

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

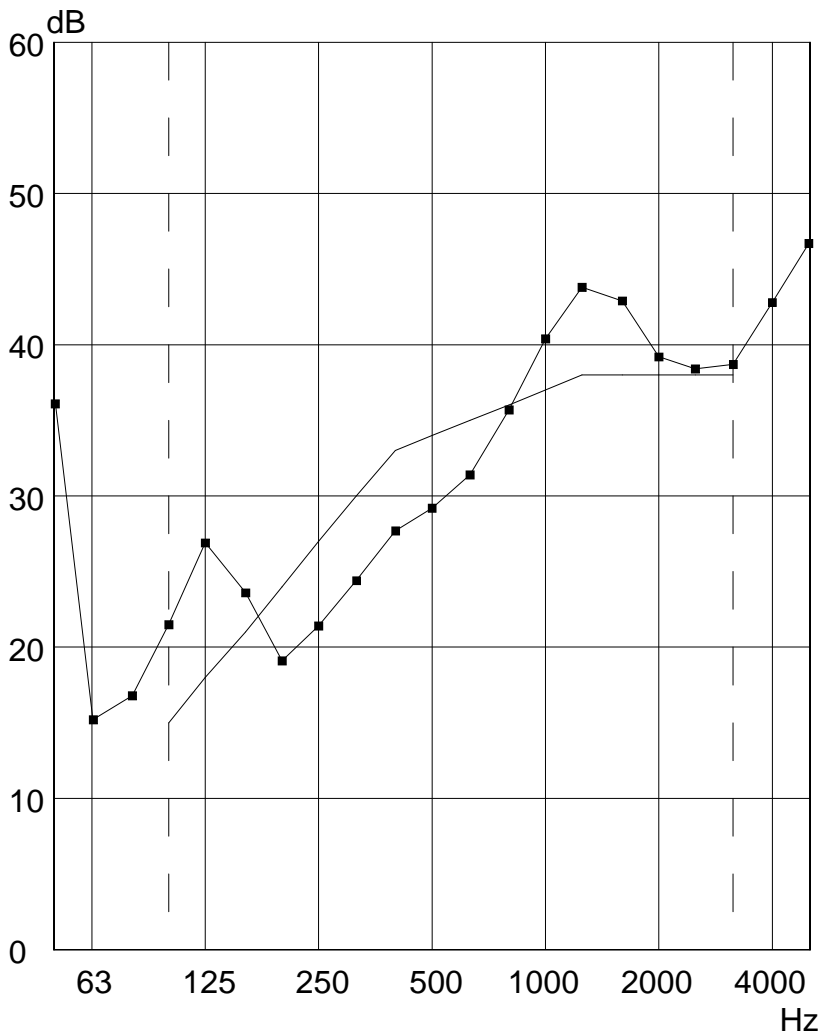
Test Details :

SAINT-GOBAIN GLASS
 SGG CLIMALIT ACOUSTIC
 SGG PLANILUX 4 (12) SGG PLANILUX 6
 Total thickness : 22 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	36
63	15
80	17
100	22
125	27
160	24
200	19
250	21
315	24
400	28
500	29
630	31
800	36
1000	40
1250	44
1600	43
2000	39
2500	38
3150	39
4000	43
5000	47

RATINGS :

Standard : EN ISO 717

$R_w(C;Ctr) =$
 34 (-1;-5) dB

$R_A = 33$ dB
 $R_{A,tr} = 29$ dB

Test N° : 626145

Measurement made by Centre
 de Développement Industriel
 - Test Date : 17/04/02