

Computation of the Sound Transmission Loss

Modelling and Computation done by Saint-Gobain CRDC
Computation hypothesis defined to model a measurement according to EN ISO 140

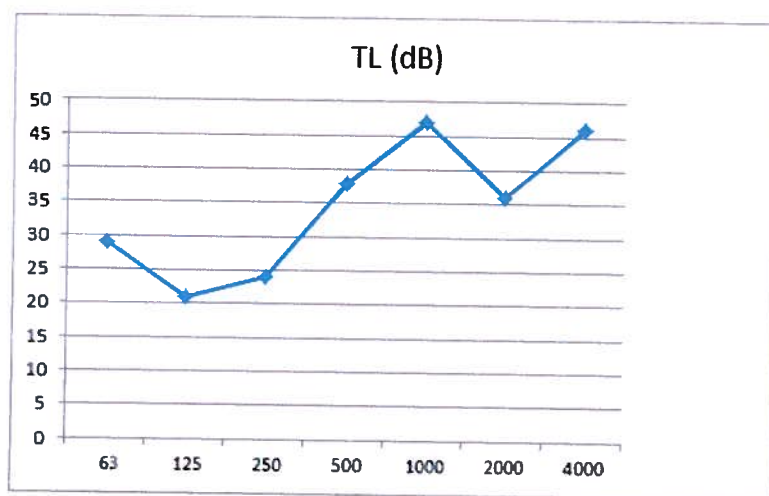
All the results, notices, measures, diagrams or charts and any other elements in this document have been obtained in Saint-Gobain's laboratories under specific circumstances. They are for information purposes only and have no contractual value. Saint-Gobain will not be liable for them in any circumstances.

Glazing: 6 (16AR) 33.1

Ratings: According to ISO 717-1 100Hz - 3150Hz

$R_w(C;C_{tr}) = 36(-1;-5)$ dB $R_A = 35$ dB $R_{A,tr} = 31$ dB

Results: Sound Transmission Loss by third-octave band



Frequency (Hz)	R (dB)
63	29
125	21
250	24
500	38
1000	47
2000	36
4000	46

180046

Computation details: Composition No. 31 calculated the 07/10/2011

- Overall dimensions 1480mm x 1230mm
- Composition: Glass 1: SGG PLANILUX 6
Gaz 1: AR 16
Glass 2: SGG STADIP 33.1

