

See SRL Report C/09/5L/20785/R02 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:	42 & 43	Air Temperature:	18.7 °C
Manufacturer:	AMF	Air Humidity:	54 %
Client:	AMF		
Test specimen mounted by:	AMF		
Test Date:	10/07/2009		
Product identification:	Thermatex Acoustic 675x675x19mm; Ultraline VT-S-15F edge		

Freq f Hz	Suspended Ceiling Normalised Flanking Level Difference - dB	
	1/3 Oct	1/1 Oct
	Dn,f	
50+	14.6	15.0
63+	15.0	
80+	15.3	
100	15.8	19.3
125	22.7	
160	25.1	
200	27.0	28.7
250	29.6	
315	30.1	
400	30.6	32.3
500	32.0	
630	35.7	
800	39.2	41.8
1000	42.7	
1250	45.8	
1600	50.3	52.1
2000	52.8 %	
2500	53.8 %	
3150	54.8 %	55.6
4000+	55.9 %	
5000+	56.1 %	
6300+	56.3	57.9
8000+	58.3	
10000+	59.6 *	
Average 100-3150	36.8	

Rating according to BS EN ISO 717-1:1997
Dn,f,w (C;Ctr)= 38 (-1;-6) dB

Notes : * designates measurement corrected for background
designates limit of measurement due to background
+ designates frequency beyond standard and not UKAS accredited
% designates measurement limited by flanking

v1.1

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