

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

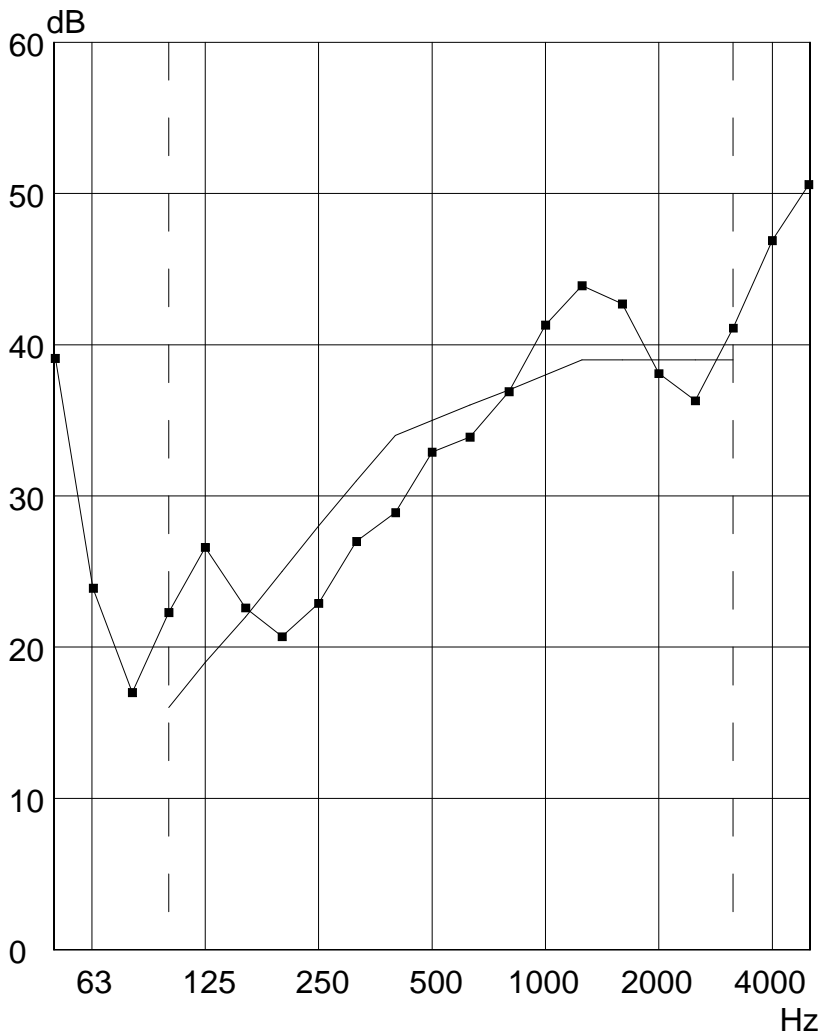
## Test Details :

SAINT-GOBAIN GLASS  
 SGG CLIMALIT PROTECT  
 SGG STADIP PROTECT 6.8 (12) SGG PLANILUX 5  
 Total thickness : 24 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>  
 Air temperature inside laboratory : 20 °C  
 Third octave measurement, analyser and white  
 noise generator NORSONIC 830-2

## RESULTS :



Frequency	R
50	39
63	24
80	17
100	22
125	27
160	23
200	21
250	23
315	27
400	29
500	33
630	34
800	37
1000	41
1250	44
1600	43
2000	38
2500	36
3150	41
4000	47
5000	51

## RATINGS :

Standard : EN ISO 717

$R_w(C;Ctr) =$   
 35 (-1;-4) dB

$R_A = 34$  dB  
 $R_{A,tr} = 31$  dB

Test N° : 625826

Measurement made by Centre  
 de Développement Industriel  
 - Test Date : 14/02/01