

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

Test Details :

SAINT-GOBAIN GLASS

SGG CLIMALIT ACOUSTIC

SGG STADIP PROTECT 14.4 (24 Arg) SGG STADIP SILENCE 8.4

Total thickness : 47 mm

Overall dimensions : 1.48m x 1.23m

Dimensions of opening : 1.43m x 1.18m

Mounting conditions : following EN ISO 140

Measuring conditions :

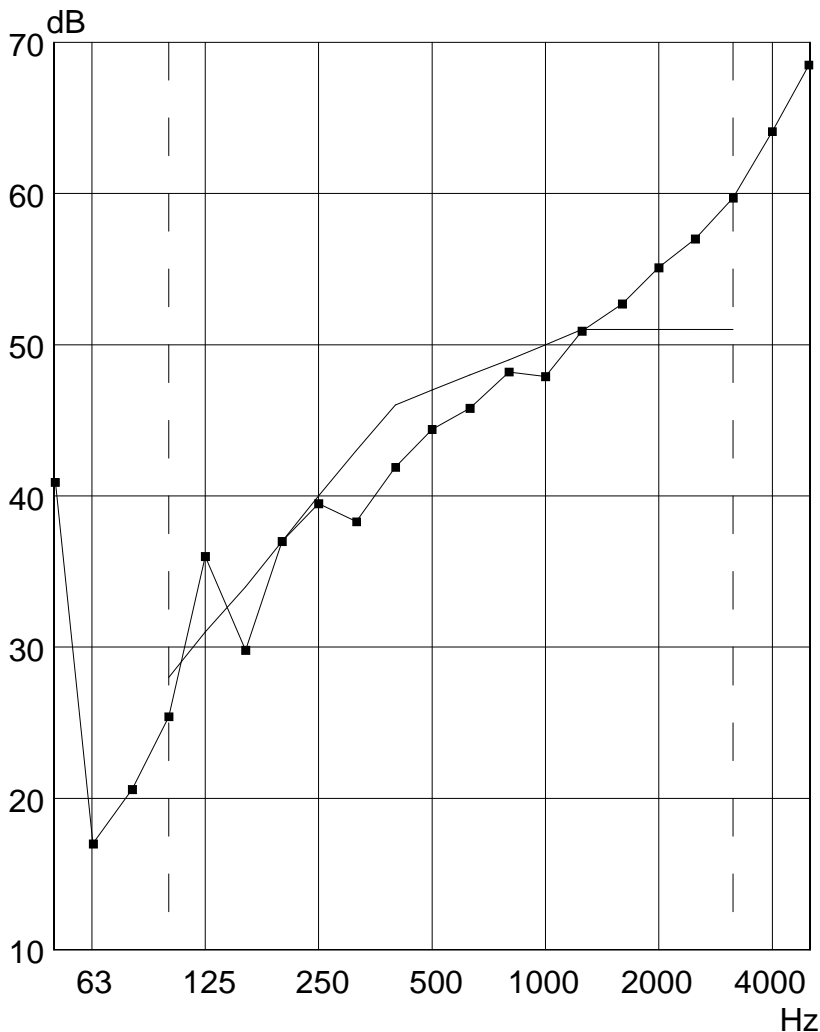
Volume of emission room : 85.8 m³

Volume of reception room : 61.5 m³

Air temperature inside laboratory : 23 °C

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

RESULTS :



Frequency	R
50	41
63	17
80	21
100	25
125	36
160	30
200	37
250	40
315	38
400	42
500	44
630	46
800	48
1000	48
1250	51
1600	53
2000	55
2500	57
3150	60
4000	64
5000	69

RATINGS :

Standard : EN ISO 717

$R_w(C;Ctr) =$
47 (-1;-6) dB

$R_A = 46$ dB
 $R_{A,tr} = 41$ dB

Test N° : 626021

Measurement made by Centre
de Développement Industriel
- Test Date : 07/09/01