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Contract: C/09/5L/21022

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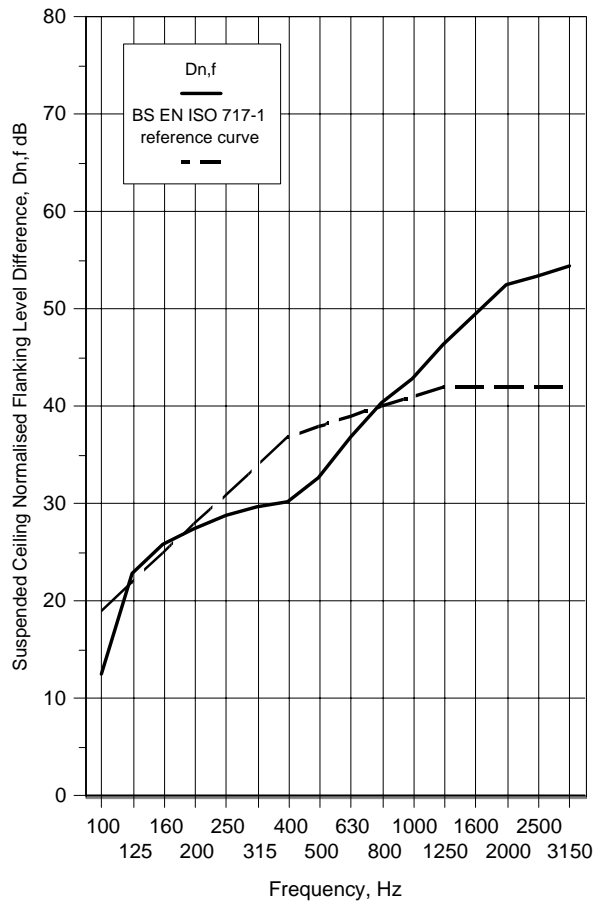
Date: 27 November 2009

See SRL Report C/09/5L/21022/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:	19 & 20	Air Temperature:	12.9 °C
Manufacturer:	Knauf AMF	Air Humidity:	82 %
Client:	Knauf AMF		
Test specimen mounted by:	Knauf AMF		
Test Date:	13/11/2009		
Product identification:	Thermatex SF Acoustic 600x600x24mm, Edge:SF		

Freq f Hz	Suspended Ceiling Normalised Flanking Level Difference - dB	
	1/3 Oct	1/1 Oct
	Dn,f	
50+	16.4	15.4
63+	15.0	
80+	15.0	
100	12.5	16.8
125	22.9	
160	25.9	
200	27.4	28.6
250	28.8	
315	29.8	
400	30.3	32.5
500	32.7	
630	37.0	
800	40.4	42.6
1000	42.9	
1250	46.4	
1600	49.5	51.5
2000	52.5	
2500	≥ 53.5	
3150	≥ 54.5	55.5
4000+	≥ 55.3	
5000+	≥ 57.3	
6300+	≥ 60.0	61.8
8000+	≥ 62.7	
10000+	≥ 63.6	
Average 100-3150	36.7	



Rating according to BS EN ISO 717-1:1997

Dn,f,w (C;Ctr) = 38 (-2;-8) dB

Notes : * designates measurement corrected for background

+ designates frequency beyond standard and not UKAS accredited

v.1.2