

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

## Test Details :

SAINT-GOBAIN GLASS

SGG CLIMALIT

SGG PLANILUX 4 (12 ) SGG PLANILUX 4

Total thickness : 20 mm

Overall dimensions : 1.48m x 1.23m

Dimensions of opening : 1.43m x 1.18m

Mounting conditions : following EN ISO 140

## Measuring conditions :

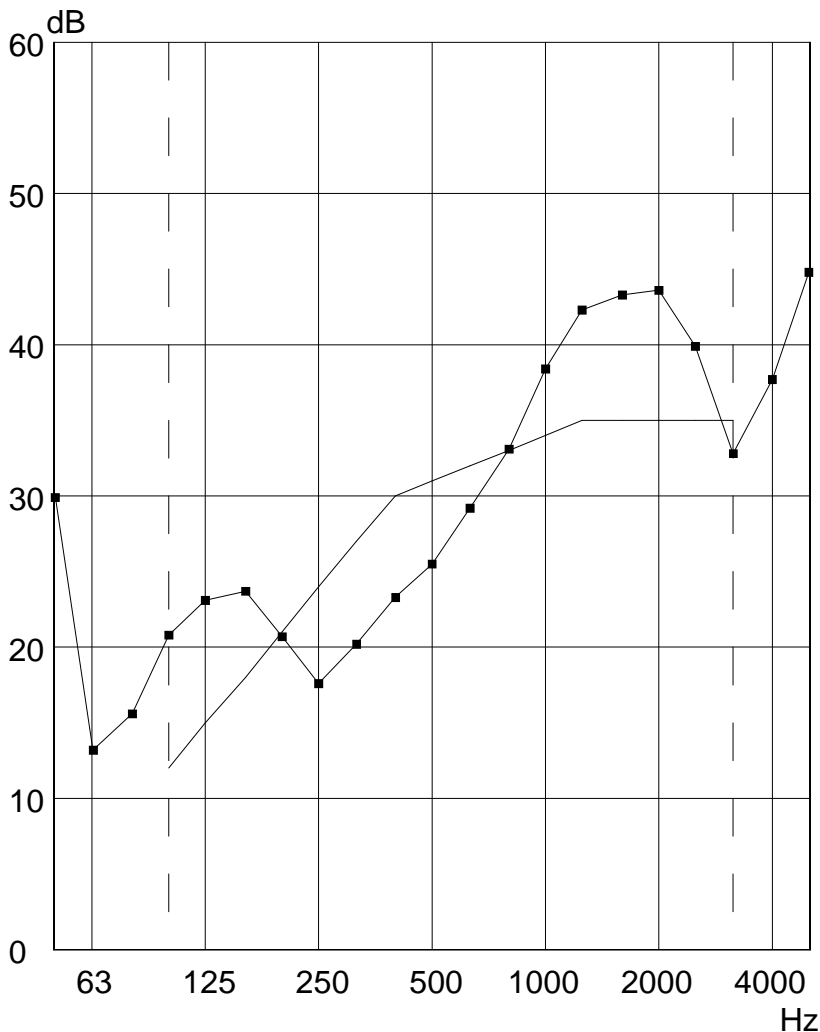
Volume of emission room : 85.8 m<sup>3</sup>

Volume of reception room : 61.5 m<sup>3</sup>

Air temperature inside laboratory : 24 °C

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

## RESULTS :



Frequency	R
50	30
63	13
80	16
100	21
125	23
160	24
200	21
250	18
315	20
400	23
500	26
630	29
800	33
1000	38
1250	42
1600	43
2000	44
2500	40
3150	33
4000	38
5000	45

## RATINGS :

Standard : EN ISO 717

$R_w(C;Ctr) =$   
31 (-1;-4) dB

$R_A = 30$  dB  
 $R_{A,tr} = 27$  dB

Test N° : 626130

Measurement made by Centre  
de Développement Industriel  
- Test Date : 03/04/02