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

Client: AMC, S.A. **Test date:** 21/07/04

Test specimen: False ceiling (2 plasterboards) with *'Akustik 4'* supports under floor.

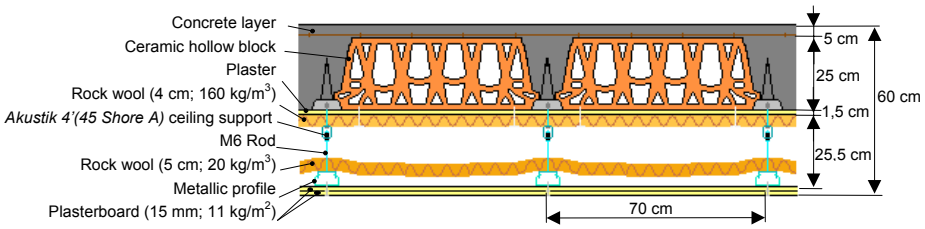
Description of test specimen:

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.

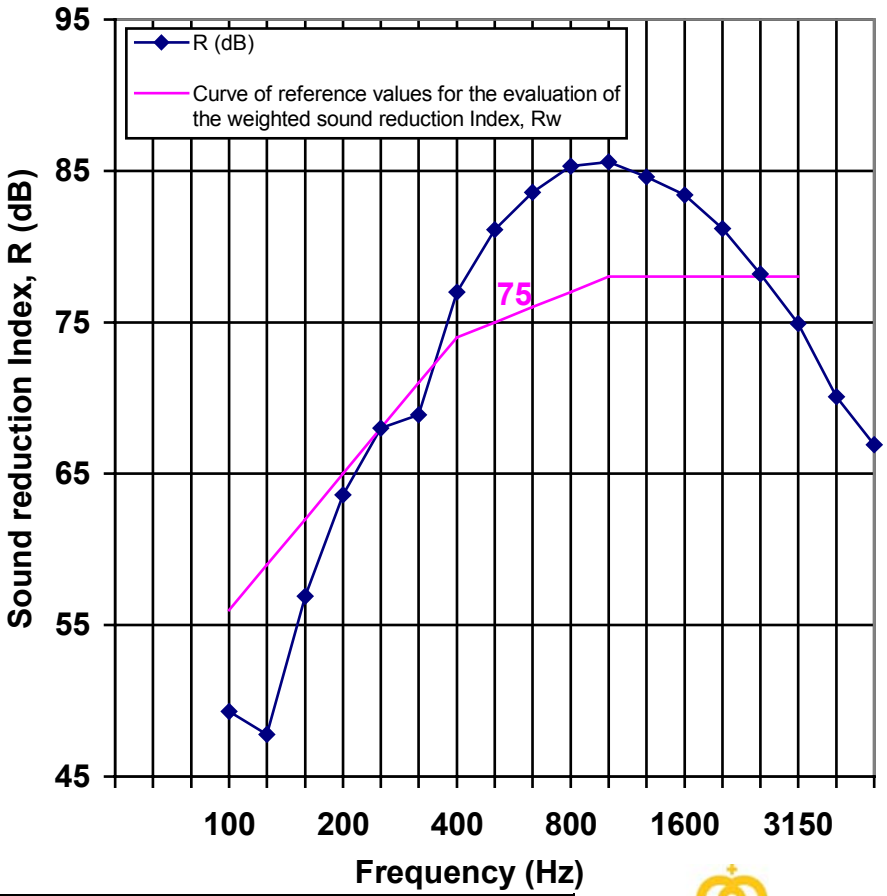
Receiving room volume: 61,0 m^3
Source room volume: 53,6 m^3

Test specimen area: 13,86 m^2
Mass per unit area estimated: 345 kg/m^2

Air temperature: 20,5 ºC
Air humidity: 77 %



f (Hz)	R (dB)
100.	49,3
125	47,8
160.	56,9
200.	63,6
250.	68,0
315.	68,9
400.	77,0
500.	81,1
630.	83,6
800.	85,3
1000.	85,6
1250.	84,6
1600	83,4
2000.	81,2
2500	78,2
3150	74,9
4000	70,1
5000	66,9



Rating according to:			
	ISO 717-1:1996	$R_w(C;C_{tr})$:	75 (-4 ; -10) dB
	NBE-CA 88	R(A):	70,3 dB(A)

Evaluation based on laboratory measurement results obtained by an engineering method
. Next to Rmax

ENAC ENSAYOS Nº 4 / LE 456

No. of result: B0082 – 26 – M55
Date: August 30th 2004

Signature:

Acoustics Area
Managed by LABEIN TECHNOLOGICAL CENTRE