

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

## Test Details :

SAINT-GOBAIN GLASS

SGG CLIMALIT

SGG PLANILUX 6 (16) SGG PLANILUX 6

Total thickness : 28 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 :

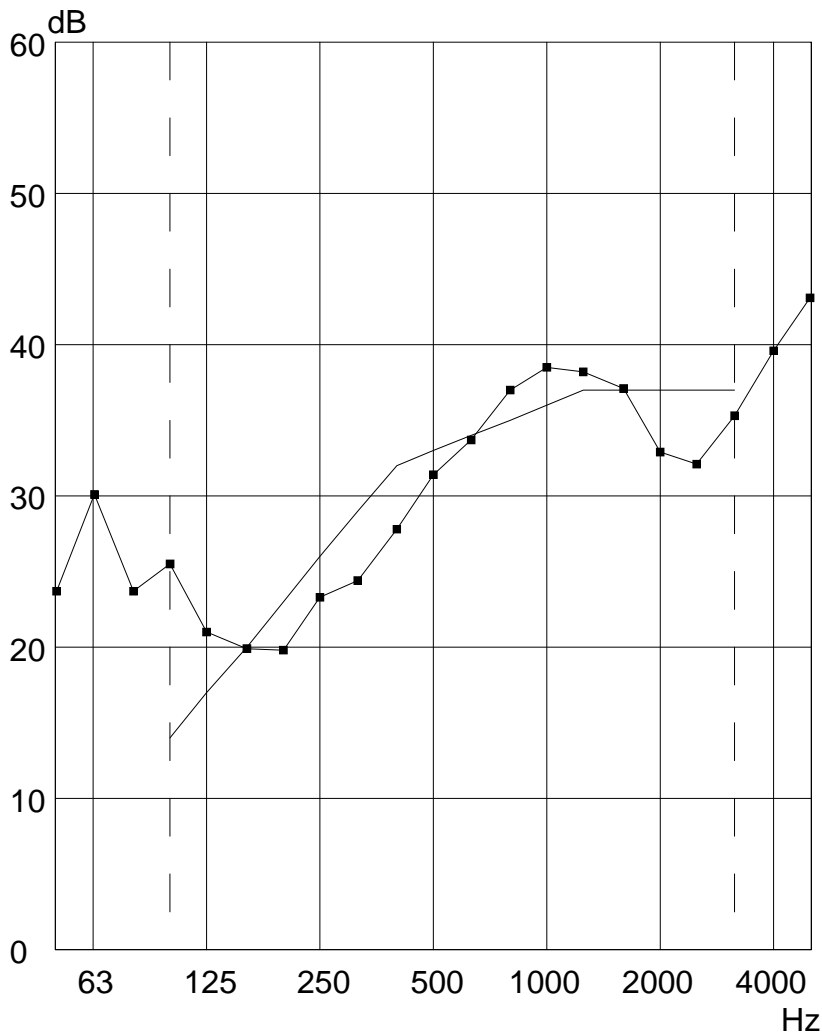
émi: 20.1°C/60.5%HR - rec: 20.0°C/58.6%HR

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

## RATINGS :

Standard : EN ISO 717

## RESULTS :



Frequency	R
100	25.5
125	21.0
160	19.9
200	19.8
250	23.3
315	24.4
400	27.8
500	31.4
630	33.7
800	37.0
1000	38.5
1250	38.2
1600	37.1
2000	32.9
2500	32.1
3150	35.3
4000	39.6
5000	43.1

$R_w(C;Ctr) =$   
33 (-1;-4) dB

$R_A = 32$  dB  
 $R_{A,tr} = 29$  dB

Test N° : 702615

Measurement made by  
Chantereine R&D Centre -  
Test Date : 08/06/2010