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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:	9 & 10	Air Temperature:	12.3 °C
Manufacturer:	Knauf AMF	Air Humidity:	73 %
Client:	Knauf AMF		
Test specimen mounted by:	Knauf AMF		
Test Date:	12/11/2009		
Product identification:	Thermatex Silence 600x600x43mm, Edge:SK		

Freq f Hz	Suspended Ceiling Normalised Flanking Level Difference - dB	
	1/3 Oct	1/1 Oct
	Dn,f	
50+	19.0	18.9
63+	19.1	
80+	18.6	
100	18.2	
125	28.4	22.3
160	29.4	
200	31.0	
250	32.3	
315	35.3	32.5
400	36.3	
500	41.7	
630	≥ 45.9	
800	≥ 47.5	50.4
1000	≥ 51.7	
1250	≥ 56.0	
1600	≥ 58.9	
2000	≥ 57.1	57.9
2500	≥ 57.8	
3150	≥ 60.1	
4000+	≥ 61.9	
5000+	≥ 64.6	61.9
6300+	≥ 67.9	
8000+	≥ 69.7	
10000+	≥ 67.5	
Average 100-3150	43.0	

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 frequency beyond standard and not UKAS accredited