

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

Test Details :

SAINT-GOBAIN GLASS

SGG CLIMALIT

SGG PLANILUX 4 (15) SGG PLANILUX 4

Total thickness : 23 mm

Overall dimensions : 1.48m x 1.23m

Dimensions of opening : 1.43m x 1.18m

Mounting conditions : following EN ISO 140

Measuring conditions :

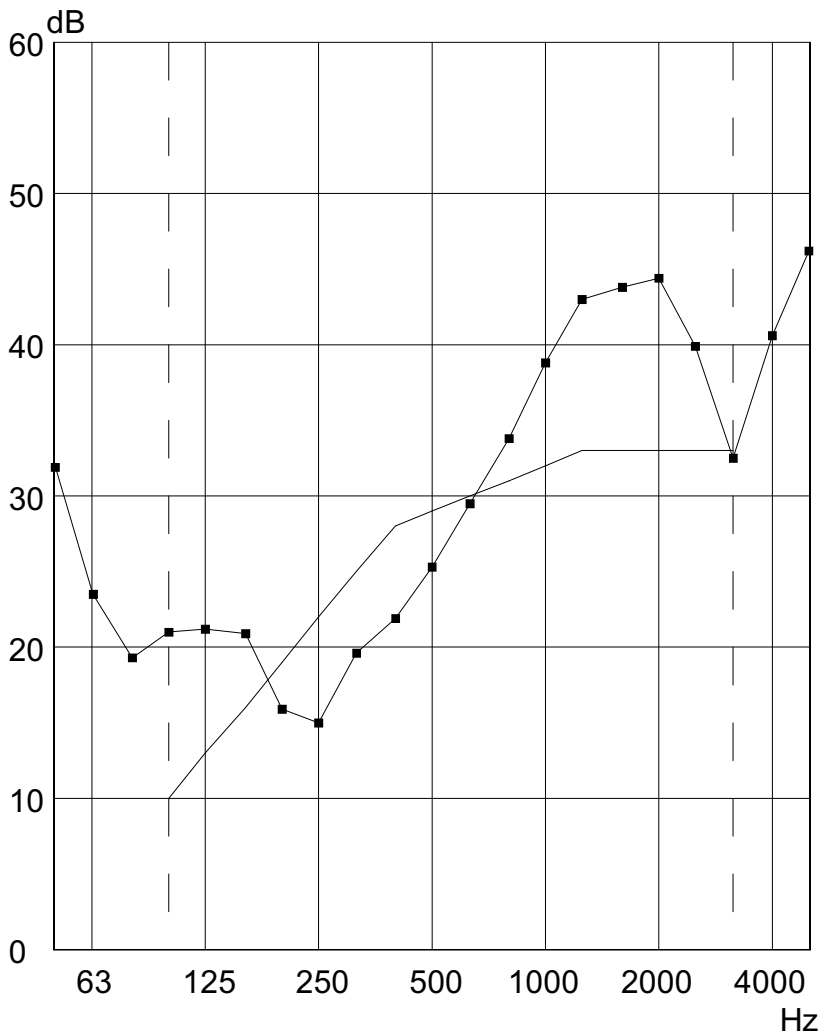
Volume of emission room : 85.8 m³

Volume of reception room : 61.5 m³

Ambient conditions in the laboratory : 20°C - 34%HR

Third octave measurement, analyser and white noise generator NORSONIC 830-2

RESULTS :



| Frequency | R |
|-----------|----|
| 50 | 32 |
| 63 | 24 |
| 80 | 19 |
| 100 | 21 |
| 125 | 21 |
| 160 | 21 |
| 200 | 16 |
| 250 | 15 |
| 315 | 20 |
| 400 | 22 |
| 500 | 25 |
| 630 | 30 |
| 800 | 34 |
| 1000 | 39 |
| 1250 | 43 |
| 1600 | 44 |
| 2000 | 44 |
| 2500 | 40 |
| 3150 | 33 |
| 4000 | 41 |
| 5000 | 46 |

RATINGS :

Standard : EN ISO 717

$R_w(C;Ctr) =$
29 (-1;-4) dB

$R_A = 28$ dB
 $R_{A,tr} = 25$ dB

Test N° : 626869

Measurement made by Centre
de Développement Industriel
- Test Date : 25/03/04