

## **ACOUSTIC CERTIFICATE 52dB**

**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 **95.008.581**, obtaining the following results:

<b>Global rate to the airborne sound insulation: 51,5 dB (A)</b>	
<b>Insulation rate <math>R_w</math> :</b>	<b>52 dB</b>

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 31<sup>st</sup> 2.007



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

Expedient número : 95.008.581

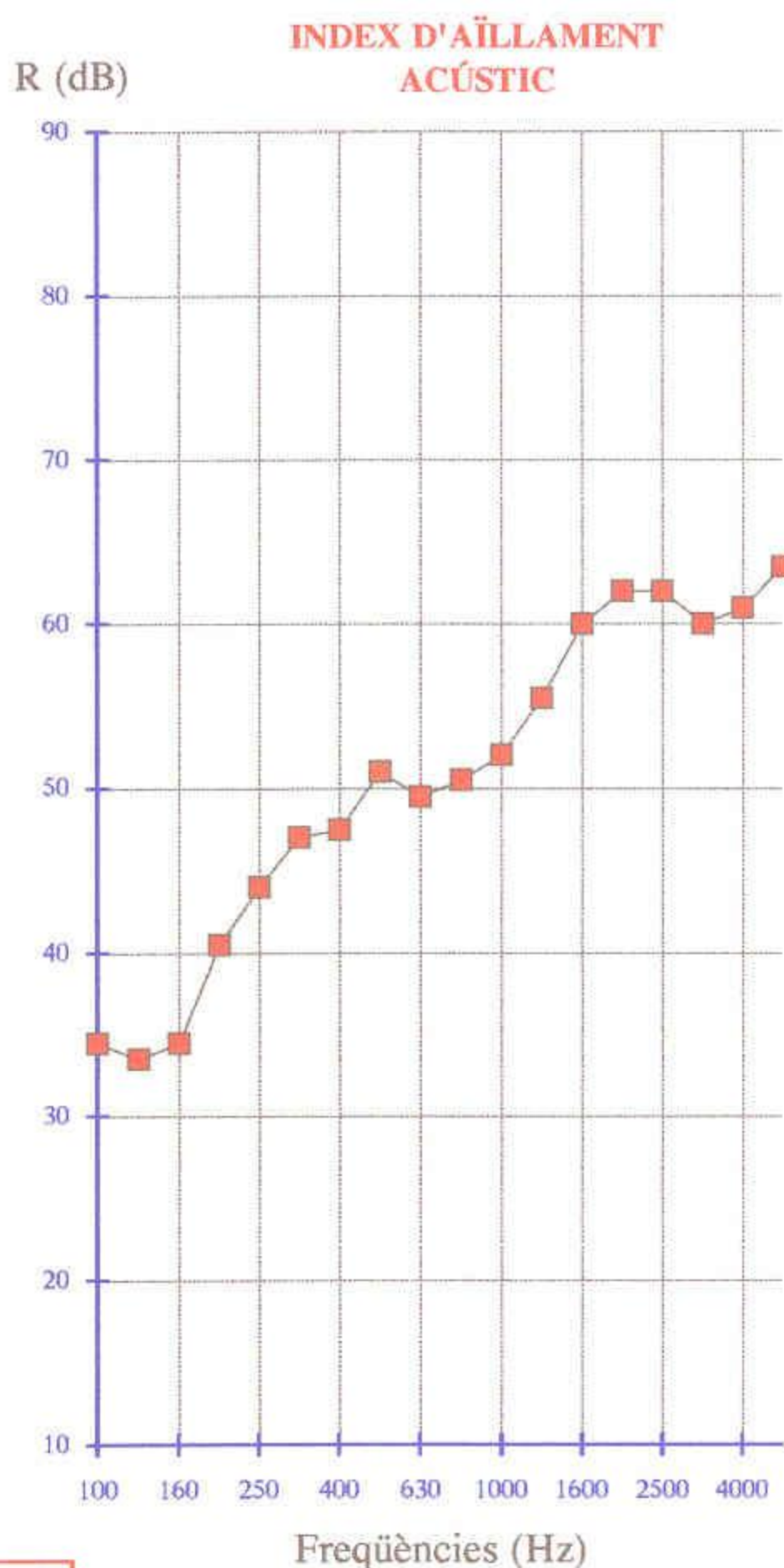
Full número : 2

Index d'aïllament R, per freqüències.

f (Hz)	100	125	160	200	250	315
R (dB)	34,5	33,5	34,5	40,5	44	47

f (Hz)	400	500	630	800	1000	1250
R (dB)	47,5	51	49,5	50,5	52	55,5

f (Hz)	1600	2000	2500	3150	4000	5000
R (dB)	60	62	62	60	61	63,5



**Índex d'aïllament global al soroll rosa : 51,5 dB(A)**

**Índex d'aïllament  $R_w$  : 52 dB**

Condicions Ambientals

Temperatura : 22 °C  
Humitat relativa : 82 %

Volum de les sales d'assaig

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

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



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



Generalitat de Catalunya  
Adscrit al Departament d'Indústria i Energia