

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

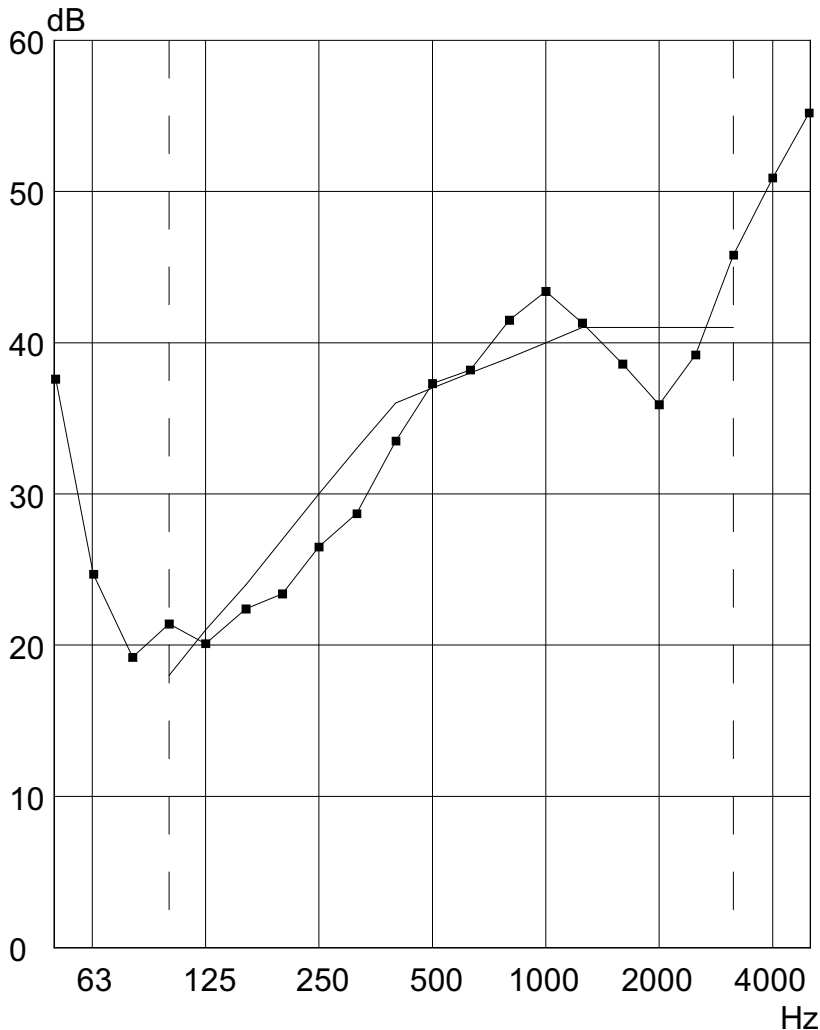
Test Details :

SAINT-GOBAIN GLASS
 SGG CLIMALIT ACOUSTIC
 SGG PLANILUX 8 (14) SGG PLANILUX 6
 Total thickness : 28 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
 Ambient conditions in the laboratory : 21°C - 46 %HR
 Third octave measurement, analyser and white
 noise generator NORSONIC 830-2

RESULTS :



Frequency	R
50	38
63	25
80	19
100	21
125	20
160	22
200	23
250	27
315	29
400	34
500	37
630	38
800	42
1000	43
1250	41
1600	39
2000	36
2500	39
3150	46
4000	51
5000	55

RATINGS :

Standard : EN ISO 717

$R_w(C;Ctr) =$
 37 (-1;-5) dB

$R_A = 36$ dB
 $R_{A,tr} = 32$ dB

Test N° : 627114

Measurement made by Centre
 de Développement Industriel
 - Test Date : 02/11/04