

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

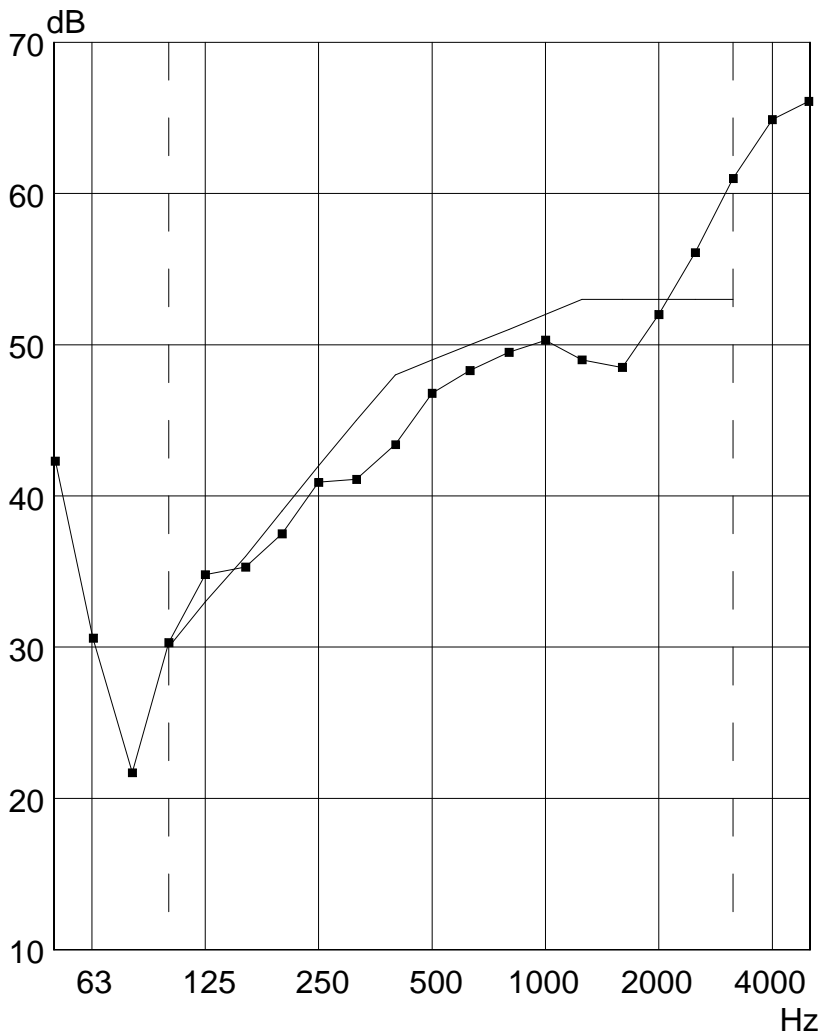
Test Details :

SAINT-GOBAIN GLASS
 SGG CLIMALIT SILENCE
 SGG STADIP SILENCE 16.8 (15) SGG STADIP SILENCE 16.8
 Total thickness : 49 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
 Ambient conditions in the laboratory : 21°C - 32% HR
 Third octave measurement, analyser and white
 noise generator NORSONIC 830-2

RESULTS :



Frequency	R
50	42
63	31
80	22
100	30
125	35
160	35
200	38
250	41
315	41
400	43
500	47
630	48
800	50
1000	50
1250	49
1600	49
2000	52
2500	56
3150	61
4000	65
5000	66

RATINGS :

Standard : EN ISO 717

$R_w(C;Ctr) =$
 49 (-1;-5) dB

$R_A = 48$ dB
 $R_{A,tr} = 44$ dB

Test N° : 626785

Measurement made by Centre
 de Développement Industriel
 - Test Date : 28/10/03