



INVESTOR IN PEOPLE

Holbrook House, Little Waldingfield,
Sudbury, Suffolk CO10 0TH
Tel: (01787) 247595 Fax: 01787 248420
e-mail: srl@soundresearch.co.uk

Contract: C/07/5L/3734

Page: 1 of 1

Date: 16 May 2007

See SRL Report C/07/5L/3734/4 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: 32 & 33
Manufacturer: Knauf AMF
Client: Knauf AMF
Test specimen mounted by: Knauf AMF
Test Date: 17/04/2007
Product identification: Thermacooustic dB 600x600x30mm
With two lights in each room, with light boxes

Freq f Hz	Suspended Ceiling Normalised Level Difference Dn,c, dB	
	1/3 Oct	1/1 Oct
50+	12.7	15.5
63+	18.2	
80+	18.0	
100	18.5	22.2
125	25.8	
160	29.3	
200	31.4	32.4
250	33.1	
315	33.0	
400	35.6	37.9
500	38.6	
630	41.5	
800	44.5	46.8
1000	47.3	
1250	50.7	
1600	52.2	53.2
2000	54.3	
2500	53.2	
3150	51.7	51.4
4000+	51.2	
5000+	51.3	
6300+	54.7	56.5
8000+	57.3	
10000+	58.3 *	
Average 100-3150	40.0	

Rating according to BS EN ISO 717-1:1997
Dn,c,w (C;Ctr)= 43 (-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