

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

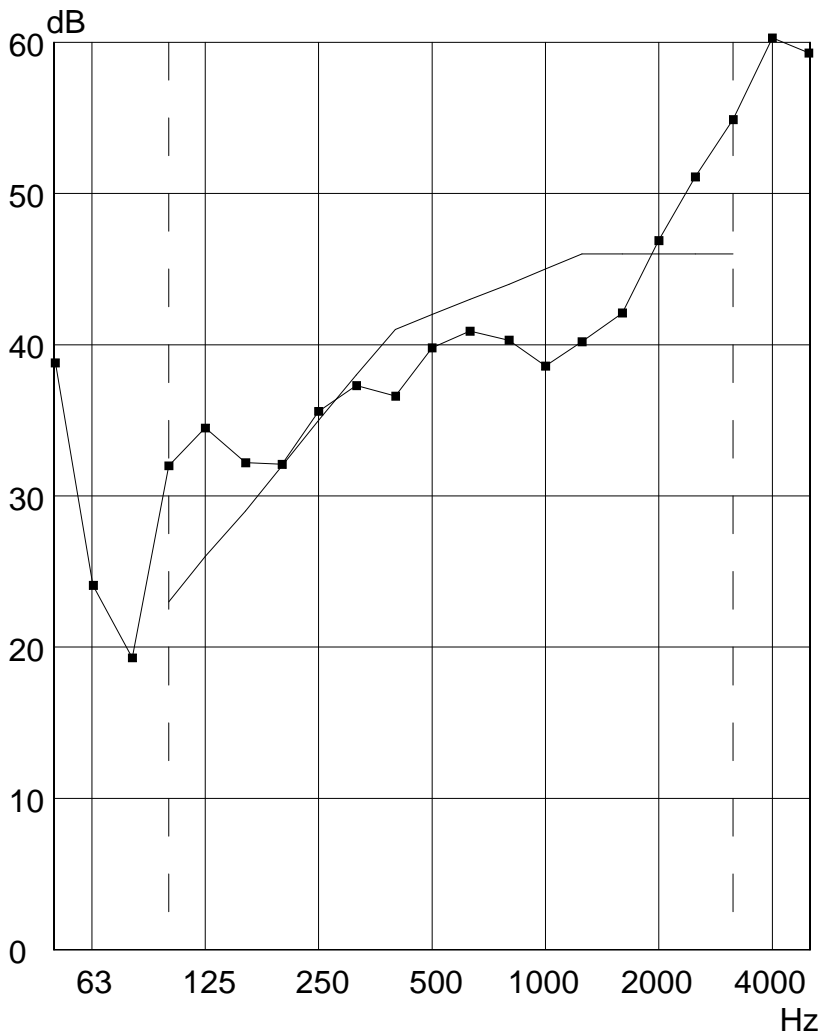
Test Details :

SAINT-GOBAIN GLASS
 SGG CLIMALIT PROTECT
 SGG STADIP PROTECT 16.8 (12) SGG PLANILUX 10
 Total thickness : 43 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	39
63	24
80	19
100	32
125	35
160	32
200	32
250	36
315	37
400	37
500	40
630	41
800	40
1000	39
1250	40
1600	42
2000	47
2500	51
3150	55
4000	60
5000	59

RATINGS :

Standard : EN ISO 717

$R_w(C;Ctr) =$
 42 (-1;-3) dB

$R_A = 41$ dB
 $R_{A,tr} = 39$ dB

Test N° : 625865

Measurement made by Centre
 de Développement Industriel
 - Test Date : 29/03/01