

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

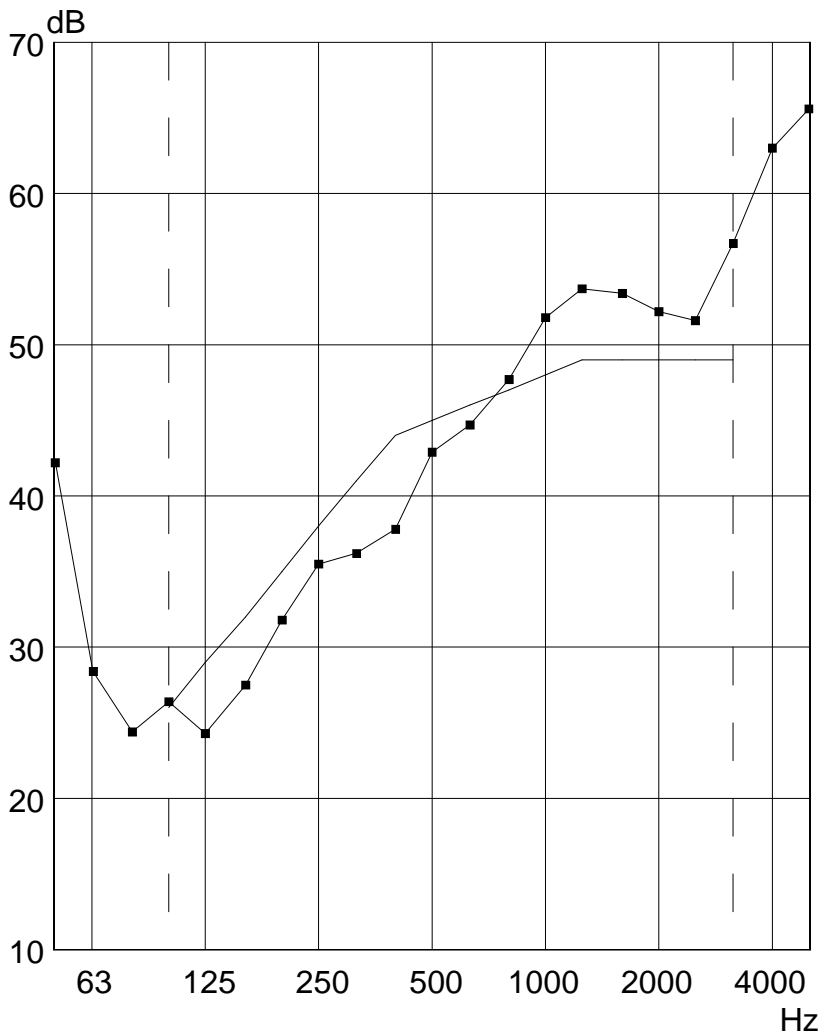
Test Details :

SAINT-GOBAIN GLASS
 SGG CLIMALIT SILENCE
 SGG STADIP SILENCE 10.8 (15) SGG STADIP SILENCE 10.8
 Total thickness : 37 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 : 20°C - 29%HR
 Third octave measurement, analyser and white noise generator NORSONIC 830-2

RESULTS :



Frequency	R
50	42
63	28
80	24
100	26
125	24
160	28
200	32
250	36
315	36
400	38
500	43
630	45
800	48
1000	52
1250	54
1600	53
2000	52
2500	52
3150	57
4000	63
5000	66

RATINGS :

Standard : EN ISO 717

$R_w(C;Ctr) =$
 45 (-2;-6) dB

$R_A = 43$ dB
 $R_{A,tr} = 39$ dB

Test N° : 626787

Measurement made by Centre
 de Développement Industriel
 - Test Date : 29/10/03