

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

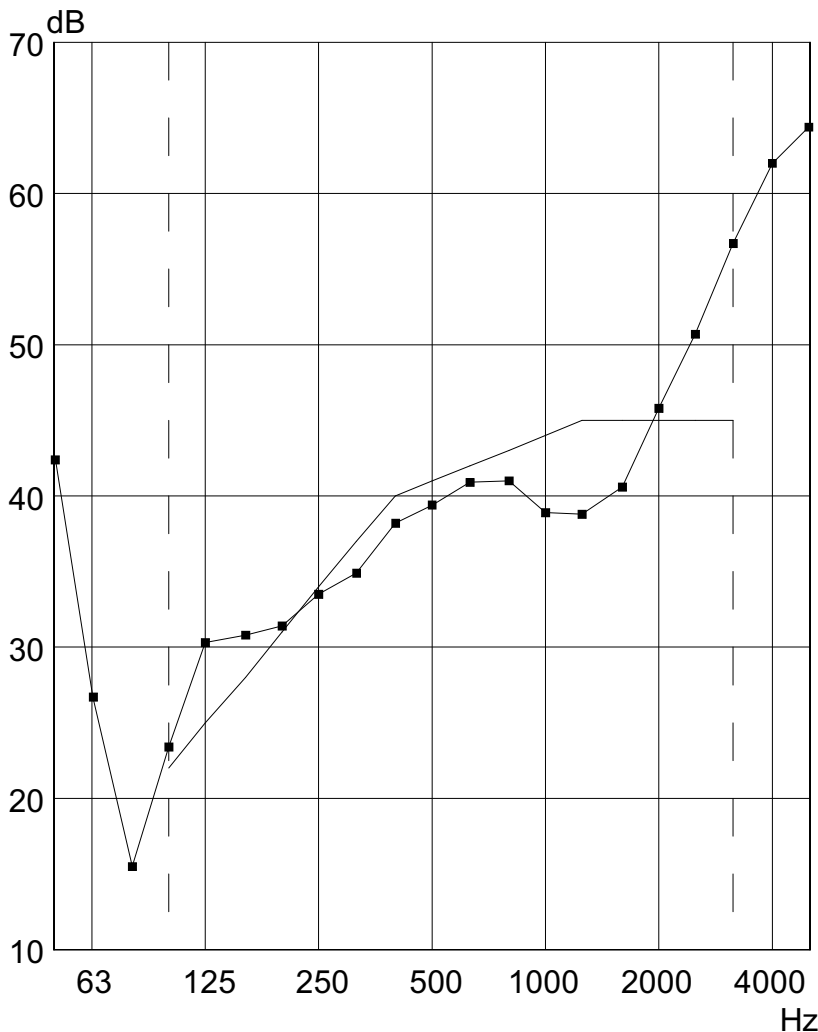
Test Details :

SAINT-GOBAIN GLASS
 SGG CLIMALIT SILENCE
 SGG STADIP SILENCE 14.8 (16) SGG PLANILUX 10
 Total thickness : 41 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 - 31%HR
 Third octave measurement, analyser and white noise generator NORSONIC 830-2

RESULTS :



Frequency	R
50	42
63	27
80	16
100	23
125	30
160	31
200	31
250	34
315	35
400	38
500	39
630	41
800	41
1000	39
1250	39
1600	41
2000	46
2500	51
3150	57
4000	62
5000	64

RATINGS :

Standard : EN ISO 717

$R_w(C;Ctr) =$
 41 (-1;-4) dB

$R_A = 40$ dB
 $R_{A,tr} = 37$ dB

Test N° : 626912

Measurement made by Centre
 de Développement Industriel
 - Test Date : 19/04/04