

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

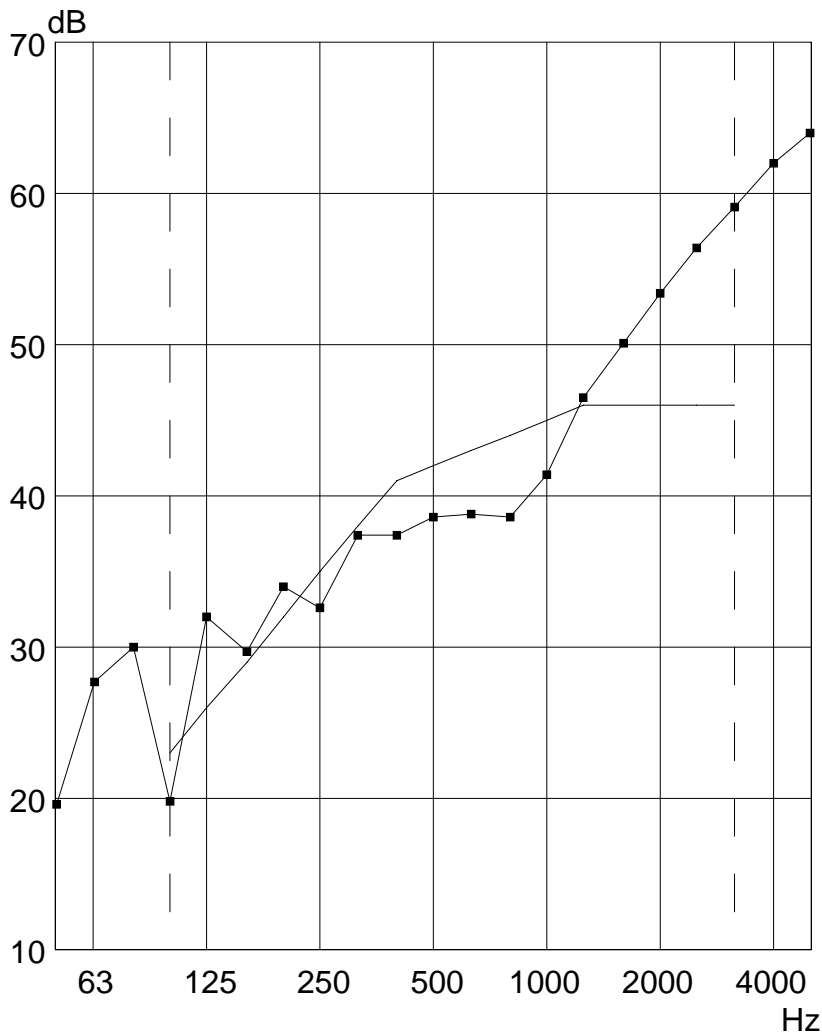
Test Details :

SAINT-GOBAIN GLASS
 SGG CLIMALIT PROTECT
 SGG STADIP PROTECT 20.8 (10) SGG STADIP PROTECT 16.8
 Total thickness : 48 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 m³
 Volume of reception room : 86 m³
 Ambient conditions in the laboratory : 20.2 °C
 Third octave measurement, analyser and white noise generator NORSONIC 840-2

RESULTS :



Frequency	R
50	20
63	28
80	30
100	20
125	32
160	30
200	34
250	33
315	37
400	37
500	39
630	39
800	39
1000	41
1250	47
1600	50
2000	53
2500	56
3150	59
4000	62
5000	64

RATINGS :

Standard : EN ISO 717

$R_w(C;Ctr) =$
 42 (-1;-5) dB

$R_A = 41$ dB
 $R_{A,tr} = 37$ dB

Test N° : 701618

Measurement made by Centre
 de Développement Industriel
 - Test Date : 05/09/2008