

Sound Insulation

According to
ISO 140/3

A5

Authorizing Company: ETEM S.A.

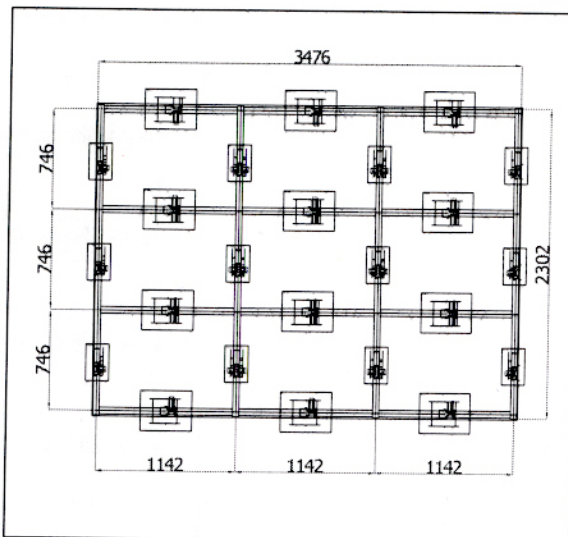
Dimensions in mm

Specimen description:

*Alouminium glass curtain wall system
E-85 series.
Area : 8,15 m²
Total glazing thickness: 37 mm*

Layers:

*Thermal insulating glazing
4-20-6+6 mm
Rubber seals between glazing and
cross bars - columns*

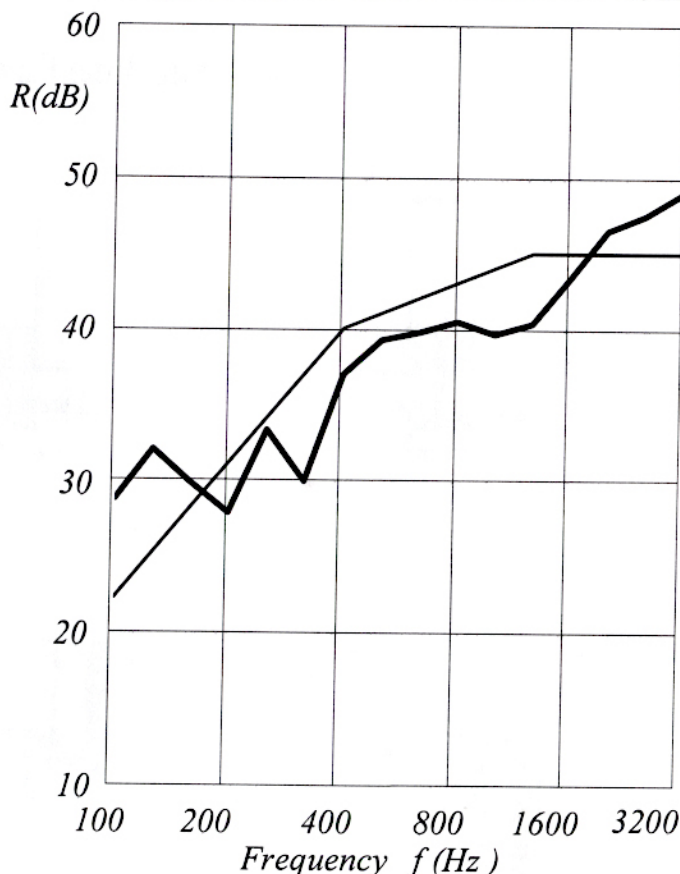


Test rooms:

Volumes:

*V source = 50.8 m³
V receiving = 43.0 m³*

*Type of room : Laboratory test room
Room condition: Empty
Excitation : White noise
Filter : 1/3 octave*



Evaluation according to ISO 717/1

Weighted Sound Reduction Index

$$R_w = 41 \text{ dB}$$

f(Hz):	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150
R(dB):	28,6	31,9	29,7	27,7	33,2	29,8	36,9	39,2	39,7	40,4	39,6	40,3	43,3	46,5	47,5	49,0

Test number: **A5.403.06**

Date of test: **23.06.2006 Π**

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Signature