

Filename

test #1x

**ASTM E90 - Laboratory Sound Transmission Class**

Project Folder

09758 MegaMet

Client

MegaMet

Product

Steel Door

Model #

Styro-Stiffner Core

Quantity

1

Comment

Sample Size - Wt.

43.2 in x 89.0 in x 5-1/4" - 284 lbs

Sample Description

MegaMet Industries Inc..  
Perimeter: Nal. Guard Frame with steel door

Steel Door :  
:

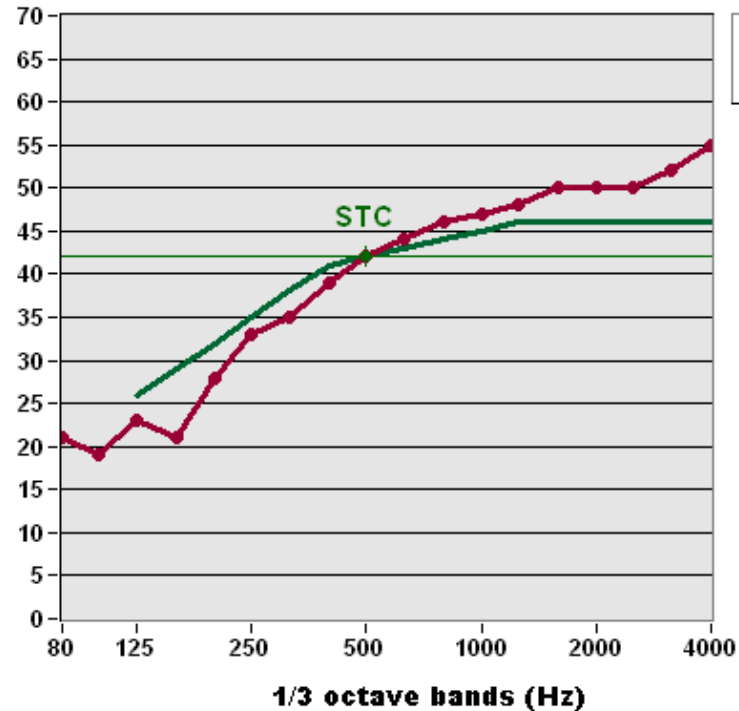
Time Stamp

Mon, Nov 02, 2009 - 10:56 AM

TLs - sample TL values (dB)  
95% CI - 95% Confidence Interval (dB)  
def - STC deficiencies (dB)

F (Hz)	TLs	95% CI	def
80	21	2.9	-
100	19	1.3	-
125	23	1.3	3
160	21	1.3	8
200	28	0.9	4
250	33	0.5	2
315	35	0.5	3
400	39	0.4	2
500	42	0.3	0
630	44	0.3	0
800	46	0.2	0
1000	47	0.2	0
1250	48	0.1	0
1600	50	0.2	0
2000	50	0.2	0
2500	50	0.1	0
3150	52	0.1	0
4000	55	0.3	0

**dB Sound Transmission Class (STC)**



Temp (°C)

21.8

R.H. (%)

56

ATM (mbar)

978

**STC = 42 def: 22**  
**OITC: 31**