

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

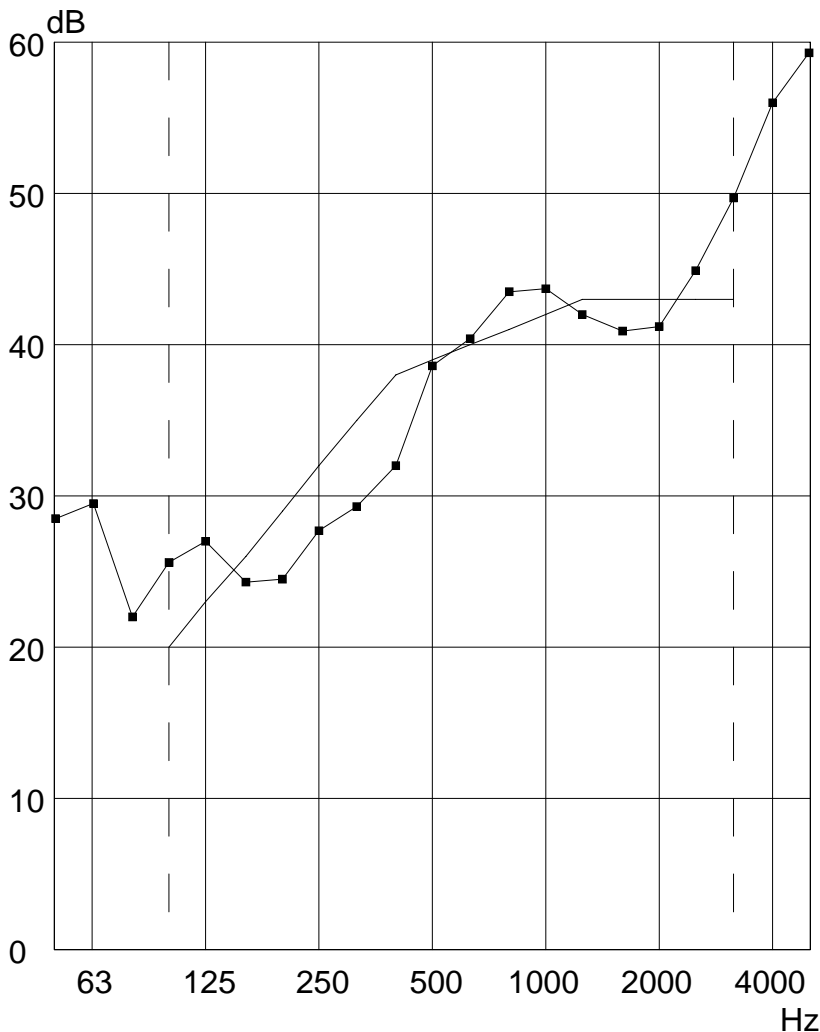
## Test Details :

SAINT-GOBAIN GLASS  
 SGG CLIMALIT PROTECT  
 SGG STADIP PROTECT 6.8 (12) SGG STADIP PROTECT 8.8  
 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 : 20°C - 60 %HR  
 Third octave measurement, analyser and white  
 noise generator NORSONIC 840-2

## RESULTS :



Frequency	R
50	29
63	30
80	22
100	26
125	27
160	24
200	25
250	28
315	29
400	32
500	39
630	40
800	44
1000	44
1250	42
1600	41
2000	41
2500	45
3150	50
4000	56
5000	59

## RATINGS :

Standard : EN ISO 717

$R_w(C;Ctr) =$   
 39 (-1;-5) dB

$R_A = 38$  dB  
 $R_{A,tr} = 34$  dB

Test N° : 700418

Measurement made by Centre  
 de Développement Industriel  
 - Test Date : 16/05/2006