

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

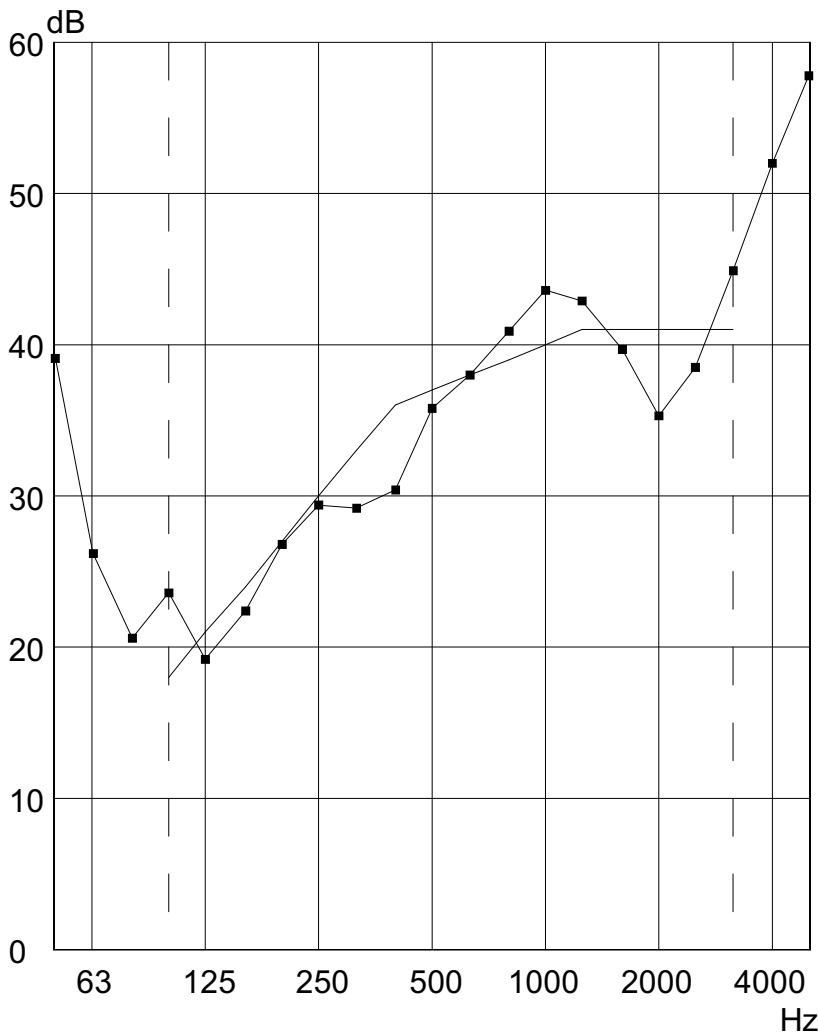
## Test Details :

SAINT-GOBAIN GLASS  
 SGG CLIMALIT ACOUSTIC  
 SGG PLANILUX 8 (20) SGG PLANILUX 6  
 Total thickness : 34 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>  
 Ambient conditions in the laboratory : 22°C - 34%HR  
 Third octave measurement, analyser and white noise generator NORSONIC 830-2

## RESULTS :



Frequency	R
50	39
63	26
80	21
100	24
125	19
160	22
200	27
250	29
315	29
400	30
500	36
630	38
800	41
1000	44
1250	43
1600	40
2000	35
2500	39
3150	45
4000	52
5000	58

## RATINGS :

Standard : EN ISO 717

$$R_w(C;Ctr) = 37 (-1;-4) \text{ dB}$$

$$R_A = 36 \text{ dB}$$

$$R_{A,tr} = 33 \text{ dB}$$

Test N° : 626903

Measurement made by Centre  
 de Développement Industriel  
 - Test Date : 14/04/04