

# ACOUSTIC STATEMENT

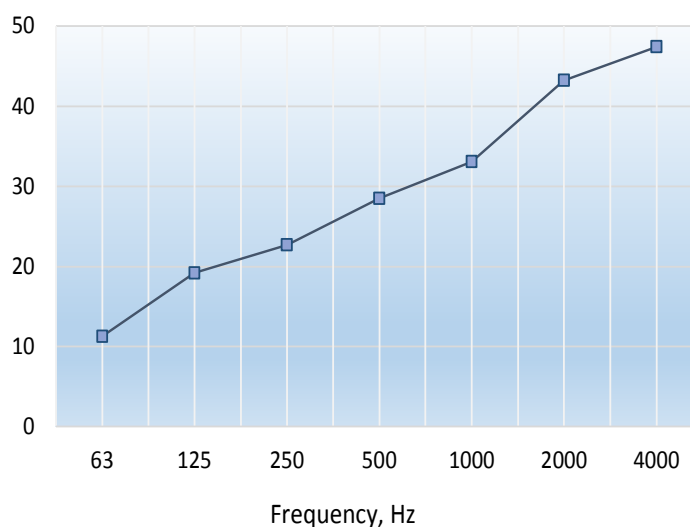
## ATTENUATION

- Acoustic infill** : 18mm thick x 80kg/m<sup>3</sup> tissue faced mineral wool inlay with reinforced aluminium foil backing
- Perforation** : S0702 Ultramicro (0.7mmØ holes, 2% open area)
- Panel specification:** SAS 130 750mm
- Void depth** : 710mm
- Test reference** : AT/11/15321
- Sponsor** : SAS International
- Date** : 27<sup>th</sup> June 2007
- Test method** : BS EN 20140-2:1993

## RESULTS

Freq (Hz)	D <sub>n,c,w</sub>
63	11.3
125	19.2
250	22.7
500	28.5
1000	33.1
2000	43.2
4000	47.4

Suspended Ceiling Normalised Flanking Level Diff D<sub>n,c</sub> dB



**Single figure rating: D<sub>n,c,w</sub> (C;Ctr)=33 (-1;-4) dB** Rating 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.*