

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

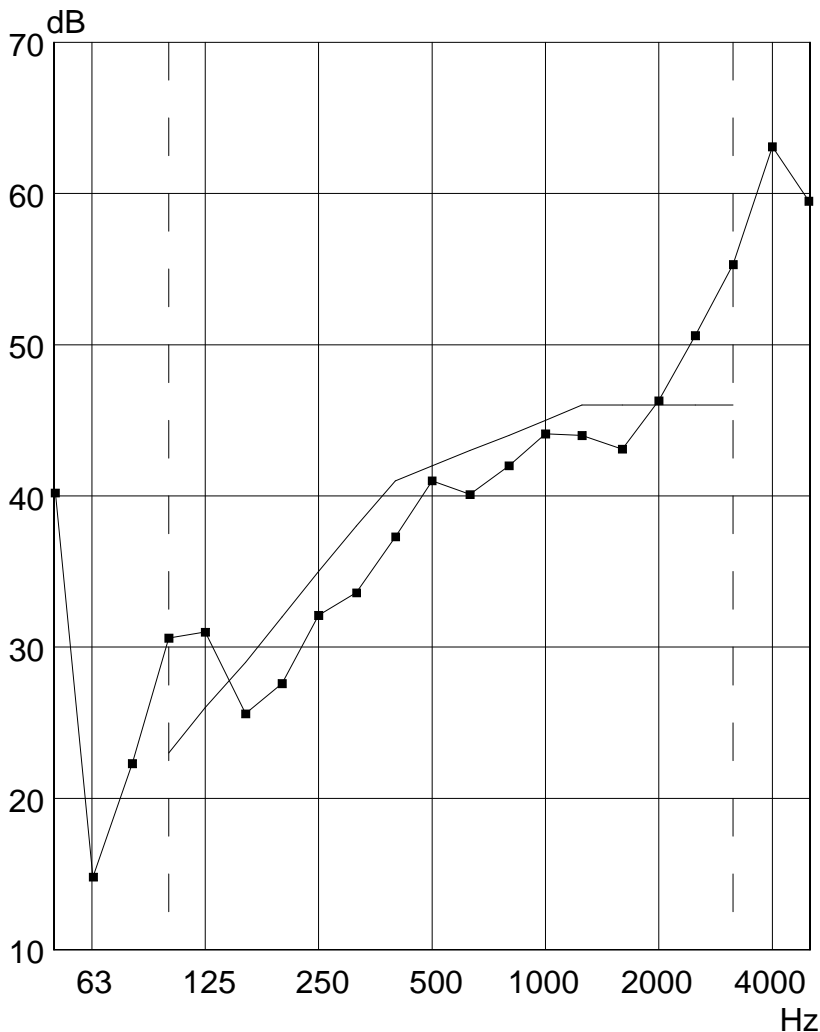
Test Details :

SAINT-GOBAIN GLASS
 SGG CLIMALIT SILENCE
 SGG STADIP SILENCE 10.4 (12) SGG PLANILUX 10
 Total thickness : 33 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 : 20 °C
 Third octave measurement, analyser and white noise generator NORSONIC 830-2

RESULTS :



Frequency	R
50	40
63	15
80	22
100	31
125	31
160	26
200	28
250	32
315	34
400	37
500	41
630	40
800	42
1000	44
1250	44
1600	43
2000	46
2500	51
3150	55
4000	63
5000	60

RATINGS :

Standard : EN ISO 717

$R_w(C;Ctr) =$
 42 (-1;-5) dB

$R_A = 41$ dB
 $R_{A,tr} = 37$ dB

Test N° : 626067

Measurement made by Centre
 de Développement Industriel
 - Test Date : 18/12/01