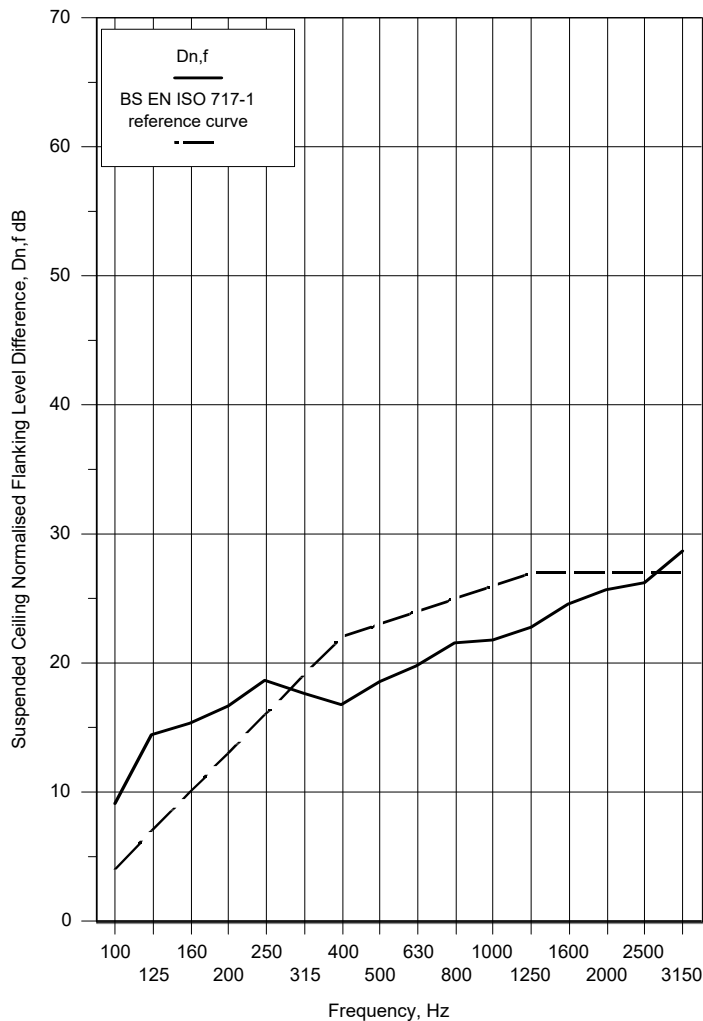


Confidential

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:	31 & 30	Air Temperature:	8.5 °C
Manufacturer:	USG Middle East Ltd	Air Humidity:	53 %
Client:	USG Middle East Ltd	Test Date:	27/01/2017
Sample mounted by:	USG Middle East Ltd		
Product identification:	Lay-in Perforated with Infill Halcyon 600x600x19mm		

Freq f Hz	Suspended Ceiling Normalised Flanking Level Difference - dB	
	1/3 Oct	1/1 Oct
Dn,f		
50+	11.3	11.0
63+	11.5	
80+	10.3	
100	9.2	12.1
125	14.5	
160	15.4	
200	16.7	17.6
250	18.7	
315	17.7	
400	16.8	18.2
500	18.6	
630	19.8	
800	21.6	22.0
1000	21.8	
1250	22.8	
1600	24.6	25.5
2000	25.7	
2500	26.3	
3150	28.7	30.4
4000+	30.9	
5000+	32.4	
6300+	33.4	33.8
8000+	33.7	
10000+	34.3	
Average 100-3150	19.9	



Rating according to BS EN ISO 717-1:2013
Dn,f,w (C;Ctr) = **23 (-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