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Contract: C/07/5L/3927

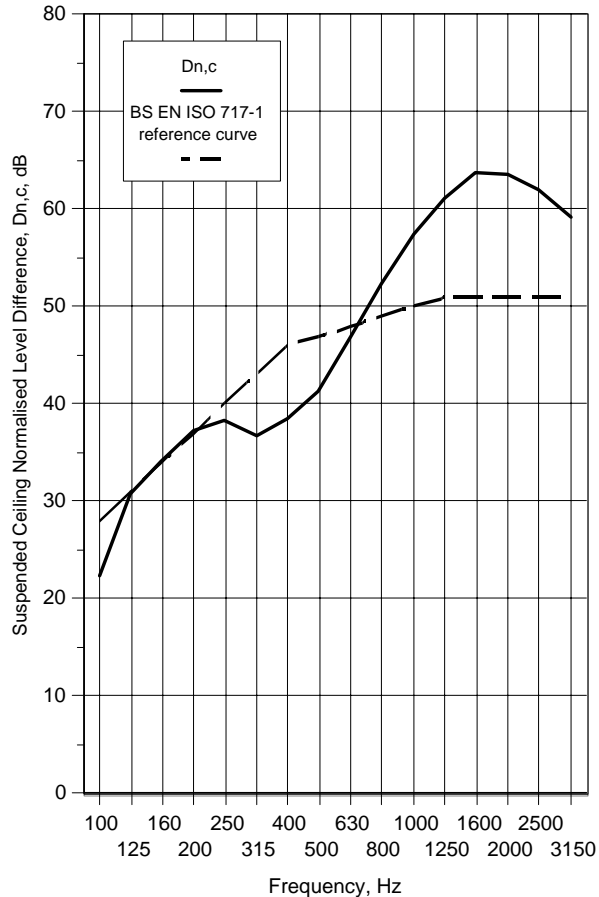
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Date: 21 August 2007

See SRL Report C/07/5L/3927/2 for full details  
The Laboratory Measurement of Room to Room Airborne Sound Insulation  
of a Suspended Ceiling to BS EN 20140-9:1994

**Test Numbers:** 15 & 16  
**Manufacturer:** Knauf AMF  
**Client:** Knauf AMF  
**Test specimen mounted by:** Knauf AMF  
**Test Date:** 21/08/2007  
**Product identification:** Thermatex dB Acoustic 1800x300x30mm

Freq f Hz	Suspended Ceiling Normalised Level Difference Dn,c, dB	
	1/3 Oct	1/1 Oct
50+	13.4	17.1
63+	20.2	
80+	24.2	
100	22.3	26.2
125	30.8	
160	34.1	37.3
200	37.2	
250	38.3	
315	36.7	41.1
400	38.5	
500	41.4	
630	47.0	55.6
800	52.4	
1000	57.4	
1250	61.2	63.0
1600	63.7	
2000	63.6	59.1
2500	62.0	
3150	59.2	
4000+	58.6	62.3
5000+	59.6	
6300+	61.4	
8000+	62.7 *	62.3
10000+	63.0 *	
Average 100-3150	46.6	



Rating according to BS EN ISO 717-1:1997

Dn,c,w (C;Ctr)= 47 (-2;-7) dB

Notes : \* designates measurement corrected for background  
# designates limit of measurement due to background  
+ designates frequency beyond standard and not UKAS accredited

v3.1

Laboratory Manager  
Quality Manager

Executive Consultant  
Deputy Technical Manager