

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

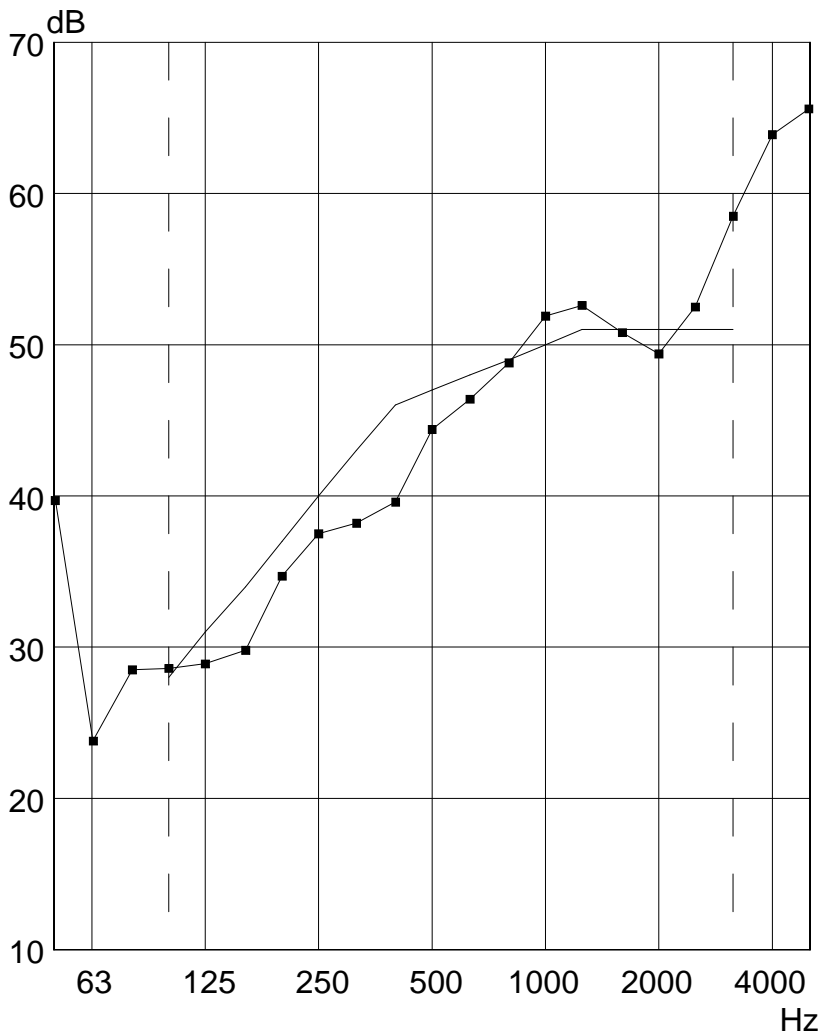
Test Details :

SAINT-GOBAIN GLASS
 SGG CLIMALIT SILENCE
 SGG STADIP SILENCE 12.8 (15) SGG STADIP SILENCE 12.8
 Total thickness : 41 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 - 36% HR
 Third octave measurement, analyser and white
 noise generator NORSONIC 830-2

RESULTS :



| Frequency | R |
|-----------|----|
| 50 | 40 |
| 63 | 24 |
| 80 | 29 |
| 100 | 29 |
| 125 | 29 |
| 160 | 30 |
| 200 | 35 |
| 250 | 38 |
| 315 | 38 |
| 400 | 40 |
| 500 | 44 |
| 630 | 46 |
| 800 | 49 |
| 1000 | 52 |
| 1250 | 53 |
| 1600 | 51 |
| 2000 | 49 |
| 2500 | 53 |
| 3150 | 59 |
| 4000 | 64 |
| 5000 | 66 |

RATINGS :

Standard : EN ISO 717

$R_w(C;Ctr) =$
 47 (-2;-6) dB

$R_A = 45$ dB
 $R_{A,tr} = 41$ dB

Test N° : 626786

Measurement made by Centre
 de Développement Industriel
 - Test Date : 28/10/03