



Airborne Sound Insulation according to ISO 140-3:1995 Laboratory measurements

Client: AMC, S.A.

Test date: 22/07/04

Test specimen: False ceiling (3 plasterboards) with 'Akustik 4' supports under floor.

Description of test specimen:

The test specimen consists of a floor with false ceiling. The specimen has been mounted inside a reinforced concrete frame and a test aperture of 3,3 x 4,2 m.

Receiving room volume: 61,0 m³

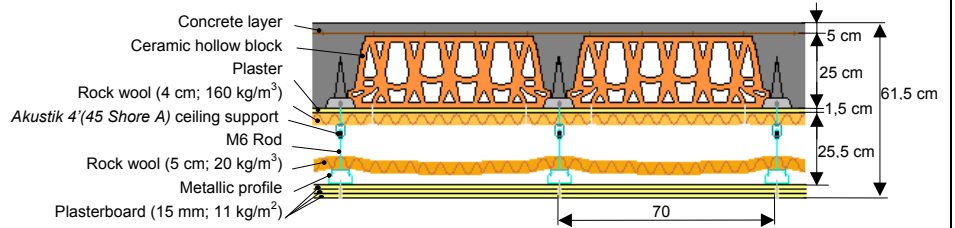
Source room volume: 53,6 m³

Test specimen area: 13,86 m²

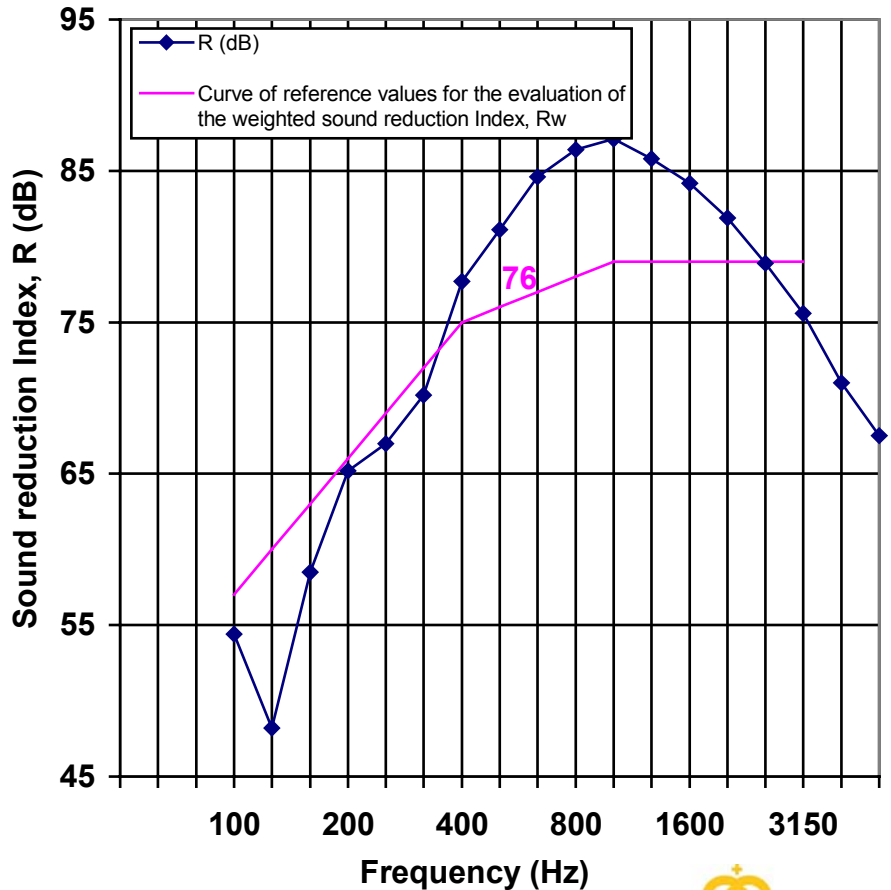
Mass per unit area estimated: 356 kg/m²

Air temperature: 20,9 °C

Air humidity: 73 %



f (Hz)	R (dB)
100.	54,4
125.	48,2
160.	58,5
200.	65,2
250.	67,0
315.	70,2
400.	77,7
500.	81,1
630.	84,6
800.	86,4
1000.	87,1
1250.	85,8
1600.	84,2
2000.	81,9
2500.	78,9
3150.	75,6
4000.	71,0
5000.	67,5



Rating according to: ISO 717-1:1996 $R_w(C;C_{tr})$: 76 (-4 ; -10) dB
 NBE-CA 88 $R(A)$: 71,3 dB(A)
Evaluation based on laboratory measurement results obtained by an engineering method
. Next to Rmax



No. of result: B0082 – 26 – M56

Signature: *[Handwritten Signature]*

Acoustics Area
 Managed by

Date: August 30th 2004

