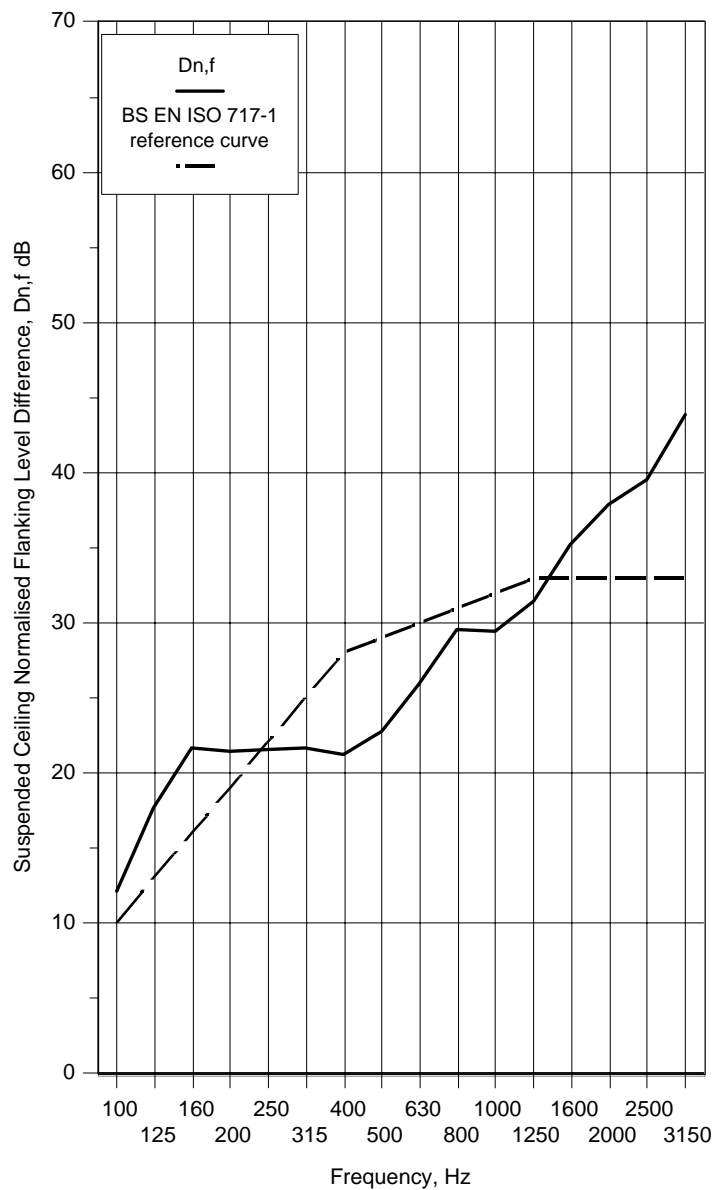


See SRL Report C/21471/R03 for full details

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:	27 & 28	Air Temperature:	55 °C
Manufacturer:	Knauf AMF	Air Humidity:	11.1 %
Client:	Knauf AMF	Test Date:	23/11/2010
Sample mounted by:	Knauf AMF		
Product identification:	Thermatex Alpha ONE 600x600x24mm		

Freq f Hz	Suspended Ceiling Normalised Flanking Level Difference - dB	
	1/3 Oct	1/1 Oct
Dn,f		
50+	11.9	13.2
63+	15.3	
80+	13.0	
100	12.2	15.5
125	17.7	
160	21.7	
200	21.5	21.6
250	21.6	
315	21.7	
400	21.2	22.9
500	22.8	
630	25.9	
800	29.6	30.1
1000	29.5	
1250	31.4	
1600	35.2	37.2
2000	37.9	
2500	39.5	
3150	43.9	47.3
4000+	49.6	
5000+	53.9	
6300+	57.5	57.6
8000+	57.4	
10000+	57.8	
Average 100-3150	27.1	



v1.3

Rating according to BS EN ISO 717-1:1997
Dn,f,w (C;Ctr) = **29 (-1;-4)**

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