

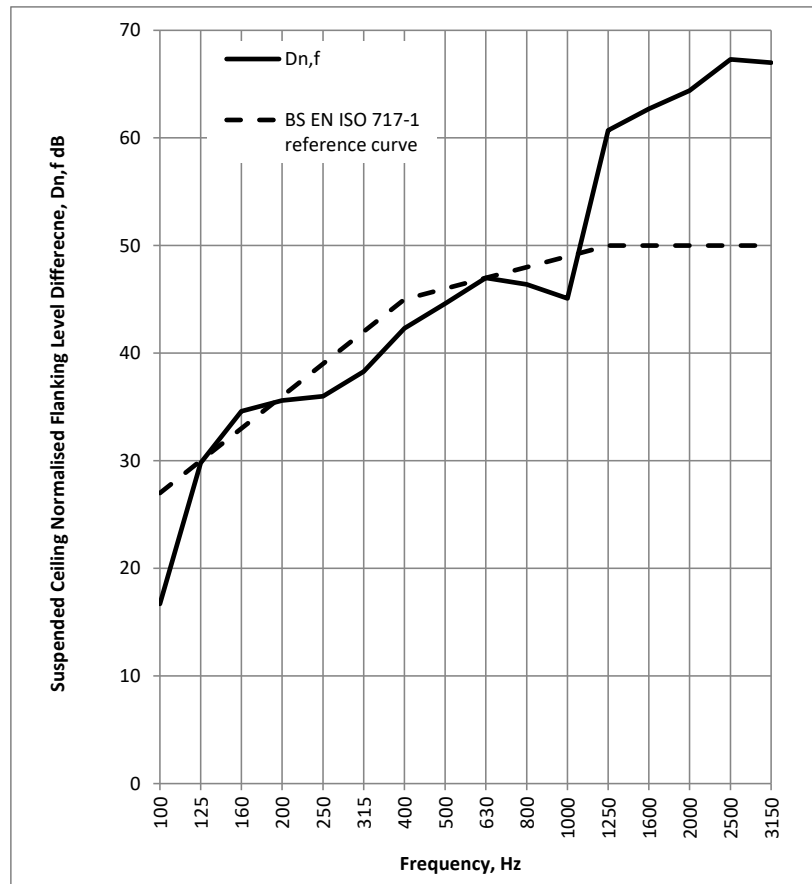
Confidential

See SRL Report C/23821/T05 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:	27 & 28	Air Temperature:	19.4	°C
Manufacturer:	Rockfon	Air Humidity:	78	%
Client:	Rockfon	Test Date:	26/07/2017	
Sample mounted by:	Rockfon			
Product identification:	Blanka dB46 A24 1200x600x50mm, T24 Grid			

Freq f Hz	Suspended Ceiling Normalised Flanking Level Difference - dB	
	1/3 Oct	1/1 Oct
	D _{n,f}	
50+	16.9	
63+	19.0	17.8
80+	17.9	
100	16.7	
125	29.8	21.2
160	34.6	
200	35.6	
250	36.0	36.5
315	38.3	
400	42.3	
500	≥ 44.6	44.2
630	≥ 47.0	
800	≥ 46.4	
1000	45.1	47.4
1250	≥ 60.7	
1600	≥ 62.7	
2000	≥ 64.4	64.4
2500	≥ 67.3	
3150	≥ 67.0	
4000+	≥ 67.9	68.0
5000+	≥ 69.6	
6300+	≥ 72.5	
8000+	≥ 67.5	65.0
10000+	± 61.4	
Average 100-3150	46.2	



v3.0

Rating according to BS EN ISO 717-1:2013

D_{n,f,w} (C;Ctr) = 46 (-3; -10) dB

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

James Carpenter
Tester

Allen Smalls
Quality Manager