



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

Client: AMC, S.A.

Test date: 27/07/04

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

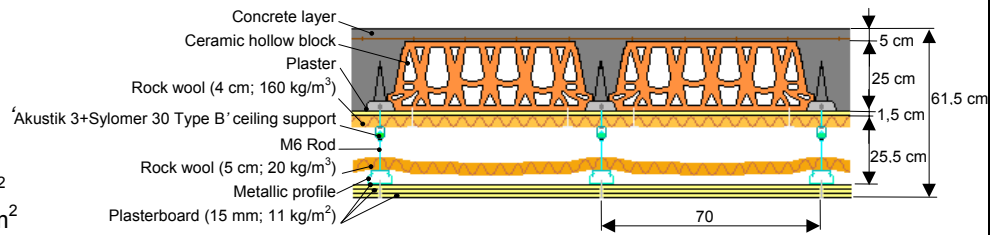
Description of test specimen:

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.

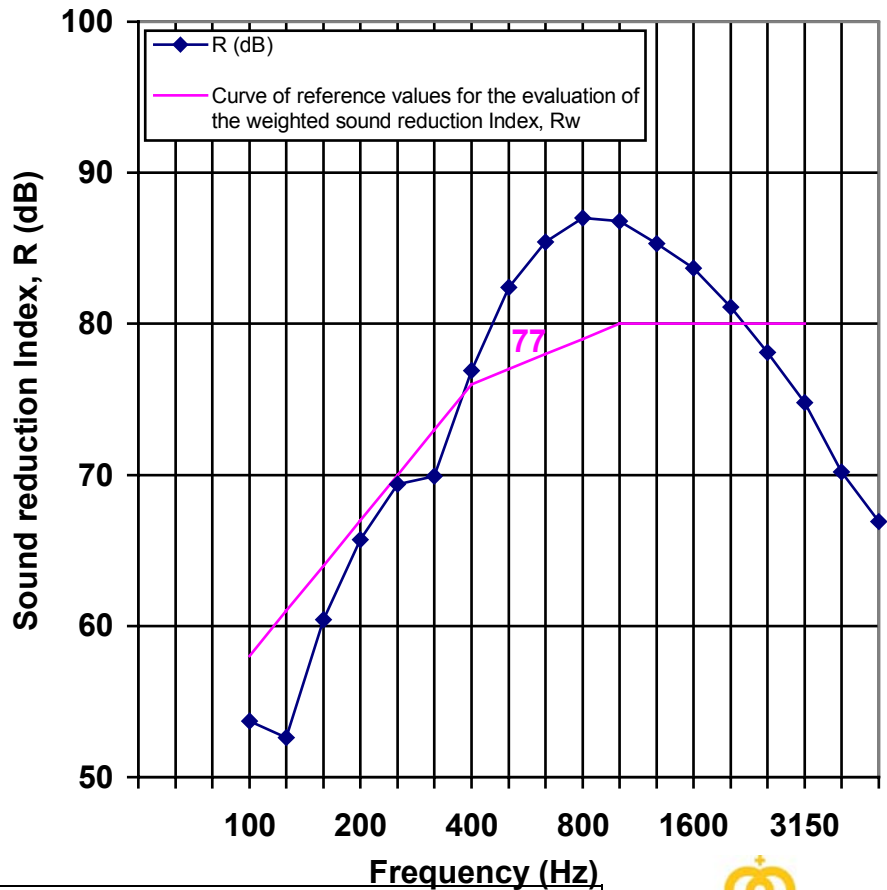
Receiving room volume: 61,0 m³
 Source room volume: 53,6 m³

Test specimen area: 13,86 m²
 Mass per unit area estimated: 356 kg/m²

Air temperature: 21,8 °C
 Air humidity: 66 %



f (Hz)	R (dB)
100.	53,7
125.	52,6
160.	60,4
200.	65,7
250.	69,4
315.	69,9
400.	76,9
500.	82,4
630.	85,4
800.	87,0
1000.	86,8
1250.	85,3
1600.	83,7
2000.	81,1
2500.	78,1
3150.	74,8
4000.	70,2
5000.	66,9



Rating according to: ISO 717-1:1996 R_w(C;C_{tr}): 77 (-3 ; -8) dB
 NBE-CA 88 R(A): 72,3 dB(A)
Evaluation based on laboratory measurement results obtained by an engineering method
. Next to R_{max}



No. of result: B0082 – 26 – M59

Signature:

Acoustics Area
 Managed by

Date: August 30th 2004

