

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

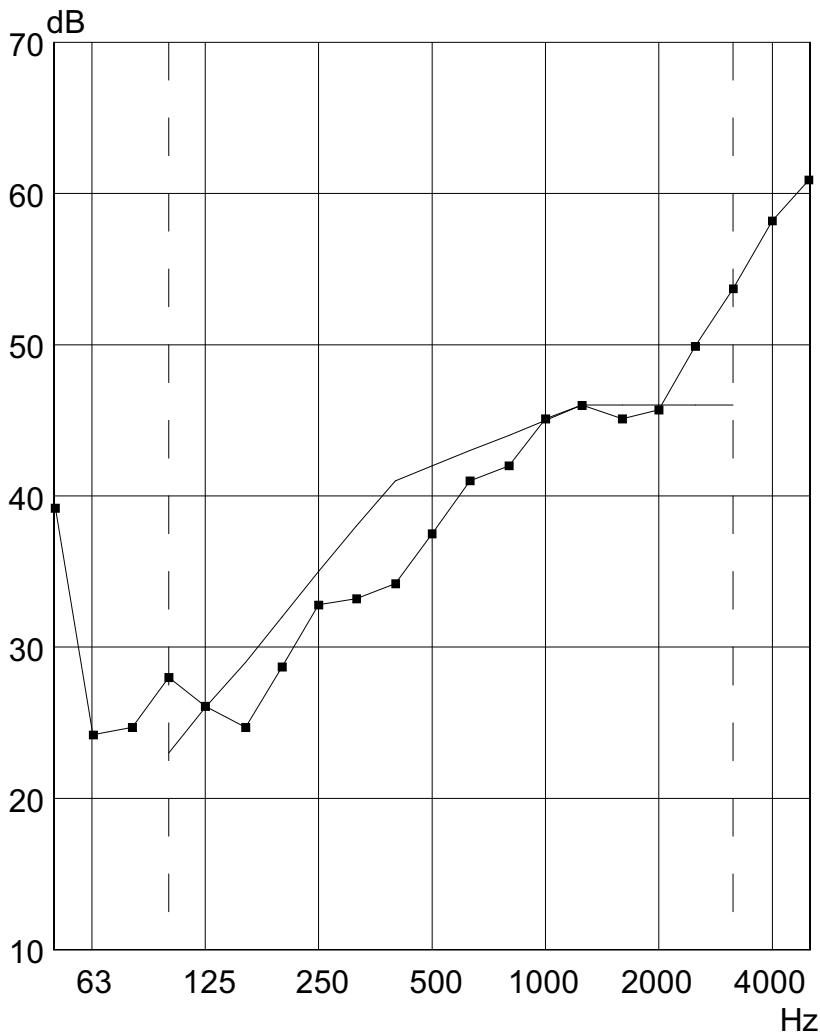
Test Details :

SAINT-GOBAIN GLASS
 SGG CLIMALIT SILENCE
 SGG STADIP SILENCE 8.8 (15) SGG PLANILUX 10
 Total thickness : 34 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 - 33%HR
 Third octave measurement, analyser and white noise generator NORSONIC 830-2

RESULTS :



Frequency	R
50	39
63	24
80	25
100	28
125	26
160	25
200	29
250	33
315	33
400	34
500	38
630	41
800	42
1000	45
1250	46
1600	45
2000	46
2500	50
3150	54
4000	58
5000	61

RATINGS :

Standard : EN ISO 717

$R_w(C;Ctr) =$
 42 (-2;-5) dB

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

Test N° : 626867

Measurement made by Centre
 de Développement Industriel
 - Test Date : 25/03/04