

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

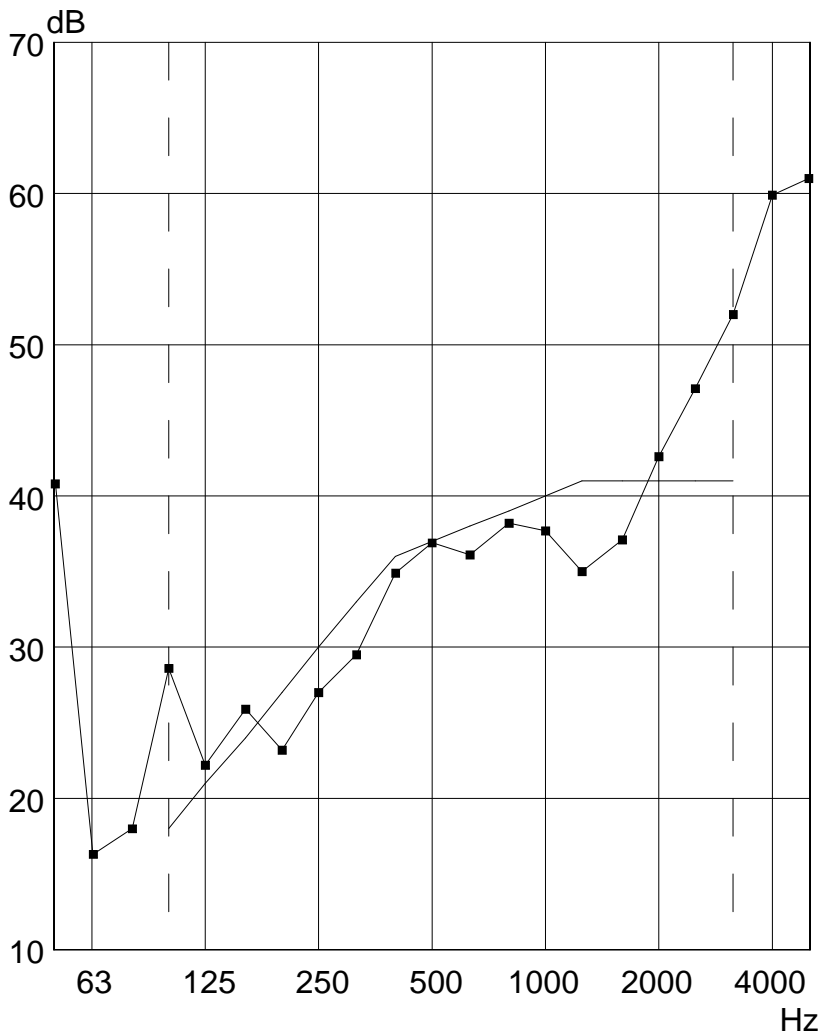
Test Details :

SAINT-GOBAIN GLASS
 SGG CLIMALIT PROTECT
 SGG STADIP PROTECT 10.8 (12) SGG PLANILUX 10
 Total thickness : 33 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 m³
 Volume of reception room : 61.5 m³
 Air temperature inside laboratory : 18 °C
 Third octave measurement, analyser and white
 noise generator NORSONIC 830-2

RESULTS :



Frequency	R
50	41
63	16
80	18
100	29
125	22
160	26
200	23
250	27
315	30
400	35
500	37
630	36
800	38
1000	38
1250	35
1600	37
2000	43
2500	47
3150	52
4000	60
5000	61

RATINGS :

Standard : EN ISO 717

$R_w(C;Ctr) =$
 37 (-1;-4) dB

$R_A = 36$ dB
 $R_{A,tr} = 33$ dB

Test N° : 626066

Measurement made by Centre
 de Développement Industriel
 - Test Date : 13/12/01