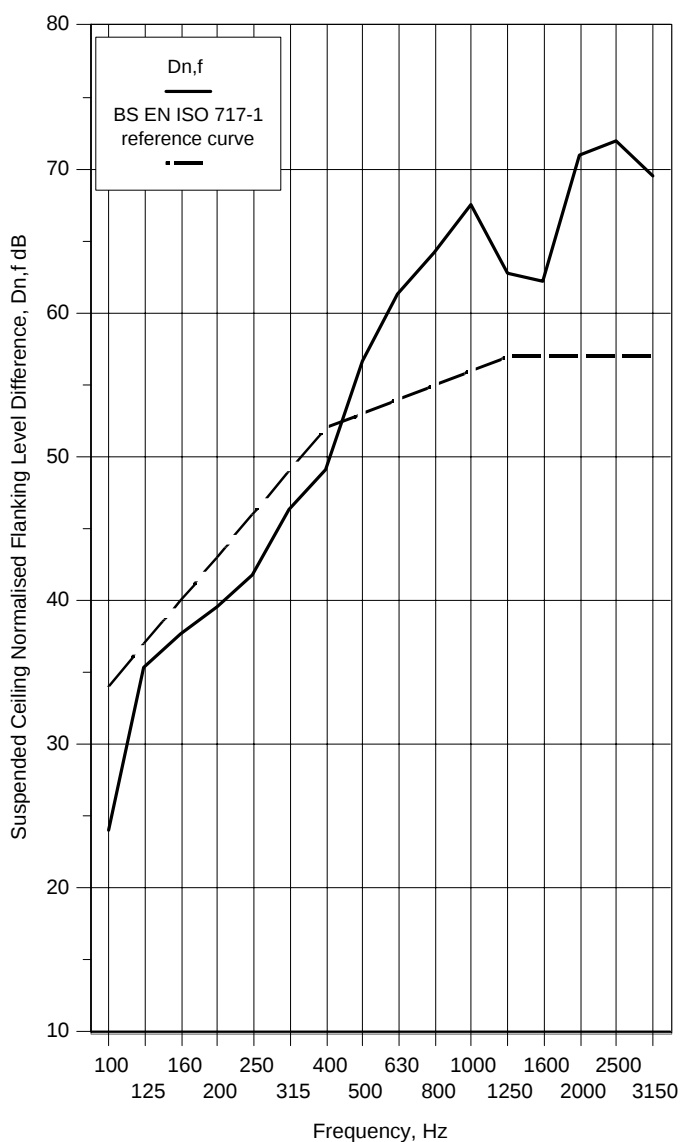
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See SRL Report C/22391/T03 for full details

Laboratory Measurement of the Flanking Transmission of Airborne Sound between Adjoining Rooms
of a Suspended Ceiling to BS EN ISO 10848-2:2006

Test Numbers:	5 & 6	Air Temperature:	18.2 °C
Manufacturer:	Rockfon	Air Humidity:	84 %
Client:	Rockfon	Test Date:	18/06/2013
Sample mounted by:	Rockfon		
Product identification:	Metal dB44 1.5/11% + 80mm Acoustimass Fire Barrier		

Freq f Hz	Suspended Ceiling Normalised Flanking Level Difference - dB	
	1/3 Oct	1/1 Oct
	Dn,f	
50+	15.5	19.5
63+	≥ 25.5	
80+	≥ 25.6	
100	24.0	
125	≥ 35.3	28.3
160	37.7	
200	39.6	
250	≥ 41.8	
315	≥ 46.3	41.8
400	≥ 49.1	
500	≥ 56.6	
630	≥ 61.3	
800	≥ 64.2	53.0
1000	≥ 67.5	
1250	≥ 62.8	
1600	≥ 62.2	
2000	≥ 71.0	66.1
2500	≥ 72.0	
3150	≥ 69.5	
4000+	≥ 69.3	
5000+	≥ 70.5	69.7
6300+	≥ 70.9	
8000+	≥ 62.3	
10000+	56.8	
Average 100-3150	53.8	



v1.5

Rating according to BS EN ISO 717-1:1997

Dn,f,w (C;Ctr)= **53 (-3;-10)**

Notes : * shows measurement corrected for background

+ shows frequency beyond standard and not UKAS accredited

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