

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

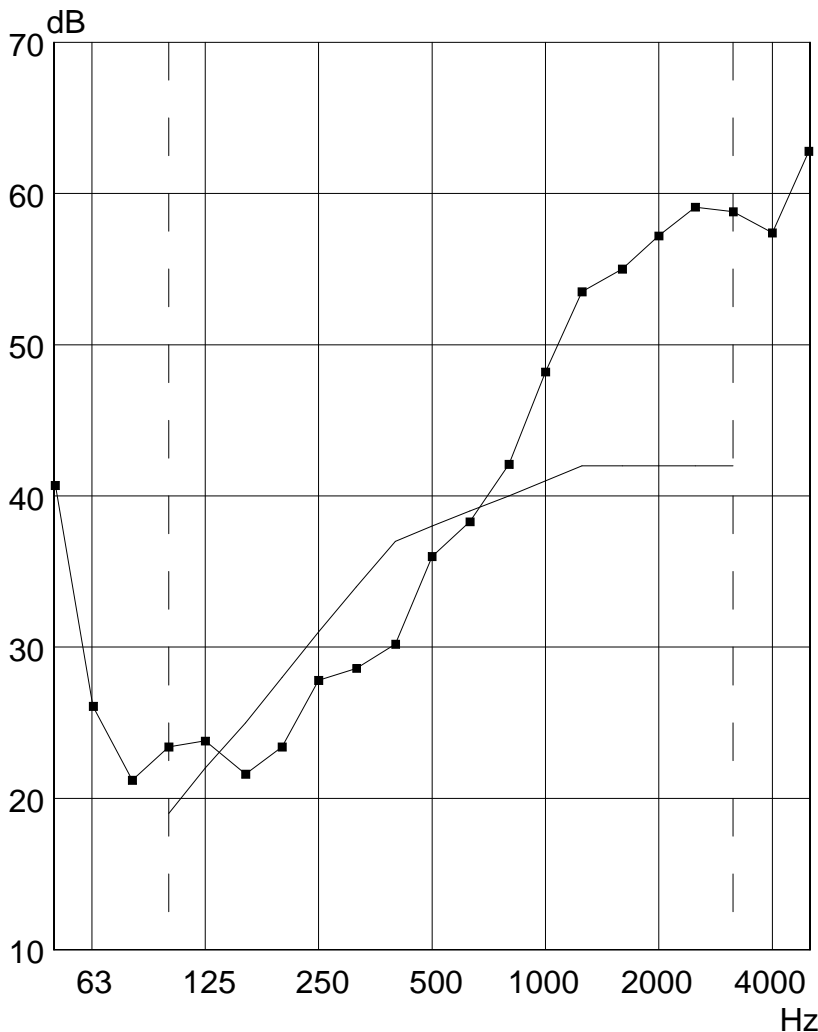
Test Details :

SAINT-GOBAIN GLASS
 SGG CLIMALIT SILENCE
 SGG STADIP SILENCE 6.8 (15) SGG STADIP SILENCE 6.8
 Total thickness : 29 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 - 31%HR
 Third octave measurement, analyser and white
 noise generator NORSONIC 830-2

RESULTS :



Frequency	R
50	41
63	26
80	21
100	23
125	24
160	22
200	23
250	28
315	29
400	30
500	36
630	38
800	42
1000	48
1250	54
1600	55
2000	57
2500	59
3150	59
4000	57
5000	63

RATINGS :

Standard : EN ISO 717

$R_w(C;Ctr) =$
 38 (-1;-5) dB

$R_A = 37$ dB
 $R_{A,tr} = 33$ dB

Test N° : 626788

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