

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

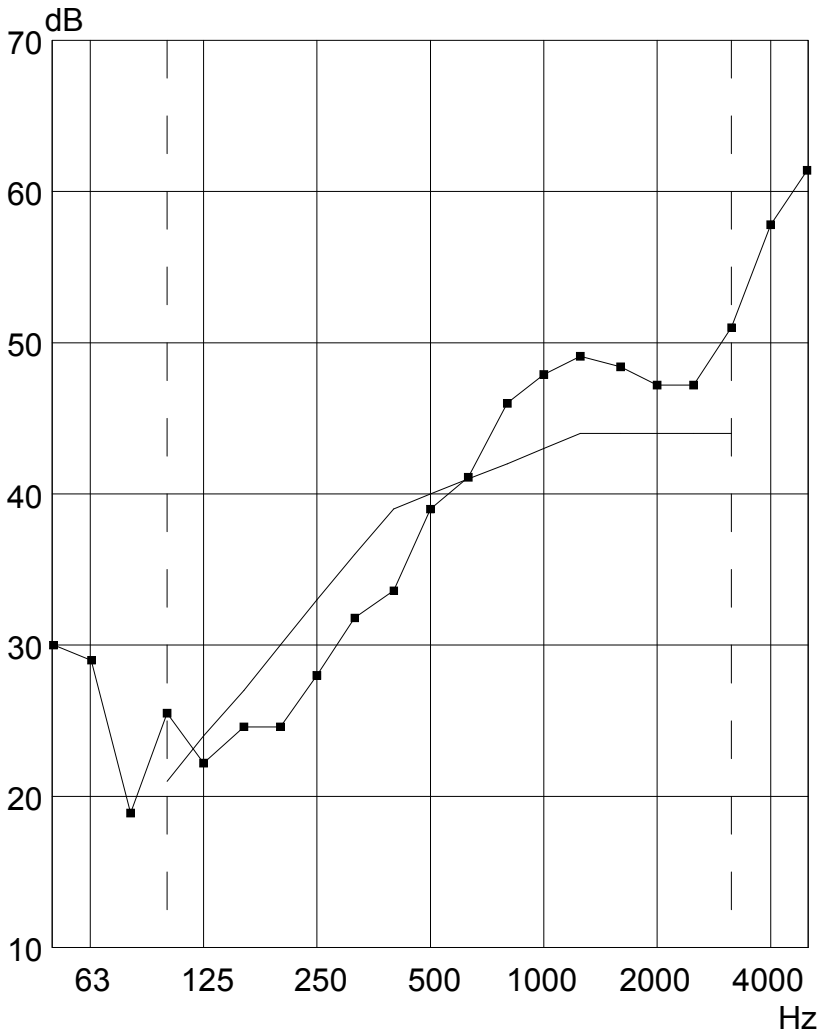
## Test Details :

SAINT-GOBAIN GLASS  
 SGG CLIMALIT ACOUSTIC  
 SGG STADIP SILENCE 8.4 (16) SGG STADIP PROTECT 6.4  
 Total thickness : 31 mm  
 Overall dimensions : 1.48m x 1.23m  
 Dimensions of opening : 1.45m x 1.21m  
 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 : 20°C - 33% HR  
 Third octave measurement, analyser and white  
 noise generator NORSONIC 830-2

## RESULTS :



Frequency	R
50	30
63	29
80	19
100	26
125	22
160	25
200	25
250	28
315	32
400	34
500	39
630	41
800	46
1000	48
1250	49
1600	48
2000	47
2500	47
3150	51
4000	58
5000	61

## RATINGS :

Standard : EN ISO 717

$R_w(C;Ctr) =$   
 40 (-1;-5) dB

$R_A = 39$  dB  
 $R_{A,tr} = 35$  dB

Test N° : 700224

Measurement made by Centre  
 de Développement Industriel  
 - Test Date : 24/11/2005