

DOUBLE PASS ATTENUATION

D1522 WITH ACOUSTIC PAD AND PLASTERBOARD



TESTING SPECIFICATION

Panel Specification: 600mm wide perforated ceiling panel

Perforation: D1522

Acoustic Infill: 16x80kg/m³ Acoustic Pad with 12.5mm Plasterboard

Void Depth: 710mm

Test Reference: BTC 15407A

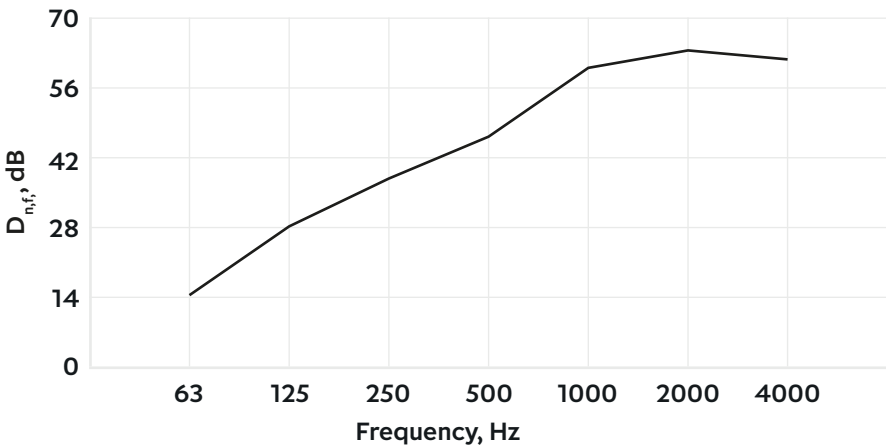
Test Date: 17/08/2007

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)

Data shown has been extracted from tests sponsored by and undertaken on behalf of SAS International Limited by a UKAS accredited independent laboratory. The results shown can only be considered to be indicative of the system. They are a reflection of the prevalent environmental conditions at the time of testing only. These results should not be considered as an infallible assessment of the Project specific requirements. Project environmental factors may differ considerably to the test environment and should not be considered to be equal or equivalent.