



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

Client: AMC, S.A.

Test date: 16/07/04

Test specimen: False ceiling (2 plasterboards) 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

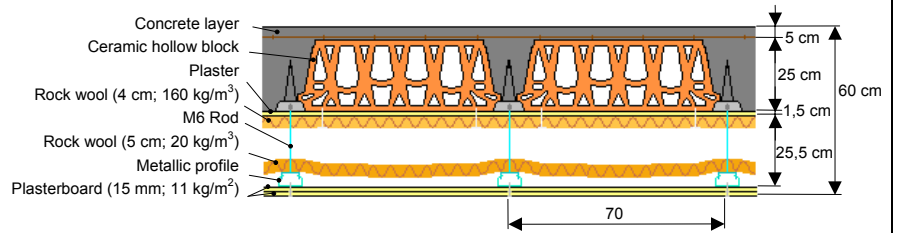
Source room volume: 53,6 m³

Test specimen area: 13,86 m²

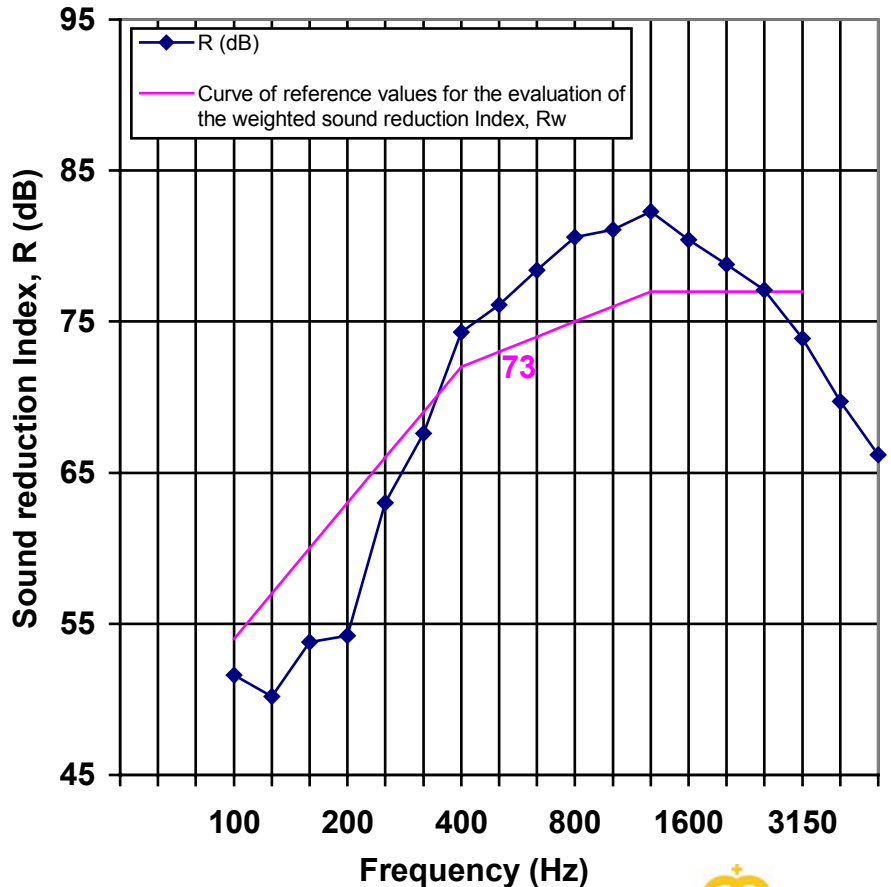
Mass per unit area estimated: 345 kg/m²

Air temperature: 19,5 °C

Air humidity: 72,0 %



f (Hz)	R (dB)
100.	51,6
125.	50,2
160.	53,8
200.	54,2
250.	63,0
315.	67,6
400.	74,3
500.	76,1
630.	78,4
800.	80,6
1000.	81,1
1250.	82,3
1600.	80,4
2000.	78,8
2500.	77,1
3150.	73,9
4000.	69,7
5000.	66,2



Rating according to: ISO 717-1:1996 $R_w(C;C_{tr})$: 73 (-3 ; -9) dB
 NBE-CA 88 $R(A)$: 69,3 dB(A)
Evaluation based on laboratory measurement results obtained by an engineering method
. Next to Rmax



No. of result: B0082 – 26 – M52

Signature: *[Handwritten Signature]*

Acoustics Area
 Managed by

Date: August 27th 2004

