

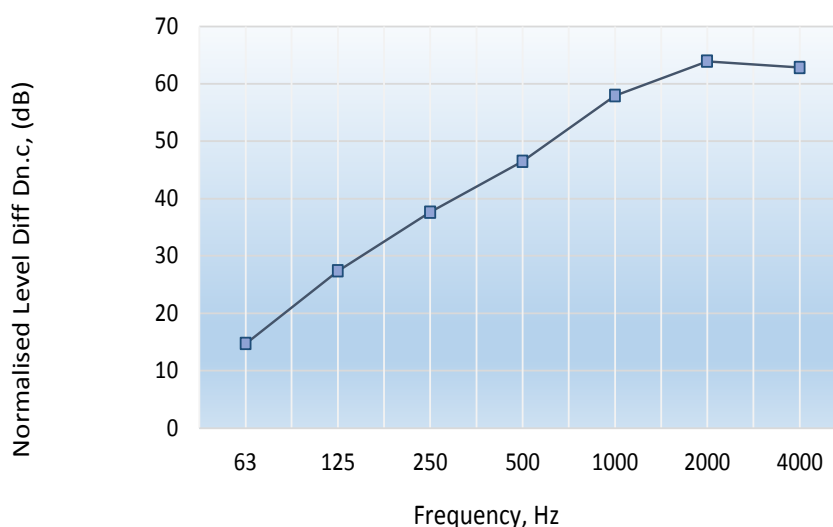
# ACOUSTIC STATEMENT

## ATTENUATION

- Acoustic infill** : 30mm thick x 45kg/m<sup>3</sup> Black tissue faced acoustic inlay with 12.5mm plasterboard overlay
  
- Perforation** : D1511 (1.5mmØ holes, 11% open area)
- Panel specification:** SAS 330
  
- Void depth** : 710
  
- Test reference** : AT/10/14538
- Sponsor** : SAS International
- Date** : 27<sup>th</sup> April 2006
- Test method** : BS EN ISO 20140-9: 1994

## RESULTS

Freq (Hz)	D <sub>nc</sub>
63	14.7
125	27.4
250	37.6
500	46.5
1000	57.9
2000	63.9
4000	62.8



**Single figure rating:**  $D_{n,c,w} (C;Ctr) = 48 (-2;-7) \text{ dB}$  According to BS EN ISO 717-1: 1997

*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.*