

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:	46 & 47	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 dB Acoustic 675x675x24mm; Ultraline VT-S-15F edge		

Freq f Hz	Suspended Ceiling Normalised Flanking Level Difference - dB	
	1/3 Oct Dn,f	1/1 Oct
50+	15.9	17.3
63+	18.3	
80+	18.0	
100	17.7	21.9
125	28.5	
160	31.2	
200	33.9	35.4
250	36.9	
315	36.2	
400	37.1	39.2
500	39.5	
630	42.6	
800	45.2 %	47.6
1000	48.7 %	
1250	50.7	
1600	53.6 %	55.1
2000	55.6 %	
2500	56.5 %	
3150	55.3 %	55.3
4000+	54.2 %	
5000+	56.9 %	
6300+	61.1 %	61.9
8000+	62.8 *%	
10000+	62.0 *	
Average 100-3150	41.8	

Rating according to BS EN ISO 717-1:1997
Dn,f,w (C;Ctr)= 44 (-2;-8) 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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