DOUBLE PASS ATTENUATION

D1522 WITH ACOUSTIC PAD AND PLASTERBOARD

TESTING SPECIFICATION

Panel Specification: 600mm wide perforated ceiling panel

Perforation: D1522

Acoustic Infill: 16x80kg/m^3 Acoustic Pad with 12.5mm Plasterboard

Void Depth: 710mm

Test Reference: BTC 15407A

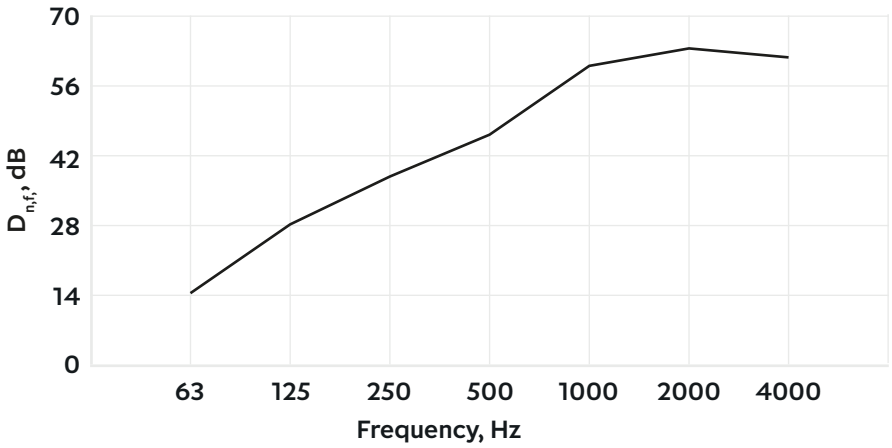
Test Date: 17/08/2007

Test Method: BS EN 20140-9:1994

RESULTS

Normalised Flanking Level Difference, $D_{n,f,}$:

Freq (Hz)	$D_{n,f}$
63	14.3
125	28.1
250	37.7
500	46.1
1000	59.9
2000	63.4
4000	61.6



Weighted Normalised Flanking Level Difference, $D_{n,f,w}$ (C;Ctr): 49 (-2;-8) dB (In accordance with BS EN ISO 717-1:2020)

Ceiling Attenuation Class, CAC: 49dB (In accordance with ASTM E413-22)