

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

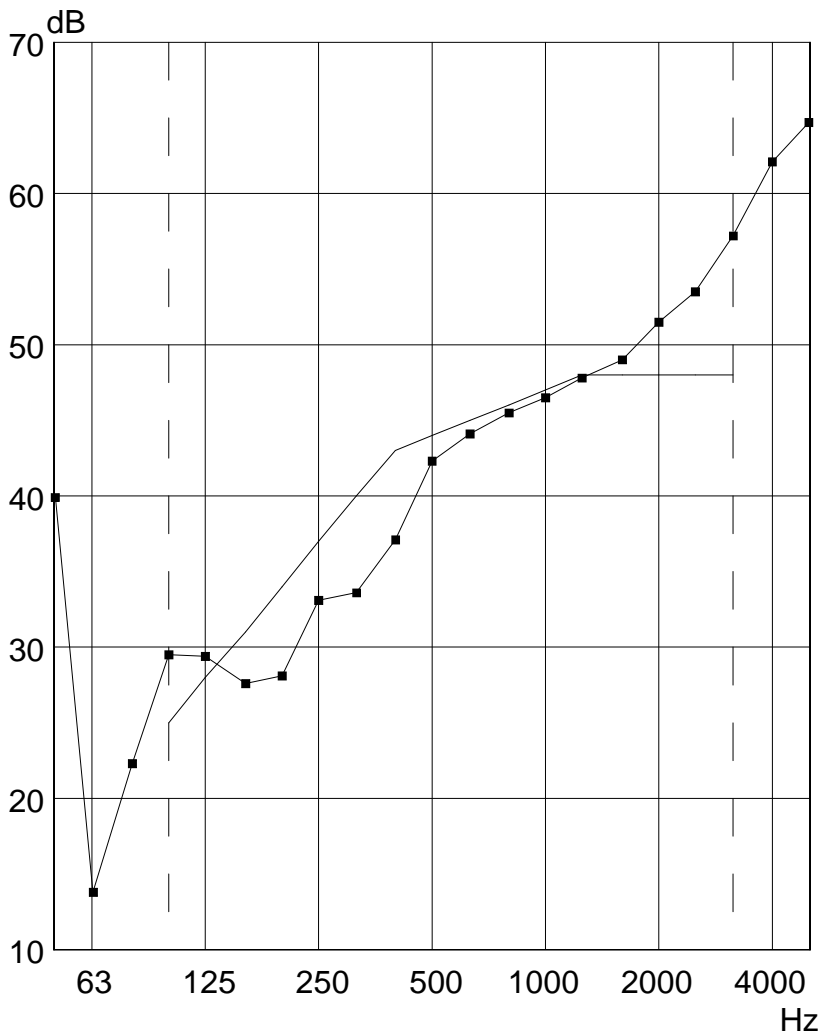
Test Details :

SAINT-GOBAIN GLASS
 SGG CLIMALIT ACOUSTIC
 SGG STADIP SILENCE 8.4 (16 Arg) SGG STADIP PROTECT 10.4
 Total thickness : 35 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
 Air temperature inside laboratory : 22 °C
 Third octave measurement, analyser and white noise generator NORSONIC 830-2

RESULTS :



Frequency	R
50	40
63	14
80	22
100	30
125	29
160	28
200	28
250	33
315	34
400	37
500	42
630	44
800	46
1000	47
1250	48
1600	49
2000	52
2500	54
3150	57
4000	62
5000	65

RATINGS :

Standard : EN ISO 717

$R_w(C;Ctr) =$
 44 (-2;-6) dB

$R_A = 42$ dB
 $R_{A,tr} = 38$ dB

Test N° : 626024

Measurement made by Centre
 de Développement Industriel
 - Test Date : 14/09/01