



INVESTORS IN PEOPLE

See SRL Report 81973-SRL-RP-XT-002-P2 for full details

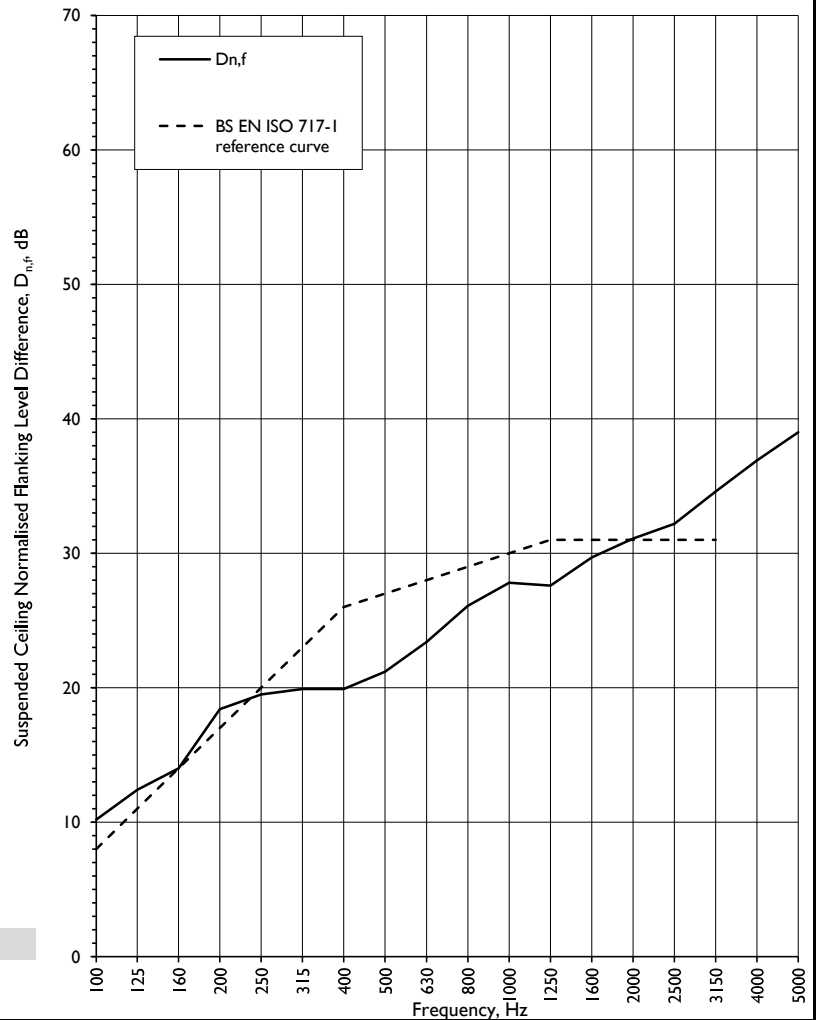
Laboratory Measurement of The Flanking Transmission of Airborne Sound Between Adjoining Rooms of a Suspended Ceiling to BS EN ISO 10848-2:2017

Test Number: 25 & 26
Client: Saint-Gobain Ecophon AB
Test Date: 15/05/2024

Test Room:
Air Temperature: 18.2 & 18.2 °C
Air Humidity: 61 & 61 %RH
Air Pressure: 998 mbar

Product Identification: TONGA A22 1200x600x22mm

Frequency, Hz	Suspended Ceiling Normalised Flanking Level Difference, dB	
	1/3 Oct	Octave
50+	13.2	10.5
63+	9.3	
80+	9.9	
100	10.2	11.9
125	12.4	
160	14.0	
200	18.4	19.2
250	19.5	
315	19.9	
400	19.9	21.3
500	21.2	
630	23.4	
800	26.1	27.1
1000	27.8	
1250	27.6	
1600	29.7	30.9
2000	31.1	
2500	32.2	
3150	34.6	36.5
4000	36.9	
5000	39.0	
6300+	42.0	43.6
8000+	44.4	
10000+	45.2	
Average 100-3150	23.0	SRL Version v3



* shows measurement corrected for background
 > shows measurement limited by background
 + shows Frequency beyond standard and not UKAS accredited

Rating according to BS EN ISO 717-1:2020

$D_{n,f,w}(C;C_{tr}) = 27 (-2;-5)$

Kieron Farrow

Kieron Farrow
 Tester

Allen Smalls

Allen Smalls
 Quality Manager