

MEASUREMENT OF SOUND TRANSMISSION LOSS (EN ISO 140 & EN ISO 717)

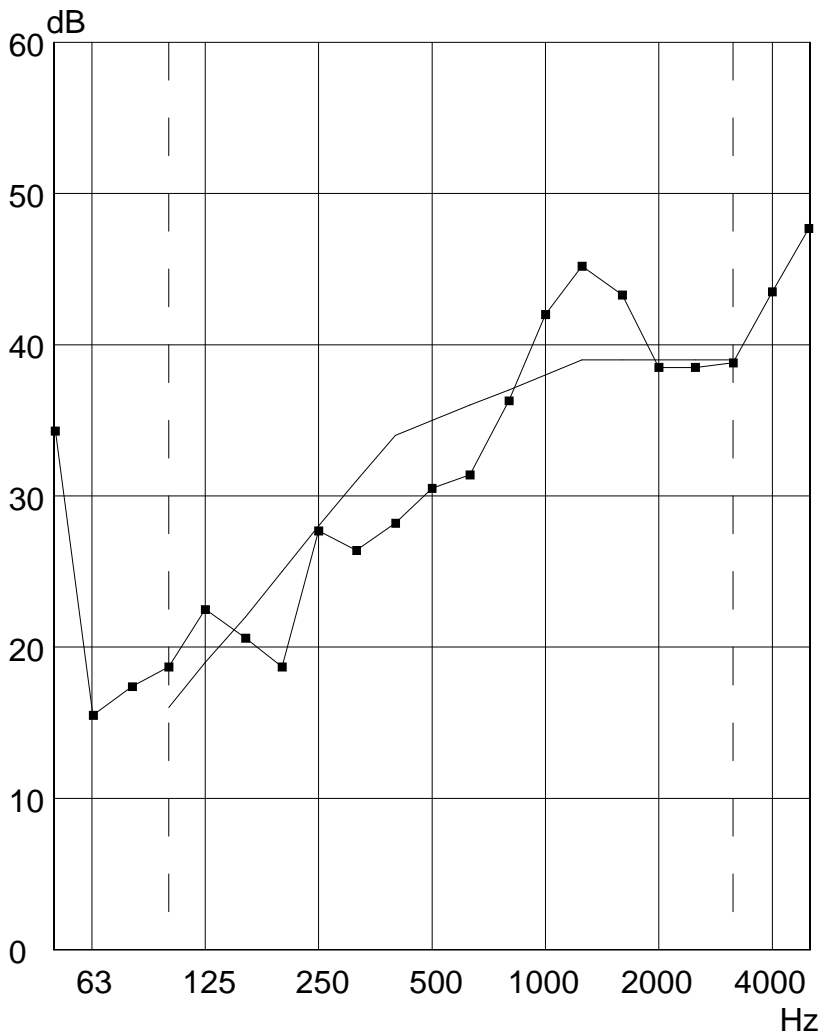
Test Details :

SAINT-GOBAIN GLASS
 SGG SWISSPACER ACOUSTIC
 SGG PLANILUX 4 (20) SGG PLANILUX 6
 Total thickness : 30 mm
 Overall dimensions : 1.48m x 1.23m
 Dimensions of opening : 1.43m x 1.18m
 Mounting conditions : following EN ISO 140

Measuring conditions :

Volume of emission room : 85.8 m³
 Volume of reception room : 61.5 m³
 Air temperature inside laboratory : 24 °C
 Third octave measurement, analyser and white
 noise generator NORSONIC 830-2

RESULTS :



Frequency	R
50	34
63	16
80	17
100	19
125	23
160	21
200	19
250	28
315	26
400	28
500	31
630	31
800	36
1000	42
1250	45
1600	43
2000	39
2500	39
3150	39
4000	44
5000	48

RATINGS :

Standard : EN ISO 717

R_w(C;Ctr) =
 35 (-2;-5) dB

R_A = 33 dB
 R_{A,tr} = 30 dB

Test N° : 625982

Measurement made by Centre
 de Développement Industriel
 - Test Date : 11/07/01