

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

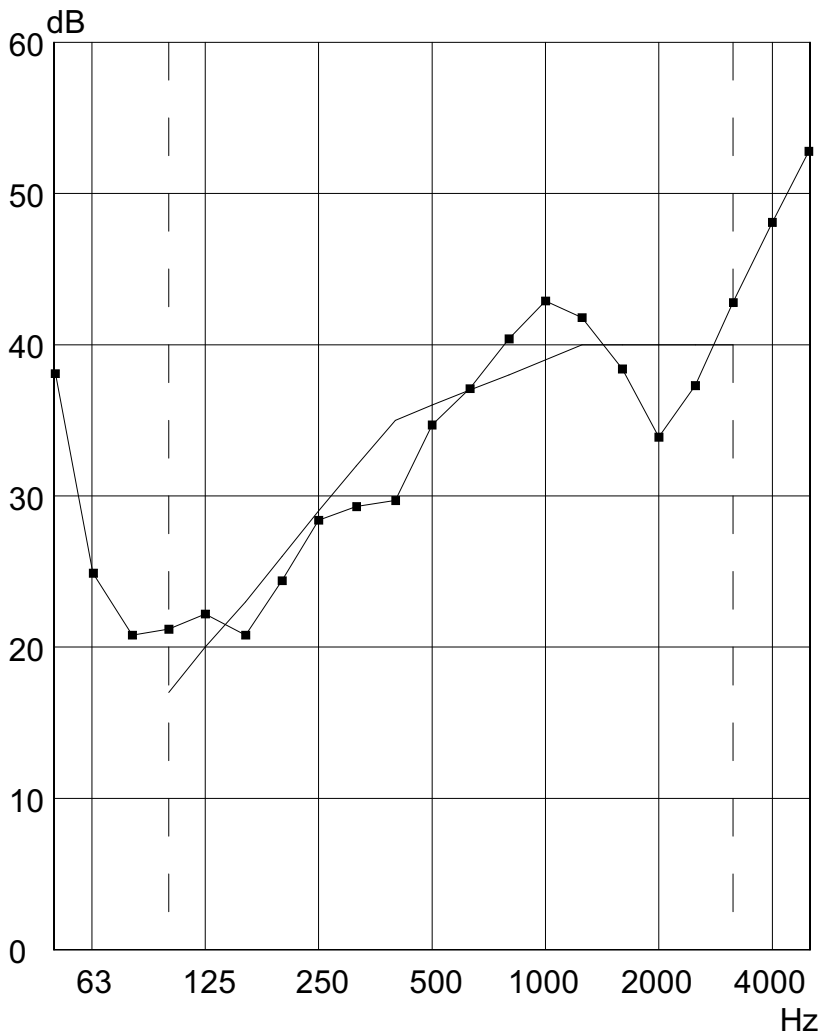
Test Details :

SAINT-GOBAIN GLASS
 SGG CLIMALIT ACOUSTIC
 SGG PLANILUX 8 (16) SGG PLANILUX 6
 Total thickness : 30 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 : 20°C - 24%HR
 Third octave measurement, analyser and white noise generator NORSONIC 830-2

RESULTS :



Frequency	R
50	38
63	25
80	21
100	21
125	22
160	21
200	24
250	28
315	29
400	30
500	35
630	37
800	40
1000	43
1250	42
1600	38
2000	34
2500	37
3150	43
4000	48
5000	53

RATINGS :

Standard : EN ISO 717

$R_w(C;Ctr) =$
 36 (-1;-4) dB

$R_A = 35$ dB
 $R_{A,tr} = 32$ dB

Test N° : 626848

Measurement made by Centre
 de Développement Industriel
 - Test Date : 12/03/04