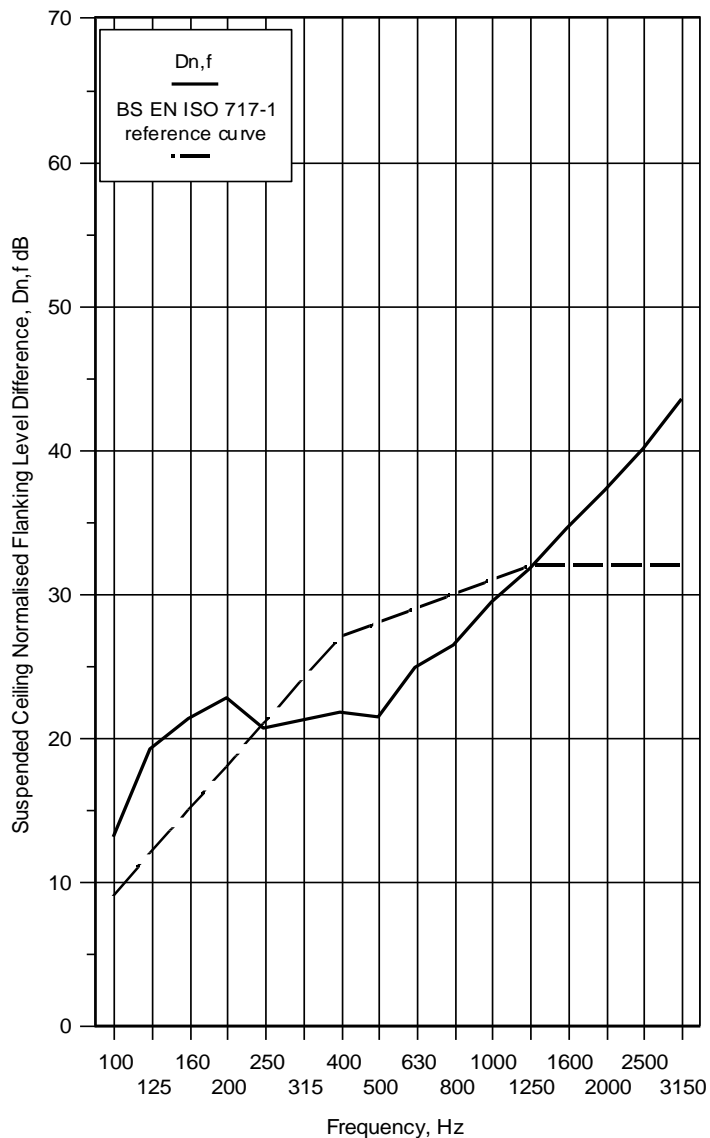


See SRL Report C/21850/R02a for full details

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:	43 & 44	Air Temperature:	17.6 °C
Manufacturer:	Knauf AMF	Air Humidity:	55 %
Client:	Knauf AMF	Test Date:	14/09/2011
Sample mounted by:	Knauf AMF		
Product identification:	Thermatex Aquatec 600x600x19mm		

Freq f Hz	Suspended Ceiling Normalised Flanking Level Difference - dB	
	1/3 Oct	1/1 Oct
50+	13.9	13.7
63+	15.2	
80+	12.6	16.5
100	13.1	
125	19.3	21.5
160	21.4	
200	22.8	22.4
250	20.7	
315	21.2	28.7
400	21.8	
500	21.5	36.7
630	24.9	
800	26.5	45.8
1000	29.4	
1250	31.8	53.9
1600	34.6	
2000	37.2	55.1
2500	40.1	
3150	43.5	53.9
4000+	46.6	
5000+	49.0	53.9
6300+	52.1	
8000+	55.3	53.9
10000+	≥ 55.1	
Average 100-3150	26.9	



v1.3

Rating according to BS EN ISO 717-1:1997
Dn,f,w (C;Ctr) = **28 (0;-3)**

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

Allen Smalls
Quality Manager

Trevor Hickman
Deputy Technical Manager