

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

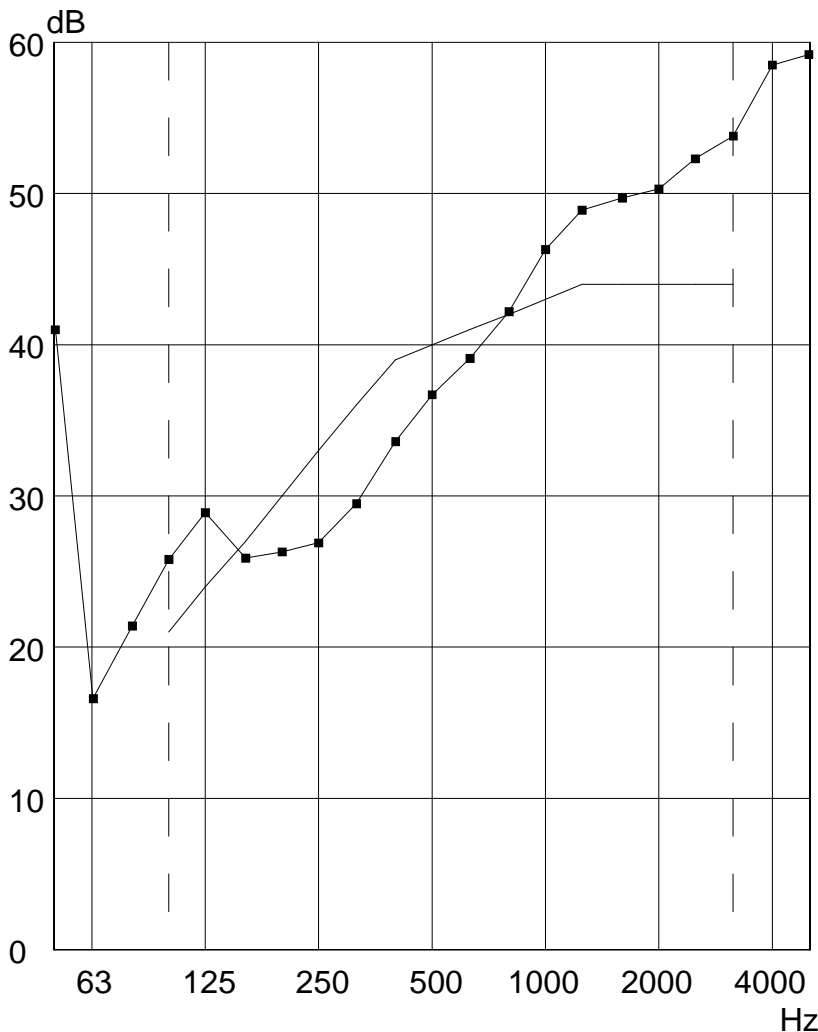
## Test Details :

SAINT-GOBAIN GLASS  
 SGG CLIMALIT ACOUSTIC  
 SGG STADIP PROTECT 8.8 (8) SGG STADIP SILENCE 8.4  
 Total thickness : 26 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 : 28 °C  
 Third octave measurement, analyser and white  
 noise generator NORSONIC 830-2

## RESULTS :



Frequency	R
50	41
63	17
80	21
100	26
125	29
160	26
200	26
250	27
315	30
400	34
500	37
630	39
800	42
1000	46
1250	49
1600	50
2000	50
2500	52
3150	54
4000	59
5000	59

## RATINGS :

Standard : EN ISO 717

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

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

Test N° : 625997

Measurement made by Centre  
 de Développement Industriel  
 - Test Date : 30/07/01