

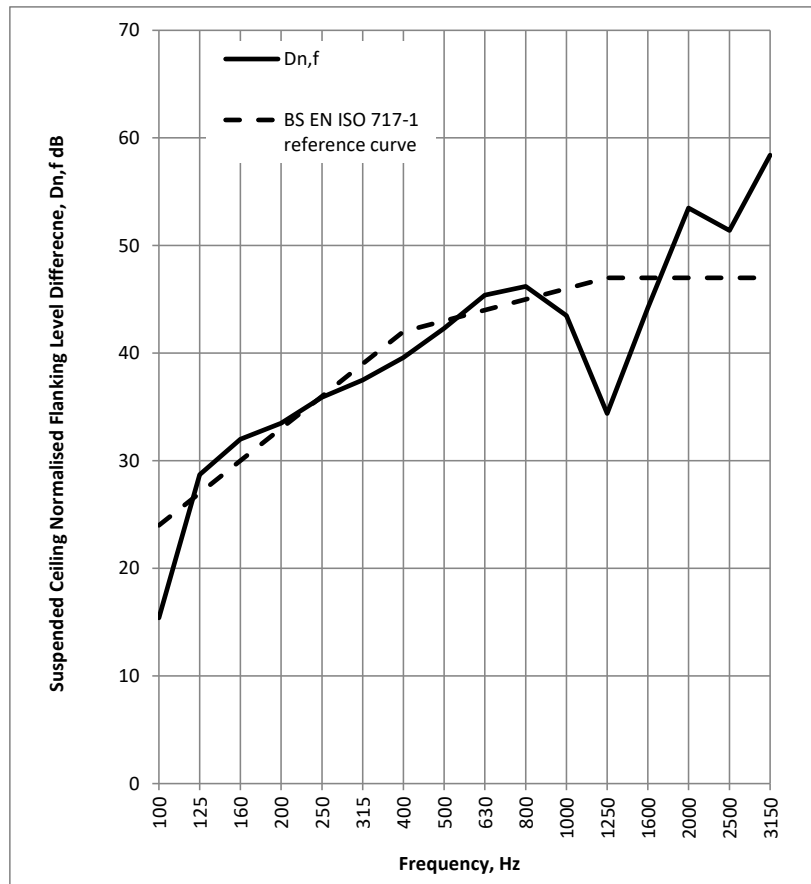
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See SRL Report C/23821/T06 for full details

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:	25 & 26	Air Temperature:	19	°C
Manufacturer:	Rockfon	Air Humidity:	76	%
Client:	Rockfon	Test Date:	26/07/2017	
Sample mounted by:	Rockfon			
Product identification:	Blanka dB43 A24 1200x600x40mm, T24 Grid			

Freq f Hz	Suspended Ceiling Normalised Flanking Level Difference - dB	
	1/3 Oct	1/1 Oct
	D _{n,f}	
50+	15.5	16.5
63+	17.2	
80+	17.2	
100	15.4	19.9
125	28.7	
160	32.0	
200	33.5	35.3
250	35.9	
315	37.5	
400	39.6	41.8
500	42.3	
630	≥ 45.4	
800	≥ 46.2	38.4
1000	43.5	
1250	34.4	
1600	44.2	47.8
2000	≥ 53.5	
2500	≥ 51.4	
3150	≥ 58.4	61.3
4000+	≥ 62.5	
5000+	≥ 66.5	
6300+	≥ 70.5	64.2
8000+	≥ 66.6	
10000+	* 60.9	
Average 100-3150	40.1	



v3.0

Rating according to BS EN ISO 717-1:2013

D_{n,f,w} (C;Ctr) = 43 (-4 ; -9) dB

Notes : * shows measurement corrected for background
+ shows frequency beyond standard and not UKAS accredited

James Carpenter
Tester

Allen Smalls
Quality Manager