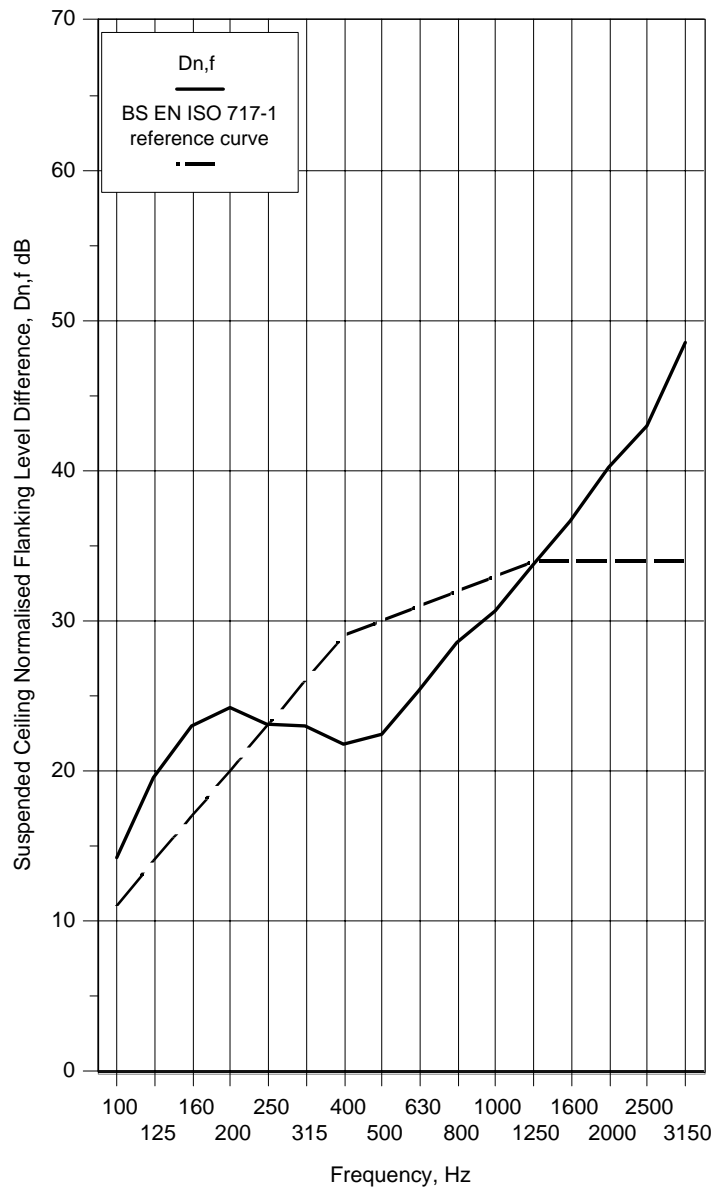


See SRL Report C/21471/R03 for full details

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:	44 & 45	Air Temperature:	51 °C
Manufacturer:	Knauf AMF	Air Humidity:	11 %
Client:	Knauf AMF	Test Date:	24/11/2010
Sample mounted by:	Knauf AMF		
Product identification:	Thermatex Alpha HD 1800x300x19mm		

Freq f Hz	Suspended Ceiling Normalised Flanking Level Difference - dB	
	1/3 Oct	1/1 Oct
Dn,f		
50+	13.8	15.1
63+	16.9	
80+	15.2	
100	14.2	17.4
125	19.6	
160	23.0	
200	24.2	23.4
250	23.1	
315	23.0	
400	21.8	23.0
500	22.5	
630	25.3	
800	28.6	30.6
1000	30.7	
1250	33.8	
1600	36.7	39.2
2000	40.2	
2500	43.0	
3150	48.5	51.9
4000+	≥ 54.6	
5000+	≥ 58.4	
6300+	≥ 60.7	60.0
8000+	59.5	
10000+	* 59.9	
Average 100-3150	28.6	



v1.3

Rating according to BS EN ISO 717-1:1997
Dn,f,w (C;Ctr) = **30 (-1;-4)**

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