

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

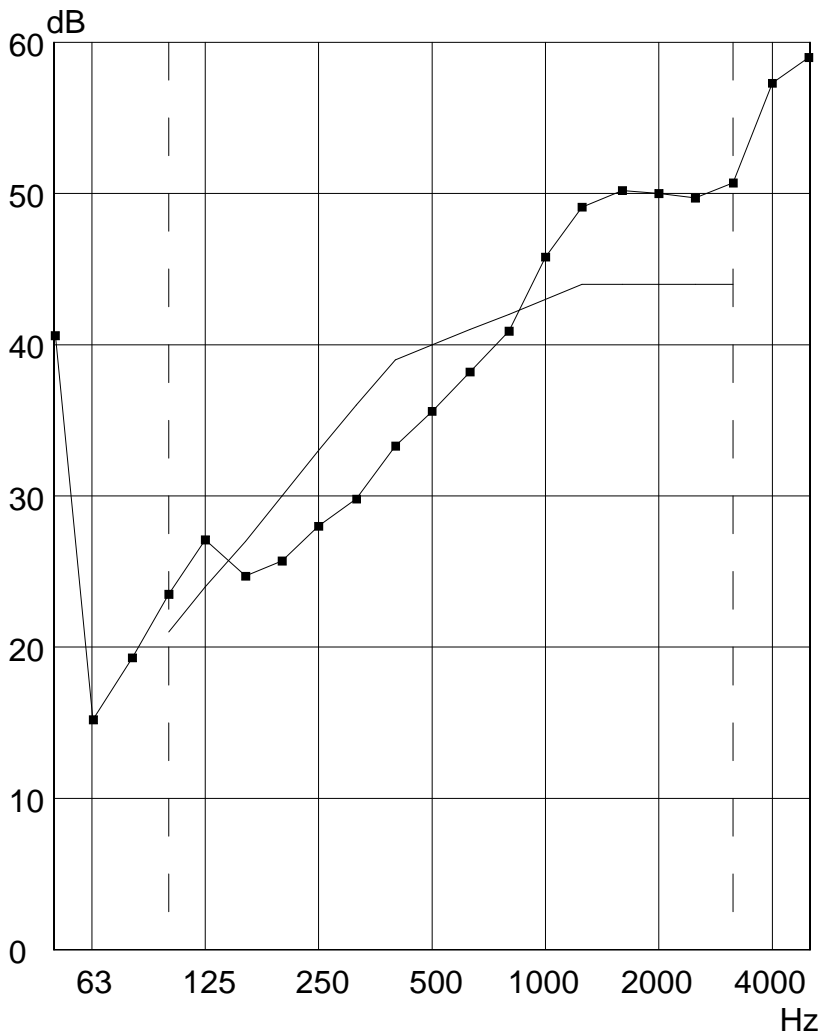
Test Details :

SAINT-GOBAIN GLASS
 SGG CLIMALIT ACOUSTIC
 SGG STADIP PROTECT 6.8 (10) SGG STADIP SILENCE 8.4
 Total thickness : 26 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 : 28 °C
 Third octave measurement, analyser and white
 noise generator NORSONIC 830-2

RESULTS :



Frequency	R
50	41
63	15
80	19
100	24
125	27
160	25
200	26
250	28
315	30
400	33
500	36
630	38
800	41
1000	46
1250	49
1600	50
2000	50
2500	50
3150	51
4000	57
5000	59

RATINGS :

Standard : EN ISO 717

$R_w(C;Ctr) =$
 40 (-2;-5) dB

$R_A = 38$ dB
 $R_{A,tr} = 35$ dB

Test N° : 625996

Measurement made by Centre
 de Développement Industriel
 - Test Date : 30/07/01