



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

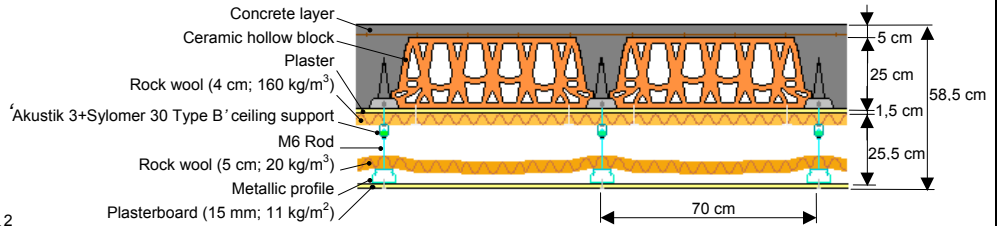
Client: AMC, S.A.

Test date: 23/07/04

Test specimen: False ceiling (1 plasterboard) 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.

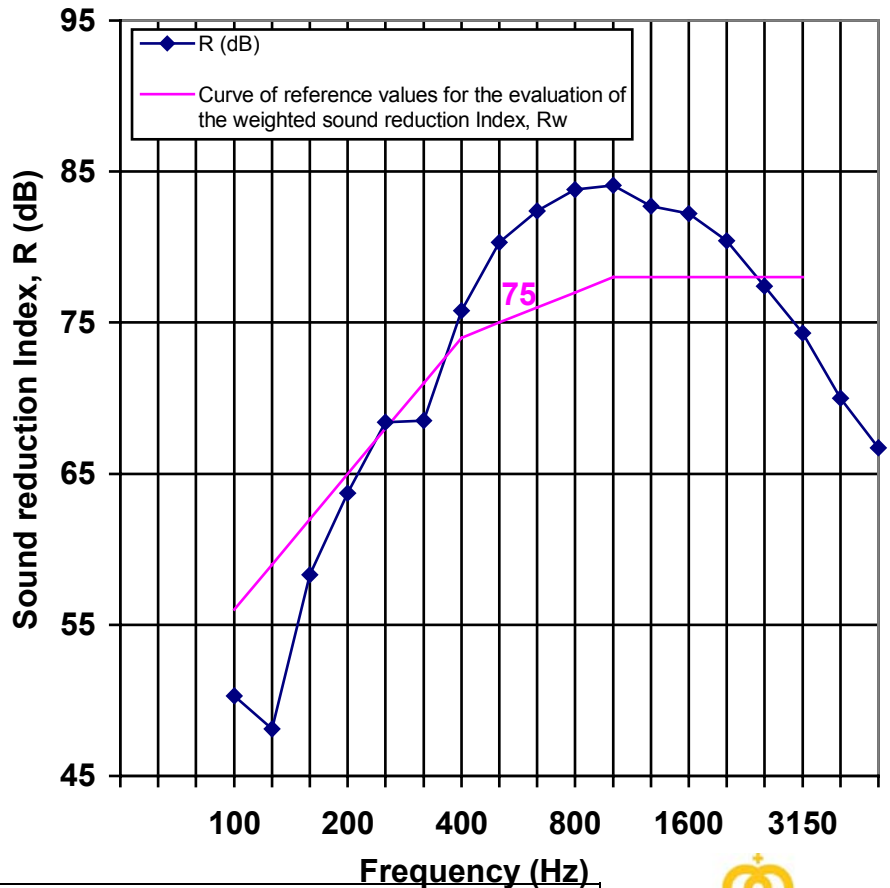


Receiving room volume: 61,0 m³
 Source room volume: 53,6 m³

Test specimen area: 13,86 m²
 Mass per unit area estimated: 334 kg/m²

Air temperature: 20,5 °C
 Air humidity: 84 %

f (Hz)	R (dB)
100.	50,3
125.	48,1
160.	58,3
200.	63,7
250.	68,4
315.	68,5
400.	75,8
500.	80,3
630.	82,4
800.	83,8
1000.	84,1
1250.	82,7
1600.	82,2
2000.	80,4
2500.	77,4
3150.	74,3
4000.	70,0
5000.	66,7



Rating according to: ISO 717-1:1996 R_w(C;C_{tr}): 75 (-4 ; -10) dB
 NBE-CA 88 R(A): 70,4 dB(A)
Evaluation based on laboratory measurement results obtained by an engineering method
. Next to R_{max}



No. of result: B0082 – 26 – M57

Signature:

Acoustics Area
 Managed by

Date: August 30th 2004

