

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

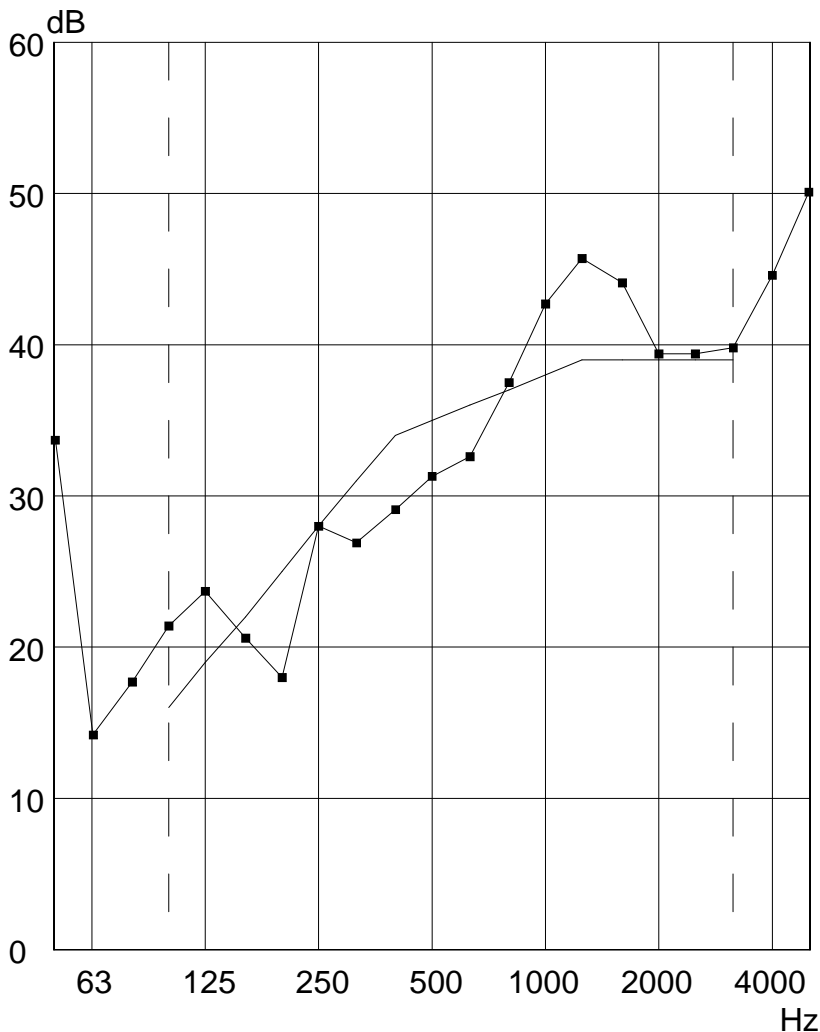
Test Details :

SAINT-GOBAIN GLASS
 SGG CLIMALIT ACOUSTIC
 SGG PLANILUX 4 (20) 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
 Air temperature inside laboratory : 24 °C
 Third octave measurement, analyser and white noise generator NORSONIC 830-2

RESULTS :



Frequency	R
50	34
63	14
80	18
100	21
125	24
160	21
200	18
250	28
315	27
400	29
500	31
630	33
800	38
1000	43
1250	46
1600	44
2000	39
2500	39
3150	40
4000	45
5000	50

RATINGS :

Standard : EN ISO 717

$R_w(C;Ctr) =$
 35 (-1;-5) dB

$R_A = 34$ dB
 $R_{A,tr} = 30$ dB

Test N° : 625983

Measurement made by Centre
 de Développement Industriel
 - Test Date : 12/07/01