

ACOUSTIC CERTIFICATE 45dB

WE HEREBY CERTIFY, under our responsibility, that the door:

Product: TANE's Acoustic Door

Model:

Serial number:

Year of construction:

It is built up agreed with the sample carried at **LGAI Technological Center, S.A.**, for the test according to the method of the test described in the normative **UNE 74-040**, according to the file number **95.008.583**, obtaining the following results:

Global rate to the airborne sound insulation: 44,2 dB (A)	
Insulation rate R_w :	44 dB

This normative is equal to the European rules:

- * **UNE-EN ISO 140-1** *"Acoustics. Measurement of sound insulation in buildings and of buildings elements.
Part 1: Requirements for laboratory test facilities with suppressed flanking transmission."*
- * **UNE-EN ISO 140-2:1991** *"Acoustics. Measurement of sound insulation in buildings and of buildings elements.
Part 2: Determination, verification and application of precision data."*
- * **UNE-EN ISO 140-3:1995** *"Acoustics. Measurement of sound insulation in buildings and of buildings elements.
Part 3: Laboratory measurements of airborne sound insulation of buildings elements."*
- * **UNE-EN ISO 717-1** *"Acoustics. Rating of sound insulation in buildings and of buildings elements
Part 1: Airborne sound insulation."*

La Vall de Bianya, May 31st 2.007


 Narcís de Ciurana
 Technical Shift
TANÉ HERMÈTIC, S.L.

Expedient número : 95.008.583

Full número : 2

Índex d'aïllament R, per freqüències.

f (Hz)	100	125	160	200	250	315
R (dB)	34,5	38	37,5	40,5	45,5	44

f (Hz)	400	500	630	800	1000	1250
R (dB)	42,5	41	40	38,5	41,5	44

f (Hz)	1600	2000	2500	3150	4000	5000
R (dB)	47	48,5	49	49,5	50,5	55

Índex d'aïllament global al soroll rosa : 44,2 dB(A)

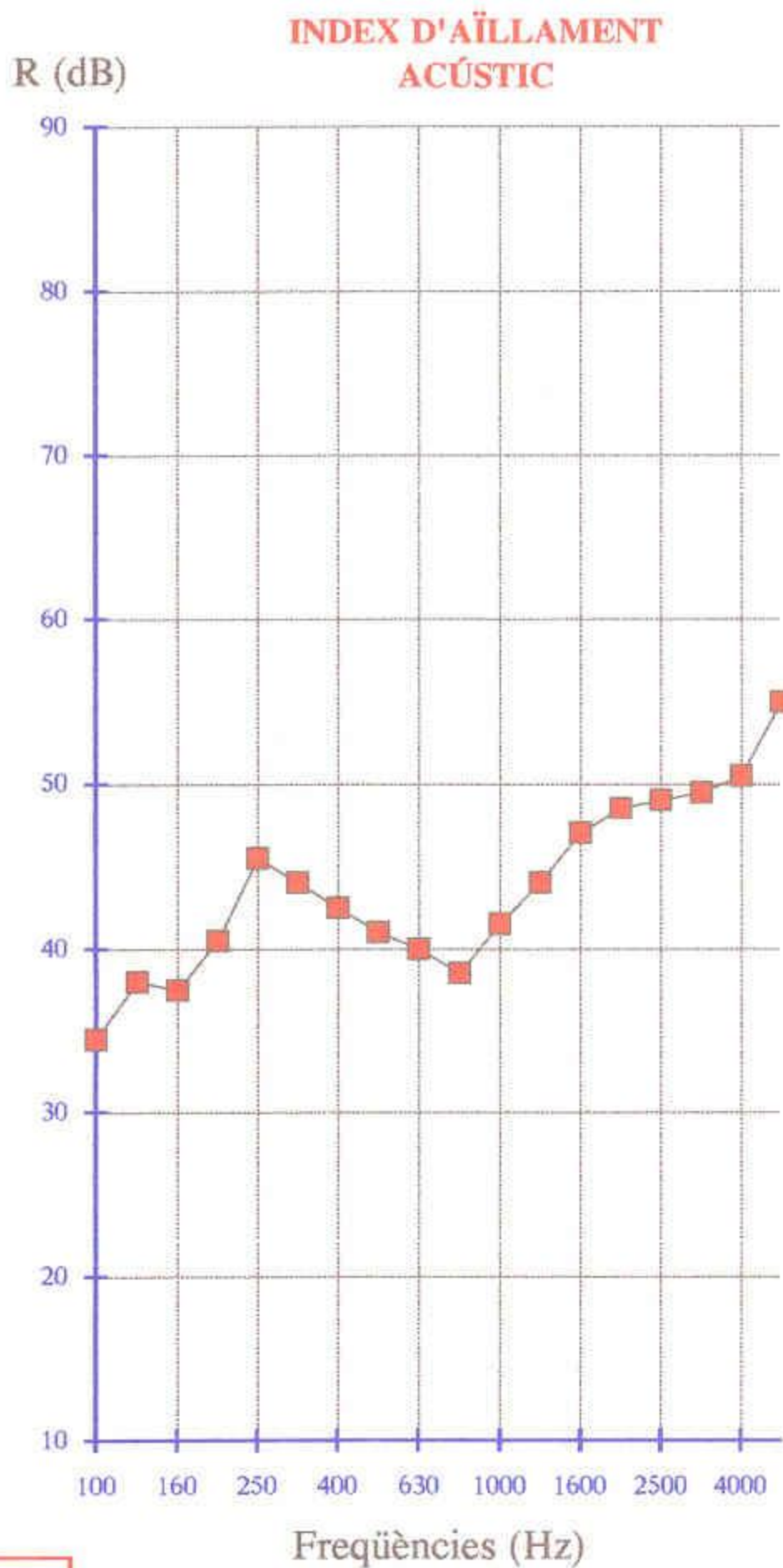
Índex d'aïllament R_w : 44 dB

Condicions Ambientals

Temperatura : 22 °C
Humitat relativa : 82 %

Volum de les sales d'assaig

Emissora : 49,4 m³
Receptora : 57,7 m³



Generalitat de Catalunya
Departament d'Indústria i Energia
Laboratori General d'Assaigs
i Investigacions

Mètode d'assaig ME-03.009 del LGAI, basat en la norma UNE 74-040-84, parts 1, 2 i 3 (equivalent a la norma internacional ISO 140/1985), i la norma internacional ISO 717, part 1.