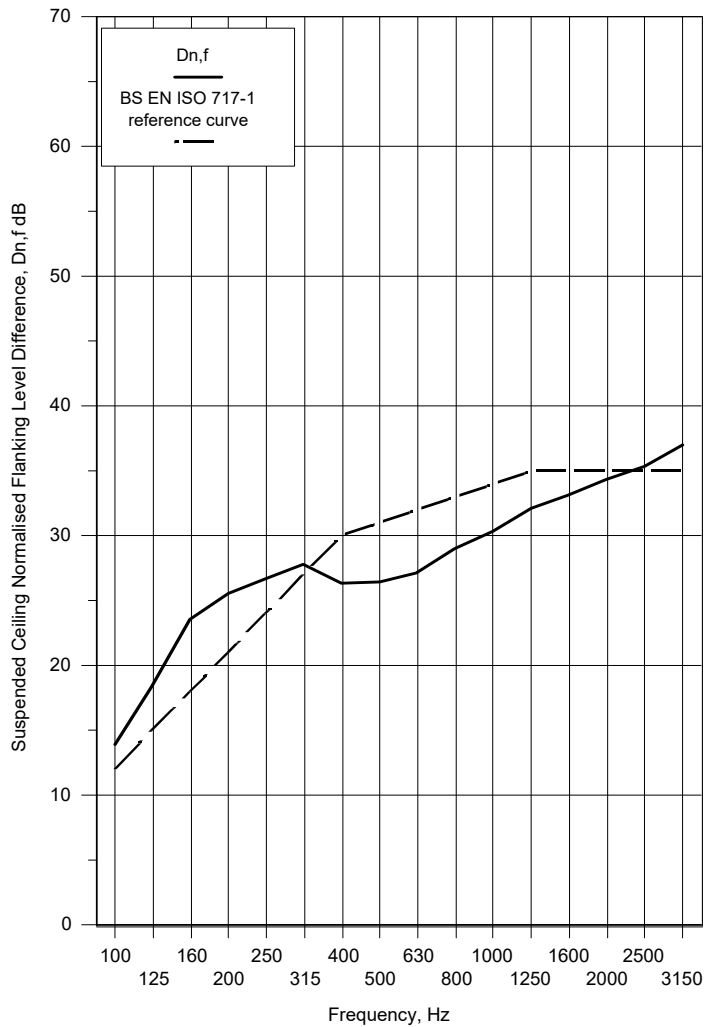


Confidential

See SRL Report C/23619/T02 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:	29 & 28	Air Temperature:	9.1 °C
Manufacturer:	USG Middle East Ltd	Air Humidity:	52 %
Client:	USG Middle East Ltd	Test Date:	27/01/2017
Sample mounted by:	USG Middle East Ltd		
Product identification:	Lay-in Perforated with infill MF 600x600x15mm		

Freq f Hz	Suspended Ceiling Normalised Flanking Level Difference - dB	
	1/3 Oct	1/1 Oct
Dn,f		
50+	10.0	
63+	12.9	11.4
80+	11.9	
100	13.9	
125	18.4	17.0
160	23.6	
200	25.6	
250	26.7	26.6
315	27.8	
400	26.4	
500	26.5	26.7
630	27.2	
800	29.0	
1000	30.4	30.3
1250	32.2	
1600	33.2	
2000	34.4	34.2
2500	35.4	
3150	37.0	
4000+	38.1	37.8
5000+	38.7	
6300+	39.7	
8000+	38.5	38.0
10000+	36.4	
Average 100-3150	28.0	



Rating according to BS EN ISO 717-1:2013
Dn,f,w (C;Ctr) = **31 (-1;-3)**

Notes : * shows measurement corrected for background
+ shows frequency beyond standard and not UKAS accredited

v1.7



Allen Smalls
Quality Manager

This certificate shall not be reproduced, except in full, without written approval of the laboratory



Richard Critchlow
Deputy Technical Manager