

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

## Test Details :

SAINT-GOBAIN GLASS

SGG CLIMALIT

SGG PLANILUX 4 (16) SGG PLANILUX 4

Total thickness : 24 mm

Overall dimensions : 1.48m x 1.23m

Dimensions of opening : 1.505m x 1.255m

Mounting conditions : following EN ISO 140

## Measuring conditions :

Volume of emission room : 98 m<sup>3</sup>

Volume of reception room : 86 m<sup>3</sup>

Ambient conditions in the laboratory :

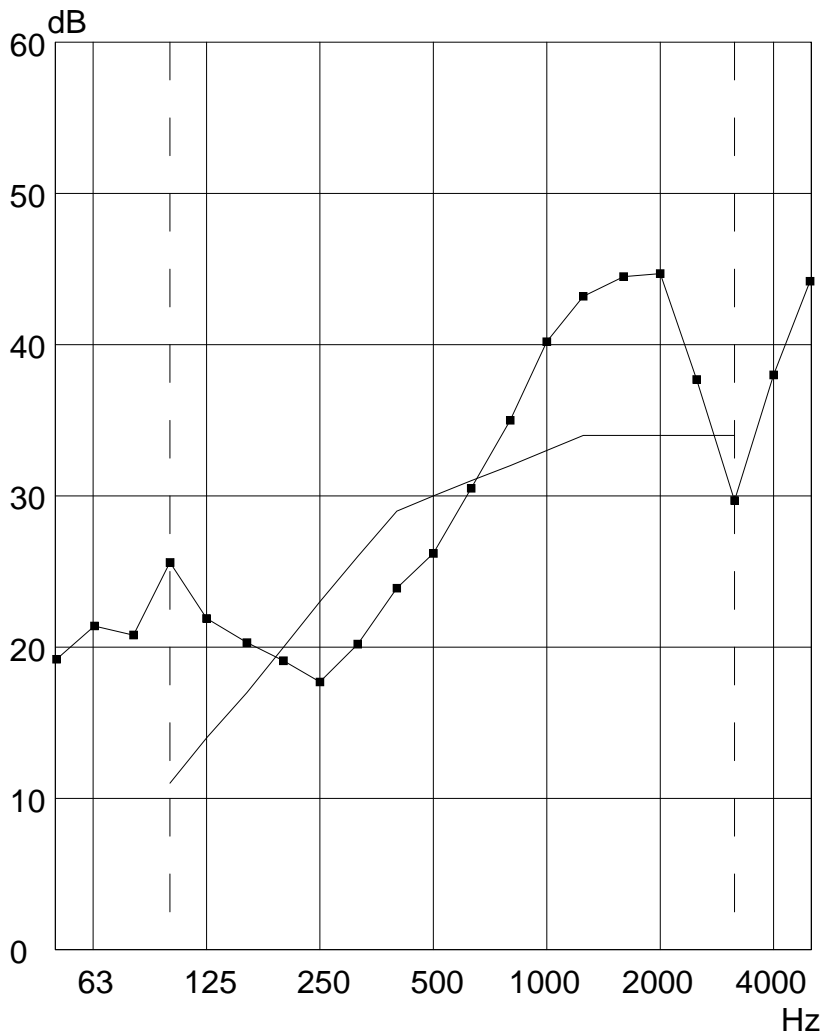
émi: 21°C/27.2%HR - rec: 20.4°C/26.5%HR

Third octave measurement, analyser and white noise generator NORSONIC 840-2

## RATINGS :

Standard : EN ISO 717

## RESULTS :



Frequency	R
100	25.6
125	21.9
160	20.3
200	19.1
250	17.7
315	20.2
400	23.9
500	26.2
630	30.5
800	35.0
1000	40.2
1250	43.2
1600	44.5
2000	44.7
2500	37.7
3150	29.7
4000	38.0
5000	44.2

$R_w(C;Ctr) =$   
30 (0;-3) dB

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

Test N° : 702467

Measurement made by  
Chantereine R&D Centre -  
Test Date : 15/02/2010