

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

Test Details :

SAINT-GOBAIN GLASS

SGG STADIP SILENCE

SGG STADIP SILENCE 20.4SI

Total thickness : 21 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 :

émi: 20.5°C / 55.9%HR - rec: 20.3°C / 55.8%HR - T°C contact: 20.6°C

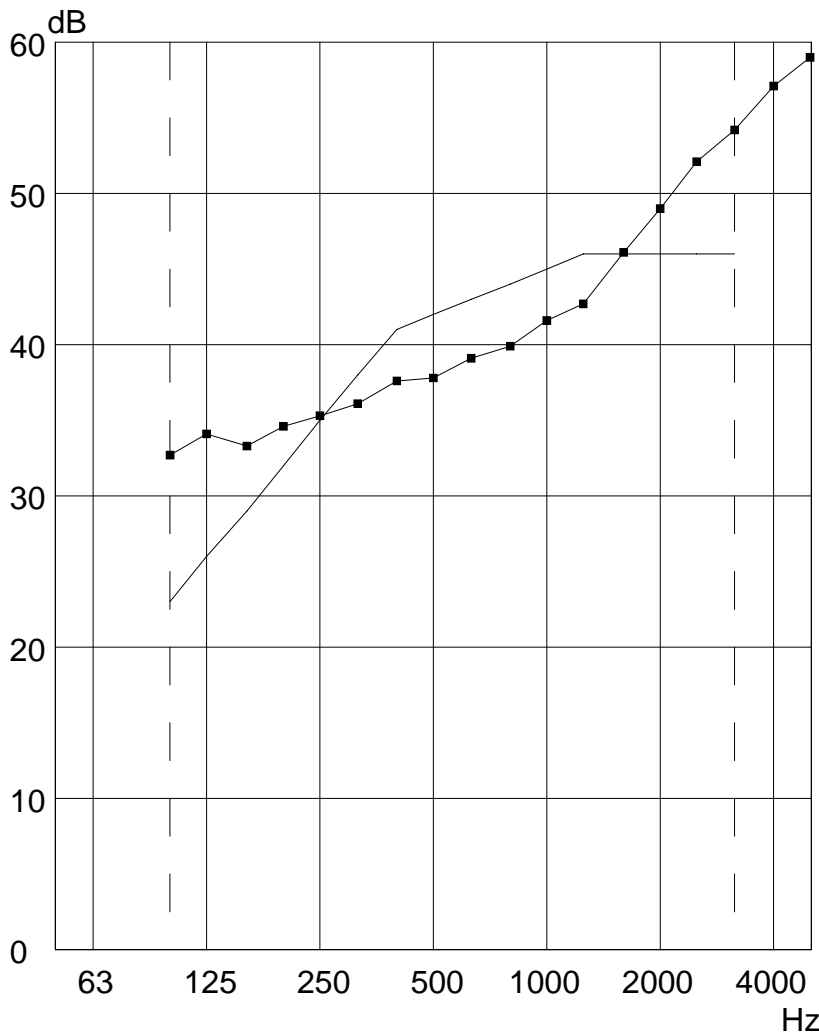
Third octave measurement, analyser and white

noise generator NORSONIC 840-2

RATINGS :

Standard : EN ISO 717

RESULTS :



Frequency	R
100	32.7
125	34.1
160	33.3
200	34.6
250	35.3
315	36.1
400	37.6
500	37.8
630	39.1
800	39.9
1000	41.6
1250	42.7
1600	46.1
2000	49.0
2500	52.1
3150	54.2
4000	57.1
5000	59.0

$R_w(C;Ctr) =$
42 (0;-2) dB

$R_A = 42$ dB
 $R_{A,tr} = 40$ dB

Test N° : 702349

Measurement made by
Chantereine R&D Centre -
Test Date : 24/11/2009