

PROJECT NUMBER: 30160-09-07053-G
PAGE: 1 of 32
DATE: November 4, 2009

662 Cromwell Avenue Telephone : (651) 645-3601
Saint Paul, MN 55114 Toll Free : (888) 645-TEST
USA Telefax : (651) 659-7348
Website : www.storksmt.com

Investigative Chemistry Geotechnical Construction Materials
Non Destructive Testing Failure Analysis Product Evaluation
Metallurgical Analysis Materials Testing Welder Qualification

**SOUND TRANSMISSION TESTING CONDUCTED
ON STEEL DOORS**

Prepared for:
MEGAMET INDUSTRIES INC.
Attn: Mr. Edward Wall Jr.
3228 6th Avenue North
P.O. Box 635
Birmingham, AL 35201

CLIENT PURCHASE ORDER: 70109

Prepared By:



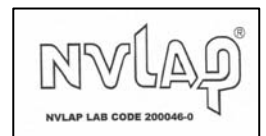
Kyle Hall
Sr. Engineering Technician
Product Testing Department

Reviewed By:



Mathew N. Botz
Project Manager
Product Testing Department
(651) 659-7353

The test results contained in this report pertain only to the samples submitted for testing and not necessarily to all similar products.



PROJECT NUMBER: 30160-09-07053-G

PAGE: 2 of 32

DATE: November 6, 2009

Sound Transmission Class Testing (ASTM E90-09)

INTRODUCTION:

This report presents the results of sound transmission testing conducted on various Steel Doors. The doors were submitted by Mr. Edward Wall Jr. of MegaMet Industries Inc. This work was completed on July 31, 2009.

This report must not be reproduced except in full with the approval of Stork Twin City Testing Corporation. The data in this report relates only to the items tested.

Stork Twin City Testing Corporation has been accredited by the U.S. Department of Commerce and the National Institute of Standards and Technology (NIST, formerly NBS) under their National Voluntary Laboratory Accreditation Program (NVLAP) for conducting ASTM E90 test procedure. This report may not be used to claim product endorsement by NVLAP, NIST or any agency of the U.S. Government.

SPECIMEN DESCRIPTION: (Also see "Test Results")

Each 'Test Sample' was identified by MegaMet Industries Inc. The metal door frame measured 43-1/4" x 89-1/4" x 5-3/8" and was insulated with fiberglass and lumber. The door blank measured 35-13/16" x 83-1/2" x 1-3/4". Each Door Sample was steel faced. Door sweep and frame gasketing information is detailed the test result summary. All doors were operational except as follows:

Tests #1x, 2xx,7,11: The door panel was sealed to the frame using a heavy, non-hardening mastic material. This excluded all flanking noise associated with weatherstripping/gasket leakage.

Tests #2x, 20x: The door sweet was sealed to the frame using a heavy, non-hardening mastic material. This excluded all flanking noise associated with weatherstripping/gasket leakage through the sill.

Additional Weather Seal information

Location	General Name	Dimensions
Door Bottom	Automatic Door Bottom – Foam Drop Seal	23mm x 42mm
Frame Perimeter	Three Finger Gasket - Frame perimeter.	12.7mm wide x 9.5mm tall
Threshold / Jamb Corner on Frame	Acoustic Corner Pad	31.8mm x 50.8mm
Frame Perimeter	Kerfed bulb seal (foam filled)	5mm x 7mm
Frame Perimeter	Adjustable Perimeter Gasketing	22.2mm x 60.3mm
Door Bottom	Triple Finger Door Bottom Sweep	6.4mm x 44.4mm
Threshold	Aluminum Threshold / Bumber seal	127mm x 12.7mm
Frame Perimeter	Kerf-in, bulb seal (hollow)	11 mm diam.
Frame Perimeter	Foam Tape (1/8")	13mm x 3mm

Information and statements in this report are derived from material, information and/or specifications furnished by the client and exclude any expressed or implied warranties as to the fitness of the material tested or analyzed for any particular purpose or use. This report is the confidential property of our client and may not be used for advertising purposes. This report shall not be reproduced except in full, without written approval of this laboratory. The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal Statutes including Federal Law Title 18, Chapter 47

PROJECT NUMBER: 30160-09-07053-G

PAGE: 4 of 32

DATE: November 6, 2009

TEST PROCEDURE:

Sound Transmission Test

ASTM:E90(09), "Laboratory Measurement of Airborne Sound Transmission of Building Partitions," was followed in every respect. The STC value was obtained by applying the Transmission Loss (TL) values to the STC reference contour of ASTM: E413(04), "Determination of Sound Transmission Class." The actual transmission loss at each frequency was calculated by the following equations:

$$TL = NR + 10 \log S - 10 \log A_2$$

- where: TL = Transmission Loss (dB)
 NR = Noise Reduction (dB)
 S = Surface area common to both sides (sq. ft.)
 A₂ = Sound absorption of the receiving room with the sample in place (sabins)

OITC Procedure

ASTM:E1332(03), "Determination of Outdoor-Indoor Transmission Class", was followed in every respect. Basically, the OITC was calculated by using the sound transmission loss values in the 80 to 4000 Hz range as measured in accordance with ASTM E-90(09). These transmission loss data are then used to determine the A-weighted sound level reduction of the specimen for the reference source spectrum specified in Table 1 of ASTM E1332(03). The appropriate calculations were made to determine the OITC value. TL measurements were obtained in a single direction, from Source Room to the Receiving room. The source room has a volume of 2948-ft³ (83-m³) and the receiving room has a volume of 5825-ft³ (165-m³).

Windows & Doors: Windows and Doors are operated at least 5-times prior to testing. The test unit is operational unless otherwise stated.

The temperatures and relative humidity of the termination room met the requirements of the standard during and after the test. All frequencies met the requirements for 95% confidence established by the standard. Filler wall performance was established prior to testing at a STC rating of 66.

TEST EQUIPMENT:

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>	<u>S/N</u>
Norwegian Electronics	NE830	Real Time Analyzer	10722
Brüel & Kjær	3923	Rotating Microphone Boom	815424
Norsonic (Source Rm)	1230	Pressure Condenser Microphone	26361
Larson Davis (Term Rm)	2560	Pressure Condenser Microphone	1128

REMARKS:

The test sample will be retained for a period of **15-days** and then discarded unless notified by the client.

F:\Product\MMFILES\MNB\2009 REPORTS MNB\07053-MegaMet-Gen.doc

Information and statements in this report are derived from material, information and/or specifications furnished by the client and exclude any expressed or implied warranties as to the fitness of the material tested or analyzed for any particular purpose or use. This report is the confidential property of our client and may not be used for advertising purposes. This report shall not be reproduced except in full, without written approval of this laboratory. The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal Statutes including Federal Law Title 18, Chapter 47

Materials Technology

PROJECT NUMBER: 30160-09-07053-G

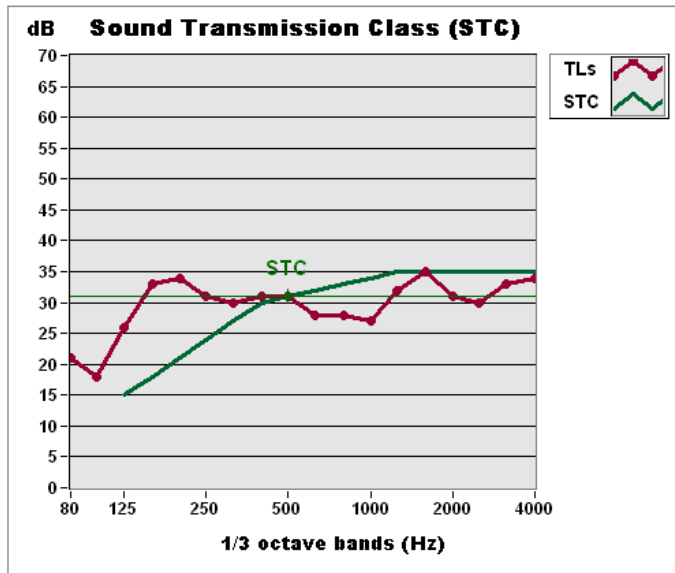
PAGE: 5 of 32

DATE: November 4, 2009

TEST RESULTS:

Filename test #1		ASTM E90 - Laboratory Sound Transmission Class			
Project Folder 07053 Mega	Client MegaMet Ind. Inc.	Product Metal Door	Model # 1	Quantity 1	Comment
Sample Size - Wt. 43.3 in x 89.3 in x 5-3/8" - 334 lbs		Sample Description MegaMet Industries Inc. Metal Door : Right Hand Door :			
Time Stamp Tue, Jul 28, 2009 - 11:32 AM					

F (Hz)	TLs	95% CI	def
80	21	3.4	-
100	18	1.6	-
125	26	1.4	0
160	33	1.0	0
200	34	1.0	0
250	31	0.6	0
315	30	0.4	0
400	31	0.3	0
500	31	0.4	0
630	28	0.3	4
800	28	0.2	5
1000	27	0.2	7
1250	32	0.2	3
1600	35	0.2	0
2000	31	0.2	4
2500	30	0.2	5
3150	33	0.2	2
4000	34	0.2	1



Temp (°C) **22.3** R.H. (%) **56** ATM (mbar) **993**

STC = 31 def: 31
OITC: 29

Information and statements in this report are derived from material, information and/or specifications furnished by the client and exclude any expressed or implied warranties as to the fitness of the material tested or analyzed for any particular purpose or use. This report is the confidential property of our client and may not be used for advertising purposes. This report shall not be reproduced except in full, without written approval of this laboratory. The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal Statutes including Federal Law Title 18, Chapter 47

Materials Technology

PROJECT NUMBER: 30160-09-07053-G

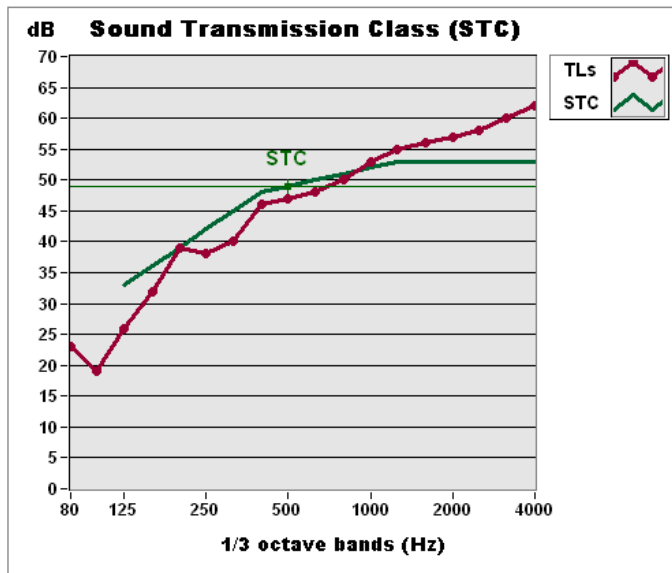
PAGE: 6 of 32

DATE: November 4, 2009

TEST RESULTS:

Filename test #1x		ASTM E90 - Laboratory Sound Transmission Class			
Project Folder 07053 Mega	Client MegaMet Ind. Inc.	Product Metal Door	Model # 1	Quantity 1	Comment Sealed Panel
Sample Size - Wt. 43.3 in x 89.3 in x 5-3/8" - 334 lbs		Sample Description MegaMet Industries Inc. Right Hand Metal Door Sealed Panel :			
Time Stamp Tue, Jul 28, 2009 - 11:32 AM					

F (Hz)	TLs	95% CI	def
80	23	3.4	-
100	19	1.6	-
125	26	1.4	7
160	32	1.0	4
200	39	1.0	0
250	38	0.6	4
315	40	0.4	5
400	46	0.3	2
500	47	0.4	2
630	48	0.3	2
800	50	0.2	1
1000	53	0.2	0
1250	55	0.2	0
1600	56	0.2	0
2000	57	0.2	0
2500	58	0.2	0
3150	60	0.2	0
4000	62	0.2	0



STC = 49 def: 27
OITC: 34

Temp (°C) **22.3** R.H. (%) **56** ATM (mbar) **993**

Information and statements in this report are derived from material, information and/or specifications furnished by the client and exclude any expressed or implied warranties as to the fitness of the material tested or analyzed for any particular purpose or use. This report is the confidential property of our client and may not be used for advertising purposes. This report shall not be reproduced except in full, without written approval of this laboratory. The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal Statutes including Federal Law Title 18, Chapter 47

Materials Technology

PROJECT NUMBER: 30160-09-07053-G

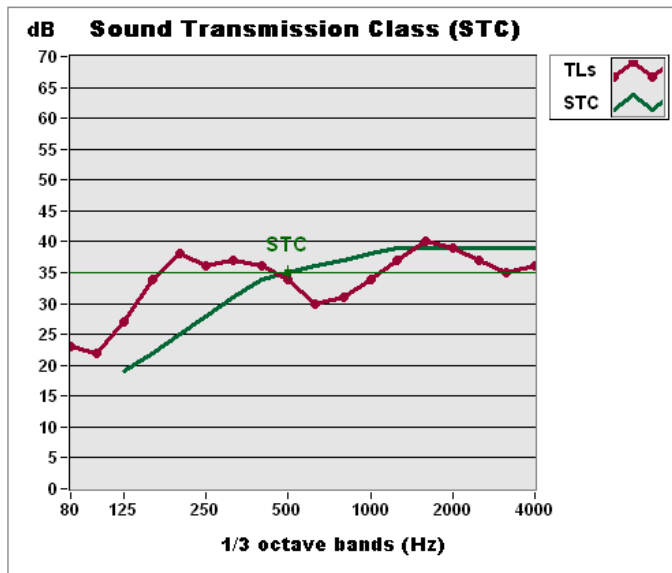
PAGE: 7 of 32

DATE: November 4, 2009

TEST RESULTS:

Filename test #2		ASTM E90 - Laboratory Sound Transmission Class			
Project Folder 07053 Mega	Client MegaMet Ind. Inc.	Product Metal Door	Model # 3A	Quantity 1	Comment Hi-perf. Filler Wall.
Sample Size - Wt. 43.3 in x 89.3 in x 5-3/8" - 364 lbs		Sample Description MegaMet Industries Inc.			Metal Door :
Time Stamp Tue, Jul 28, 2009 - 3:19 PM					

F (Hz)	TLs	95% CI	def
80	23	3.4	-
100	22	1.6	-
125	27	1.4	0
160	34	1.0	0
200	38	1.0	0
250	36	0.6	0
315	37	0.4	0
400	36	0.3	0
500	34	0.4	1
630	30	0.3	6
800	31	0.2	6
1000	34	0.2	4
1250	37	0.2	2
1600	40	0.2	0
2000	39	0.2	0
2500	37	0.2	2
3150	35	0.2	4
4000	36	0.2	3



STC = 35 def: 28
OITC: 32

Temp (°C) **22.3** R.H. (%) **56** ATM (mbar) **993**

Information and statements in this report are derived from material, information and/or specifications furnished by the client and exclude any expressed or implied warranties as to the fitness of the material tested or analyzed for any particular purpose or use. This report is the confidential property of our client and may not be used for advertising purposes. This report shall not be reproduced except in full, without written approval of this laboratory. The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal Statutes including Federal Law Title 18, Chapter 47

Materials Technology

PROJECT NUMBER: 30160-09-07053-G

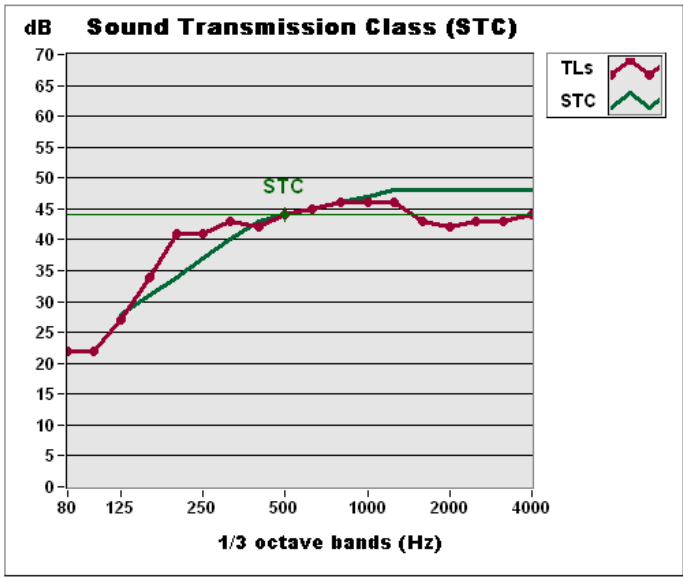
PAGE: 8 of 32

DATE: November 4, 2009

TEST RESULTS:

Filename test #2x		ASTM E90 - Laboratory Sound Transmission Class			
Project Folder 07053 Mega	Client MegaMet Ind. Inc.	Product Metal Door	Model # 3A	Quantity 1	Comment Hi-perf. Filler Wall.
Sample Size - Wt. 43.3 in x 89.3 in x 5-3/8" - 364 lbs		Sample Description MegaMet Industries Inc.			Metal Door :
Time Stamp Tue, Jul 28, 2009 - 3:27 PM					

F (Hz)	TLs	95% CI	def
80	22	3.4	-
100	22	1.6	-
125	27	1.4	1
160	34	1.0	0
200	41	1.0	0
250	41	0.6	0
315	43	0.4	0
400	42	0.3	1
500	44	0.4	0
630	45	0.3	0
800	46	0.2	0
1000	46	0.2	1
1250	46	0.2	2
1600	43	0.2	5
2000	42	0.2	6
2500	43	0.2	5
3150	43	0.2	5
4000	44	0.2	4



STC = 44 def: 30
OITC: 35

Temp (°C) **22.3** R.H. (%) **56** ATM (mbar) **993**

Information and statements in this report are derived from material, information and/or specifications furnished by the client and exclude any expressed or implied warranties as to the fitness of the material tested or analyzed for any particular purpose or use. This report is the confidential property of our client and may not be used for advertising purposes. This report shall not be reproduced except in full, without written approval of this laboratory. The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal Statutes including Federal Law Title 18, Chapter 47

Materials Technology

PROJECT NUMBER: 30160-09-07053-G

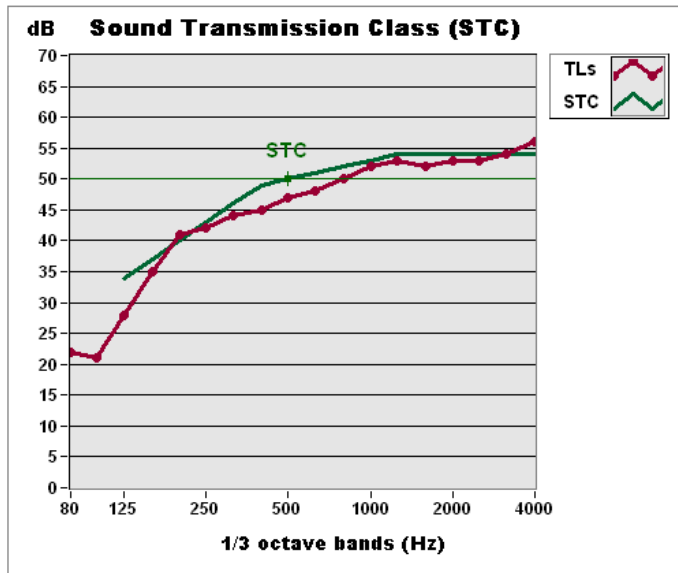
PAGE: 9 of 32

DATE: November 4, 2009

TEST RESULTS:

Filename test #2XX		ASTM E90 - Laboratory Sound Transmission Class			
Project Folder 07053 Mega	Client MegaMet Ind. Inc.	Product Metal Door	Model # 3A	Quantity 1	Comment Hi-perf. Filler Wall.
Sample Size - Wt. 43.3 in x 89.3 in x 5-3/8" - 364 lbs		Sample Description MegaMet Industries Inc. Metal Door :			
Time Stamp Tue, Jul 28, 2009 - 3:48 PM					

F (Hz)	TLs	95% CI	def
80	22	3.4	-
100	21	1.6	-
125	28	1.4	6
160	35	1.0	2
200	41	1.0	0
250	42	0.6	1
315	44	0.4	2
400	45	0.3	4
500	47	0.4	3
630	48	0.3	3
800	50	0.2	2
1000	52	0.2	1
1250	53	0.2	1
1600	52	0.2	2
2000	53	0.2	1
2500	53	0.2	1
3150	54	0.2	0
4000	56	0.2	0



Temp (°C) **22.3** R.H. (%) **56** ATM (mbar) **993**

Information and statements in this report are derived from material, information and/or specifications furnished by the client and exclude any expressed or implied warranties as to the fitness of the material tested or analyzed for any particular purpose or use. This report is the confidential property of our client and may not be used for advertising purposes. This report shall not be reproduced except in full, without written approval of this laboratory. The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal Statutes including Federal Law Title 18, Chapter 47

Materials Technology

PROJECT NUMBER: 30160-09-07053-G

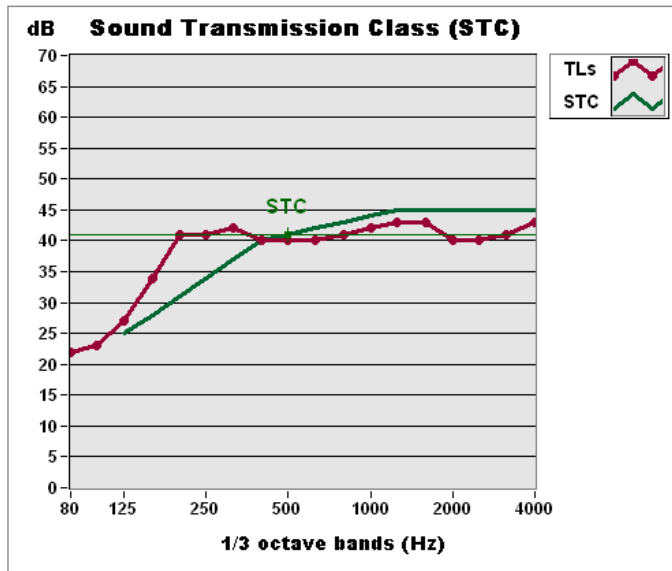
PAGE: 10 of 32

DATE: November 4, 2009

TEST RESULTS:

Filename test #3		ASTM E90 - Laboratory Sound Transmission Class			
Project Folder 07053 Mega	Client MegaMet Ind. Inc.	Product Metal Door	Model # 3A	Quantity 1	Comment Hi-perf. Filler Wall.
Sample Size - Wt. 43.3 in x 89.3 in x 5-3/8" - 364 lbs		Sample Description MegaMet Industries Inc. Metal Door :			
Time Stamp Wed, Jul 29, 2009 - 9:22 AM					

F (Hz)	TLs	95% CI	def
80	22	3.7	-
100	23	2.1	-
125	27	2.6	0
160	34	3.3	0
200	41	2.4	0
250	41	2.5	0
315	42	3.1	0
400	40	2.7	0
500	40	2.1	1
630	40	1.7	2
800	41	1.4	2
1000	42	1.2	2
1250	43	1.0	2
1600	43	0.8	2
2000	40	0.6	5
2500	40	0.5	5
3150	41	0.4	4
4000	43	0.4	2



STC = 41 def: 27
OITC: 35

Temp (°C) **22.3** R.H. (%) **56** ATM (mbar) **993**

Information and statements in this report are derived from material, information and/or specifications furnished by the client and exclude any expressed or implied warranties as to the fitness of the material tested or analyzed for any particular purpose or use. This report is the confidential property of our client and may not be used for advertising purposes. This report shall not be reproduced except in full, without written approval of this laboratory. The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal Statutes including Federal Law Title 18, Chapter 47

PROJECT NUMBER: 30160-09-07053-G

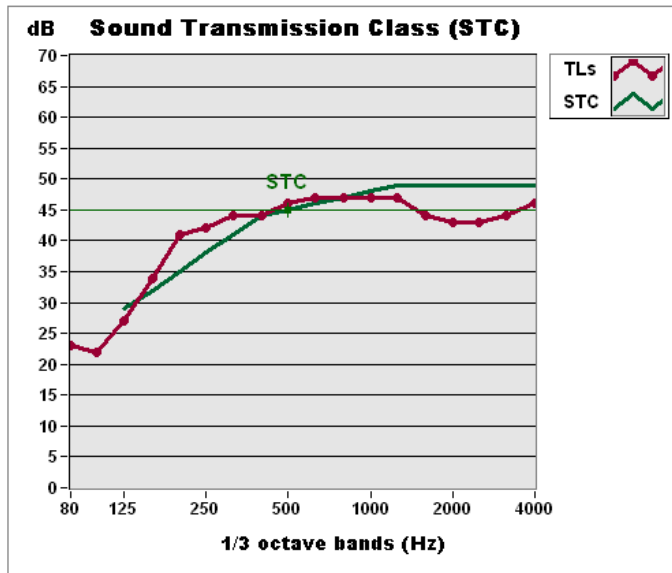
PAGE: 11 of 32

DATE: November 4, 2009

TEST RESULTS:

Filename test #3b		ASTM E90 - Laboratory Sound Transmission Class				
Project Folder 07053 Mega	Client MegaMet Ind. Inc.	Product Metal Door	Model # 3	Quantity 1	Comment Hi-perf. Filler Wall.	
Sample Size - Wt. 43.3 in x 89.3 in x 5-3/8" - 364 lbs		Sample Description MegaMet Industries Inc. Metal Door :				
Time Stamp Wed, Jul 29, 2009 - 10:35 AM						

F (Hz)	TLs	95% CI	def
80	23	3.7	-
100	22	2.1	-
125	27	2.6	2
160	34	3.3	0
200	41	2.4	0
250	42	2.5	0
315	44	3.1	0
400	44	2.7	0
500	46	2.1	0
630	47	1.7	0
800	47	1.4	0
1000	47	1.2	1
1250	47	1.0	2
1600	44	0.8	5
2000	43	0.6	6
2500	43	0.5	6
3150	44	0.4	5
4000	46	0.4	3



STC = 45 def: 30
OITC: 36

Temp (°C) **22.1** R.H. (%) **54** ATM (mbar) **994**

Information and statements in this report are derived from material, information and/or specifications furnished by the client and exclude any expressed or implied warranties as to the fitness of the material tested or analyzed for any particular purpose or use. This report is the confidential property of our client and may not be used for advertising purposes. This report shall not be reproduced except in full, without written approval of this laboratory. The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal Statutes including Federal Law Title 18, Chapter 47

Materials Technology

PROJECT NUMBER: 30160-09-07053-G

PAGE: 12 of 32

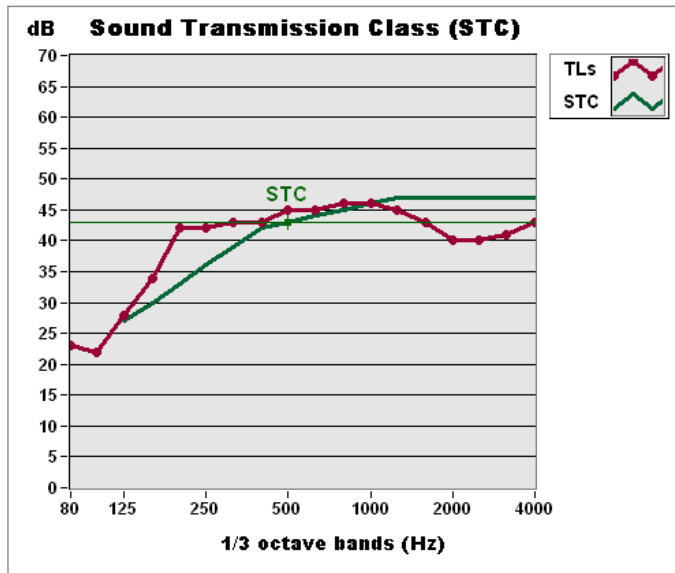
DATE: November 4, 2009

TEST RESULTS:

Filename test #4		ASTM E90 - Laboratory Sound Transmission Class			
Project Folder 07053 Mega	Client MegaMet Ind. Inc.	Product Metal Door	Model # 3	Quantity 1	Comment Hi-perf. Filler Wall.
Sample Size - Wt. 43.3 in x 89.3 in x 5-3/8" - 364 lbs		Sample Description MegaMet Industries Inc. Metal Door :			
Time Stamp Wed, Jul 29, 2009 - 10:59 AM					

F (Hz)	TLs	95% CI	def
80	23	3.7	-
100	22	2.1	-
125	28	2.6	0
160	34	3.3	0
200	42	2.4	0
250	42	2.5	0
315	43	3.1	0
400	43	2.7	0
500	45	2.1	0
630	45	1.7	0
800	46	1.4	0
1000	46	1.2	0
1250	45	1.0	2
1600	43	0.8	4
2000	40	0.6	7
2500	40	0.5	7
3150	41	0.4	6
4000	43	0.4	4

Temp (°C) **22.1** R.H. (%) **54** ATM (mbar) **994**



STC = 43 def: 30
OITC: 36

Information and statements in this report are derived from material, information and/or specifications furnished by the client and exclude any expressed or implied warranties as to the fitness of the material tested or analyzed for any particular purpose or use. This report is the confidential property of our client and may not be used for advertising purposes. This report shall not be reproduced except in full, without written approval of this laboratory. The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal Statutes including Federal Law Title 18, Chapter 47

Materials Technology

PROJECT NUMBER: 30160-09-07053-G

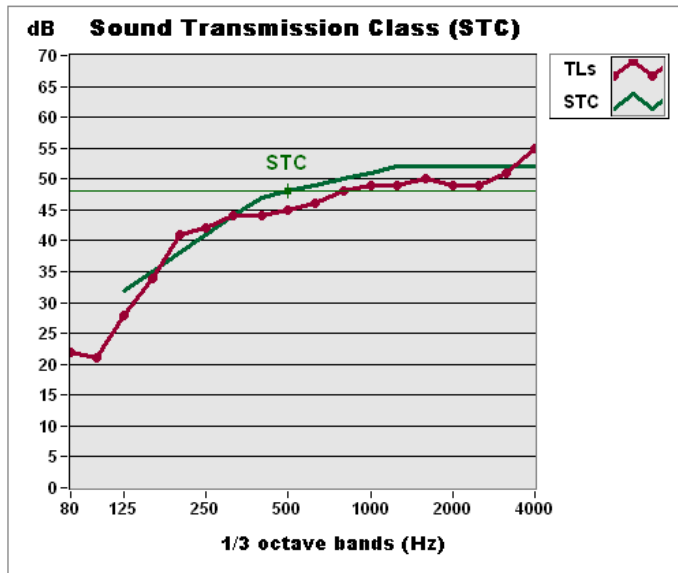
PAGE: 13 of 32

DATE: November 4, 2009

TEST RESULTS:

Filename test #5		ASTM E90 - Laboratory Sound Transmission Class			
Project Folder 07053 Mega	Client MegaMet Ind. Inc.	Product Metal Door	Model # 3	Quantity 1	Comment Hi-perf. Filler Wall.
Sample Size - Wt. 43.3 in x 89.3 in x 5-3/8" - 364 lbs		Sample Description MegaMet Industries Inc. Metal Door :			
Time Stamp Wed, Jul 29, 2009 - 11:28 AM					

F (Hz)	TLs	95% CI	def
80	22	3.7	-
100	21	2.1	-
125	28	2.6	4
160	34	3.3	1
200	41	2.4	0
250	42	2.5	0
315	44	3.1	0
400	44	2.7	3
500	45	2.1	3
630	46	1.7	3
800	48	1.4	2
1000	49	1.2	2
1250	49	1.0	3
1600	50	0.8	2
2000	49	0.6	3
2500	49	0.5	3
3150	51	0.4	1
4000	55	0.4	0



STC = 48 def: 30
OITC: 35

Temp (°C)	R.H. (%)	ATM (mbar)
22.1	54	994

Information and statements in this report are derived from material, information and/or specifications furnished by the client and exclude any expressed or implied warranties as to the fitness of the material tested or analyzed for any particular purpose or use. This report is the confidential property of our client and may not be used for advertising purposes. This report shall not be reproduced except in full, without written approval of this laboratory. The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal Statutes including Federal Law Title 18, Chapter 47

Materials Technology

PROJECT NUMBER: 30160-09-07053-G

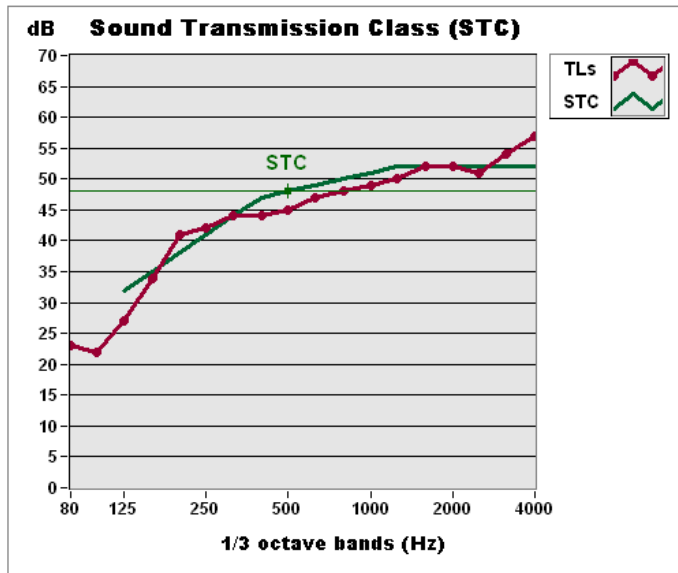
PAGE: 14 of 32

DATE: November 4, 2009

TEST RESULTS:

Filename test #6		ASTM E90 - Laboratory Sound Transmission Class			
Project Folder 07053 Mega	Client MegaMet Ind. Inc.	Product Metal Door	Model # 3A Door	Quantity 1	Comment Hi-perf. Filler Wall.
Sample Size - Wt. 43.3 in x 89.3 in x 5-3/8" - 364 lbs		Sample Description MegaMet Industries Inc. Metal Door :			
Time Stamp Wed, Jul 29, 2009 - 12:02 PM					

F (Hz)	TLs	95% CI	def
80	23	3.7	-
100	22	2.1	-
125	27	2.6	5
160	34	3.3	1
200	41	2.4	0
250	42	2.5	0
315	44	3.1	0
400	44	2.7	3
500	45	2.1	3
630	47	1.7	2
800	48	1.4	2
1000	49	1.2	2
1250	50	1.0	2
1600	52	0.8	0
2000	52	0.6	0
2500	51	0.5	1
3150	54	0.4	0
4000	57	0.4	0



STC = 48 def: 21
OITC: 36

Temp (°C) **22.3** R.H. (%) **55** ATM (mbar) **994**

Information and statements in this report are derived from material, information and/or specifications furnished by the client and exclude any expressed or implied warranties as to the fitness of the material tested or analyzed for any particular purpose or use. This report is the confidential property of our client and may not be used for advertising purposes. This report shall not be reproduced except in full, without written approval of this laboratory. The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal Statutes including Federal Law Title 18, Chapter 47

Materials Technology

PROJECT NUMBER: 30160-09-07053-G

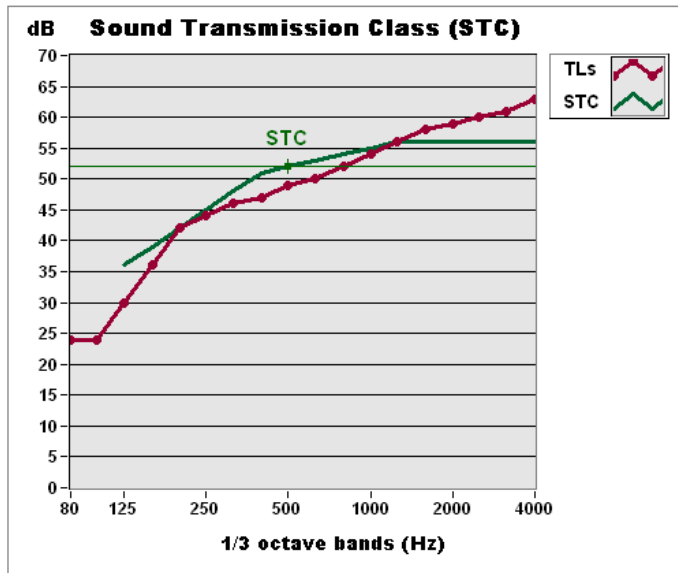
PAGE: 15 of 32

DATE: November 4, 2009

TEST RESULTS:

Filename test #7		ASTM E90 - Laboratory Sound Transmission Class			
Project Folder 07053 Mega	Client MegaMet Ind. Inc.	Product Metal Door	Model # 2A Door	Quantity 1	Comment Hi-perf. Filler Wall.
Sample Size - Wt. 43.3 in x 89.3 in x 5-3/8" - 404 lbs		Sample Description MegaMet Industries Inc. Metal Door :			
Time Stamp Wed, Jul 29, 2009 - 1:57 PM					

F (Hz)	TLs	95% CI	def
80	24	2.8	-
100	24	1.8	-
125	30	1.5	6
160	36	1.2	3
200	42	1.1	0
250	44	0.5	1
315	46	0.5	2
400	47	0.3	4
500	49	0.4	3
630	50	0.3	3
800	52	0.2	2
1000	54	0.2	1
1250	56	0.1	0
1600	58	0.3	0
2000	59	0.2	0
2500	60	0.2	0
3150	61	0.1	0
4000	63	0.2	0



STC = 52 def: 25
OITC: 38

Temp (°C) **22.3** R.H. (%) **55** ATM (mbar) **994**

Information and statements in this report are derived from material, information and/or specifications furnished by the client and exclude any expressed or implied warranties as to the fitness of the material tested or analyzed for any particular purpose or use. This report is the confidential property of our client and may not be used for advertising purposes. This report shall not be reproduced except in full, without written approval of this laboratory. The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal Statutes including Federal Law Title 18, Chapter 47

Materials Technology

PROJECT NUMBER: 30160-09-07053-G

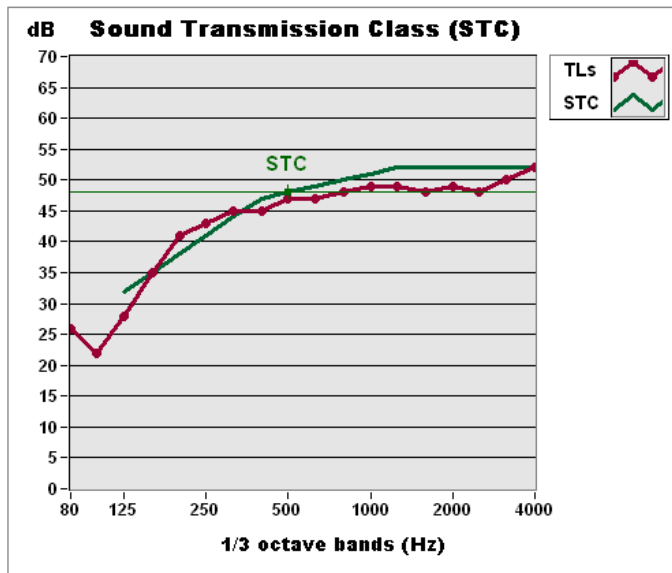
PAGE: 16 of 32

DATE: November 4, 2009

TEST RESULTS:

Filename test #8		ASTM E90 - Laboratory Sound Transmission Class			
Project Folder 07053 Mega	Client MegaMet Ind. Inc.	Product Metal Door	Model # 2A Door	Quantity 1	Comment Hi-perf. Filler Wall.
Sample Size - Wt. 43.3 in x 89.3 in x 5-3/8" - 404 lbs		Sample Description MegaMet Industries Inc. Metal Door :			
Time Stamp Wed, Jul 29, 2009 - 2:12 PM					

F (Hz)	TLs	95% CI	def
80	26	2.8	-
100	22	1.8	-
125	28	1.5	4
160	35	1.2	0
200	41	1.1	0
250	43	0.5	0
315	45	0.5	0
400	45	0.3	2
500	47	0.4	1
630	47	0.3	2
800	48	0.2	2
1000	49	0.2	2
1250	49	0.1	3
1600	48	0.3	4
2000	49	0.2	3
2500	48	0.2	4
3150	50	0.1	2
4000	52	0.2	0



STC = 48 def: 29
OITC: 37

Temp (°C) **22.3** R.H. (%) **55** ATM (mbar) **994**

Information and statements in this report are derived from material, information and/or specifications furnished by the client and exclude any expressed or implied warranties as to the fitness of the material tested or analyzed for any particular purpose or use. This report is the confidential property of our client and may not be used for advertising purposes. This report shall not be reproduced except in full, without written approval of this laboratory. The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal Statutes including Federal Law Title 18, Chapter 47

Materials Technology

PROJECT NUMBER: 30160-09-07053-G

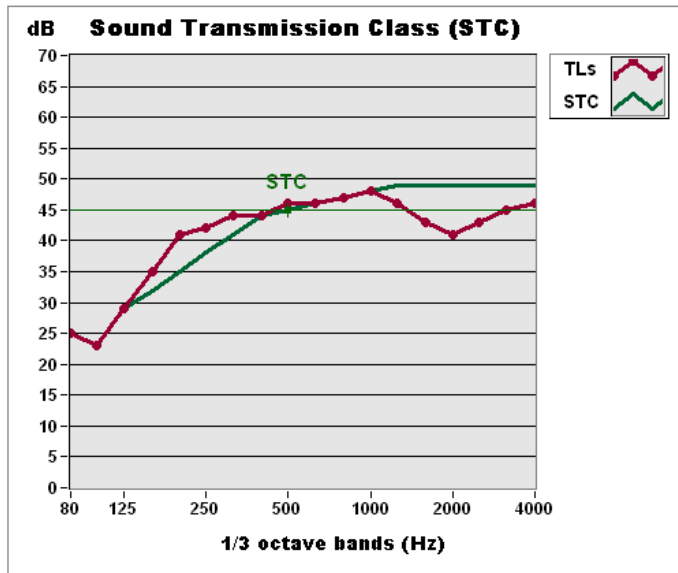
PAGE: 17 of 32

DATE: November 4, 2009

TEST RESULTS:

Filename test #9		ASTM E90 - Laboratory Sound Transmission Class			
Project Folder 07053 Mega	Client MegaMet Ind. Inc.	Product Metal Door	Model # 2A Door	Quantity 1	Comment Hi-perf. Filler Wall.
Sample Size - Wt. 43.3 in x 89.3 in x 5-3/8" - 404 lbs		Sample Description MegaMet Industries Inc. Metal Door :			
Time Stamp Wed, Jul 29, 2009 - 2:29 PM					

F (Hz)	TLs	95% CI	def
80	25	2.8	-
100	23	1.8	-
125	29	1.5	0
160	35	1.2	0
200	41	1.1	0
250	42	0.5	0
315	44	0.5	0
400	44	0.3	0
500	46	0.4	0
630	46	0.3	0
800	47	0.2	0
1000	48	0.2	0
1250	46	0.1	3
1600	43	0.3	6
2000	41	0.2	8
2500	43	0.2	6
3150	45	0.1	4
4000	46	0.2	3



STC = 45 def: 30
OITC: 37

Temp (°C) **22.3** R.H. (%) **55** ATM (mbar) **994**

Information and statements in this report are derived from material, information and/or specifications furnished by the client and exclude any expressed or implied warranties as to the fitness of the material tested or analyzed for any particular purpose or use. This report is the confidential property of our client and may not be used for advertising purposes. This report shall not be reproduced except in full, without written approval of this laboratory. The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal Statutes including Federal Law Title 18, Chapter 47

PROJECT NUMBER: 30160-09-07053-G

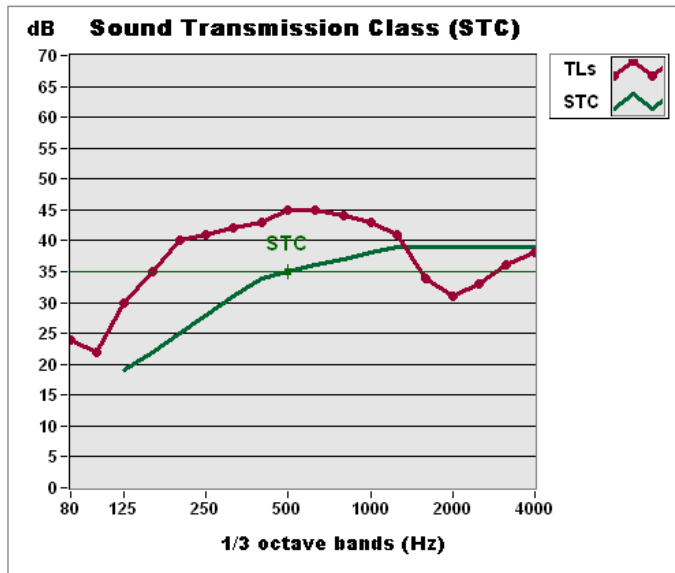
PAGE: 18 of 32

DATE: November 4, 2009

TEST RESULTS:

Filename test #10		ASTM E90 - Laboratory Sound Transmission Class			
Project Folder 07053 Mega	Client MegaMet Ind. Inc.	Product Metal Door	Model # 2A Door	Quantity 1	Comment Hi-perf. Filler Wall.
Sample Size - Wt. 43.3 in x 89.3 in x 5-3/8" - 404 lbs		Sample Description MegaMet Industries Inc. Metal Door :			
Time Stamp Wed, Jul 29, 2009 - 3:04 PM					

F (Hz)	TLs	95% CI	def
80	24	2.8	-
100	22	1.8	-
125	30	1.5	0
160	35	1.2	0
200	40	1.1	0
250	41	0.5	0
315	42	0.5	0
400	43	0.3	0
500	45	0.4	0
630	45	0.3	0
800	44	0.2	0
1000	43	0.2	0
1250	41	0.1	0
1600	34	0.3	5
2000	31	0.2	8
2500	33	0.2	6
3150	36	0.1	3
4000	38	0.2	1



STC = 35 def: 23
OITC: 34

Temp (°C) **22.3** R.H. (%) **55** ATM (mbar) **994**

Information and statements in this report are derived from material, information and/or specifications furnished by the client and exclude any expressed or implied warranties as to the fitness of the material tested or analyzed for any particular purpose or use. This report is the confidential property of our client and may not be used for advertising purposes. This report shall not be reproduced except in full, without written approval of this laboratory. The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal Statutes including Federal Law Title 18, Chapter 47

Materials Technology

PROJECT NUMBER: 30160-09-07053-G

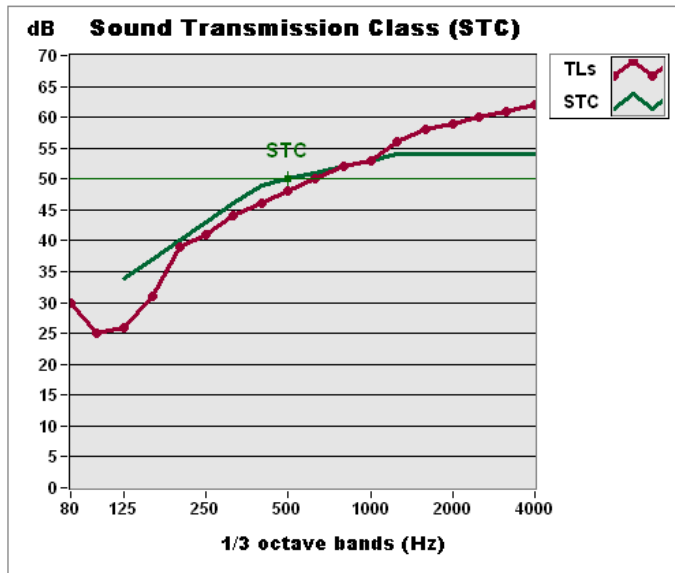
PAGE: 19 of 32

DATE: November 4, 2009

TEST RESULTS:

Filename test #11		ASTM E90 - Laboratory Sound Transmission Class			
Project Folder 07053 Mega	Client MegaMet Ind. Inc.	Product Metal Door	Model # 4A Door	Quantity 1	Comment Hi-perf. Filler Wall.
Sample Size - Wt. 43.3 in x 89.3 in x 5-3/8" - 421 lbs		Sample Description MegaMet Industries Inc. Metal Door : SEALED PANEL :			
Time Stamp Wed, Jul 29, 2009 - 4:18 PM					

F (Hz)	TLs	95% CI	def
80	30	2.8	-
100	25	1.8	-
125	26	1.5	8
160	31	1.2	6
200	39	1.1	1
250	41	0.5	2
315	44	0.5	2
400	46	0.3	3
500	48	0.4	2
630	50	0.3	1
800	52	0.2	0
1000	53	0.2	0
1250	56	0.1	0
1600	58	0.3	0
2000	59	0.2	0
2500	60	0.2	0
3150	61	0.1	0
4000	62	0.2	0



STC = 50 def: 25
OITC: 37

Temp (°C) R.H. (%) ATM (mbar)
22.3 55 994

Information and statements in this report are derived from material, information and/or specifications furnished by the client and exclude any expressed or implied warranties as to the fitness of the material tested or analyzed for any particular purpose or use. This report is the confidential property of our client and may not be used for advertising purposes. This report shall not be reproduced except in full, without written approval of this laboratory. The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal Statutes including Federal Law Title 18, Chapter 47

Materials Technology

PROJECT NUMBER: 30160-09-07053-G

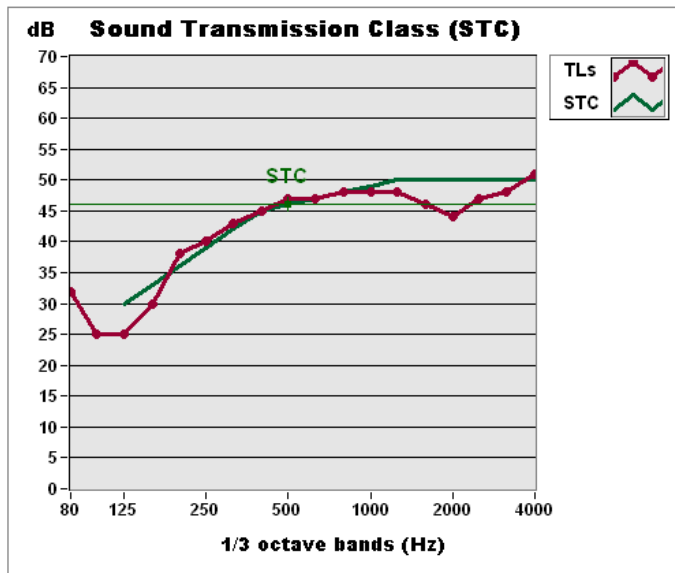
PAGE: 20 of 32

DATE: November 4, 2009

TEST RESULTS:

Filename test #12		ASTM E90 - Laboratory Sound Transmission Class			
Project Folder 07053 Mega	Client MegaMet Ind. Inc.	Product Metal Door	Model # 4A Door	Quantity 1	Comment Hi-perf. Filler Wall.
Sample Size - Wt. 43.3 in x 89.3 in x 5-3/8" - 421 lbs		Sample Description MegaMet Industries Inc.		Metal Door : OPERATIONAL	
Time Stamp Wed, Jul 29, 2009 - 5:00 PM		PANEL :			

F (Hz)	TLs	95% CI	def
80	32	2.8	-
100	25	1.8	-
125	25	1.5	5
160	30	1.2	3
200	38	1.1	0
250	40	0.5	0
315	43	0.5	0
400	45	0.3	0
500	47	0.4	0
630	47	0.3	0
800	48	0.2	0
1000	48	0.2	1
1250	48	0.1	2
1600	46	0.3	4
2000	44	0.2	6
2500	47	0.2	3
3150	48	0.1	2
4000	51	0.2	0



STC = 46 def: 26
OITC: 37

Temp (°C)	R.H. (%)	ATM (mbar)
22.3	55	994

Information and statements in this report are derived from material, information and/or specifications furnished by the client and exclude any expressed or implied warranties as to the fitness of the material tested or analyzed for any particular purpose or use. This report is the confidential property of our client and may not be used for advertising purposes. This report shall not be reproduced except in full, without written approval of this laboratory. The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal Statutes including Federal Law Title 18, Chapter 47

Materials Technology

PROJECT NUMBER: 30160-09-07053-G

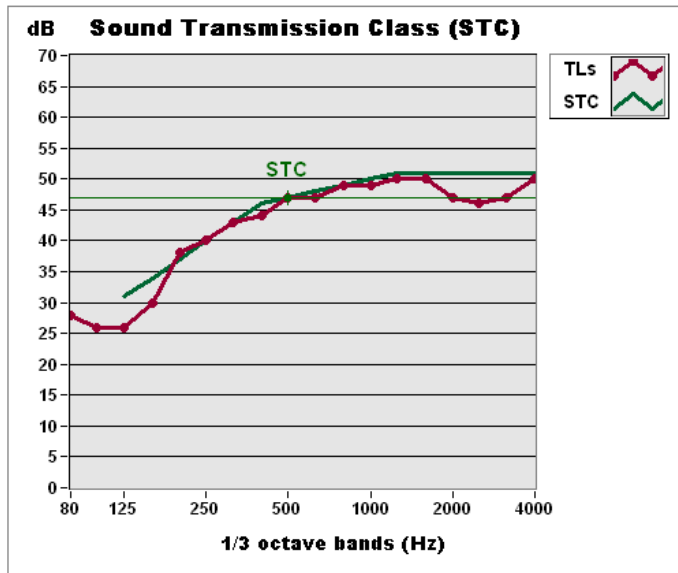
PAGE: 21 of 32

DATE: November 4, 2009

TEST RESULTS:

Filename test #13		ASTM E90 - Laboratory Sound Transmission Class			
Project Folder 07053 Mega	Client MegaMet Ind. Inc.	Product Metal Door	Model # 4A Door	Quantity 1	Comment Hi-perf. Filler Wall.
Sample Size - Wt. 43.3 in x 89.3 in x 5-3/8" - 421 lbs		Sample Description MegaMet Industries Inc. OPERATIONAL PANEL :			Metal Door :
Time Stamp Wed, Jul 29, 2009 - 5:33 PM					

F (Hz)	TLs	95% CI	def
80	28	2.8	-
100	26	1.8	-
125	26	1.5	5
160	30	1.2	4
200	38	1.1	0
250	40	0.5	0
315	43	0.5	0
400	44	0.3	2
500	47	0.4	0
630	47	0.3	1
800	49	0.2	0
1000	49	0.2	1
1250	50	0.1	1
1600	50	0.3	1
2000	47	0.2	4
2500	46	0.2	5
3150	47	0.1	4
4000	50	0.2	1



STC = 47 def: 29
OITC: 37

Temp (°C) **22.3** R.H. (%) **55** ATM (mbar) **994**

Information and statements in this report are derived from material, information and/or specifications furnished by the client and exclude any expressed or implied warranties as to the fitness of the material tested or analyzed for any particular purpose or use. This report is the confidential property of our client and may not be used for advertising purposes. This report shall not be reproduced except in full, without written approval of this laboratory. The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal Statutes including Federal Law Title 18, Chapter 47

Materials Technology

PROJECT NUMBER: 30160-09-07053-G

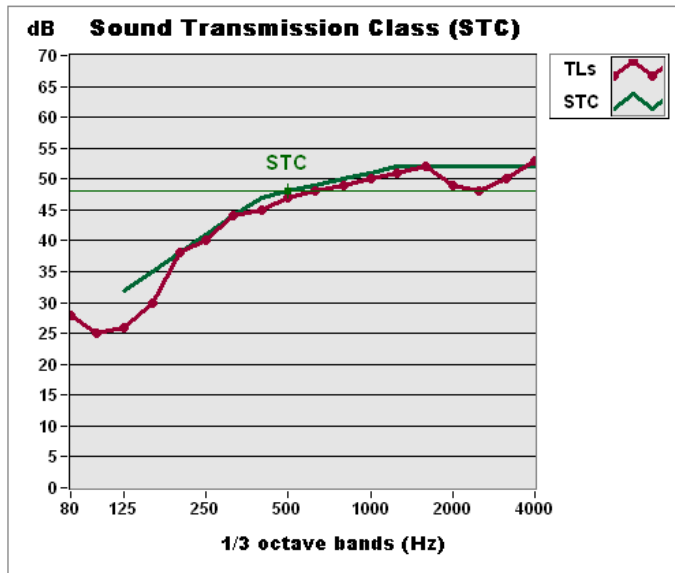
PAGE: 22 of 32

DATE: November 4, 2009

TEST RESULTS:

Filename test #14		ASTM E90 - Laboratory Sound Transmission Class			
Project Folder 07053 Mega	Client MegaMet Ind. Inc.	Product Metal Door	Model # 4A Door	Quantity 1	Comment Hi-perf. Filler Wall.
Sample Size - Wt. 43.3 in x 89.3 in x 5-3/8" - 421 lbs		Sample Description MegaMet Industries Inc. OPERATIONAL PANEL :			Metal Door :
Time Stamp Thu, Jul 30, 2009 - 9:01 AM					

F (Hz)	TLs	95% CI	def
80	28	3.1	-
100	25	1.9	-
125	26	1.4	6
160	30	1.6	5
200	38	0.8	0
250	40	0.5	1
315	44	0.5	0
400	45	0.4	2
500	47	0.4	1
630	48	0.3	1
800	49	0.2	1
1000	50	0.2	1
1250	51	0.2	1
1600	52	0.3	0
2000	49	0.2	3
2500	48	0.1	4
3150	50	0.2	2
4000	53	0.3	0



STC = 48 def: 28
OITC: 37

Temp (°C) **22.3** R.H. (%) **55** ATM (mbar) **994**

Information and statements in this report are derived from material, information and/or specifications furnished by the client and exclude any expressed or implied warranties as to the fitness of the material tested or analyzed for any particular purpose or use. This report is the confidential property of our client and may not be used for advertising purposes. This report shall not be reproduced except in full, without written approval of this laboratory. The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal Statutes including Federal Law Title 18, Chapter 47

Materials Technology

PROJECT NUMBER: 30160-09-07053-G

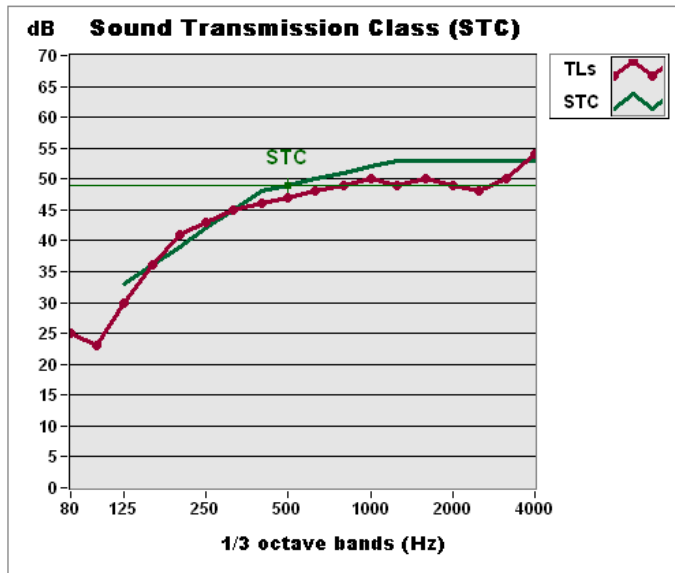
PAGE: 23 of 32

DATE: November 4, 2009

TEST RESULTS:

Filename test #15		ASTM E90 - Laboratory Sound Transmission Class			
Project Folder 07053 Mega	Client MegaMet Ind. Inc.	Product Metal Door	Model # 2A Door	Quantity 1	Comment Hi-perf. Filler Wall.
Sample Size - Wt. 43.3 in x 89.3 in x 5-3/8" - 404 lbs		Sample Description MegaMet Industries Inc. OPERATIONAL PANEL :			Metal Door :
Time Stamp Thu, Jul 30, 2009 - 10:04 AM					

F (Hz)	TLs	95% CI	def
80	25	3.1	-
100	23	1.9	-
125	30	1.4	3
160	36	1.6	0
200	41	0.8	0
250	43	0.5	0
315	45	0.5	0
400	46	0.4	2
500	47	0.4	2
630	48	0.3	2
800	49	0.2	2
1000	50	0.2	2
1250	49	0.2	4
1600	50	0.3	3
2000	49	0.2	4
2500	48	0.1	5
3150	50	0.2	3
4000	54	0.3	0



STC = 49 def: 32
OITC: 37

Temp (°C) **22.3** R.H. (%) **55** ATM (mbar) **994**

Information and statements in this report are derived from material, information and/or specifications furnished by the client and exclude any expressed or implied warranties as to the fitness of the material tested or analyzed for any particular purpose or use. This report is the confidential property of our client and may not be used for advertising purposes. This report shall not be reproduced except in full, without written approval of this laboratory. The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal Statutes including Federal Law Title 18, Chapter 47

Materials Technology

PROJECT NUMBER: 30160-09-07053-G

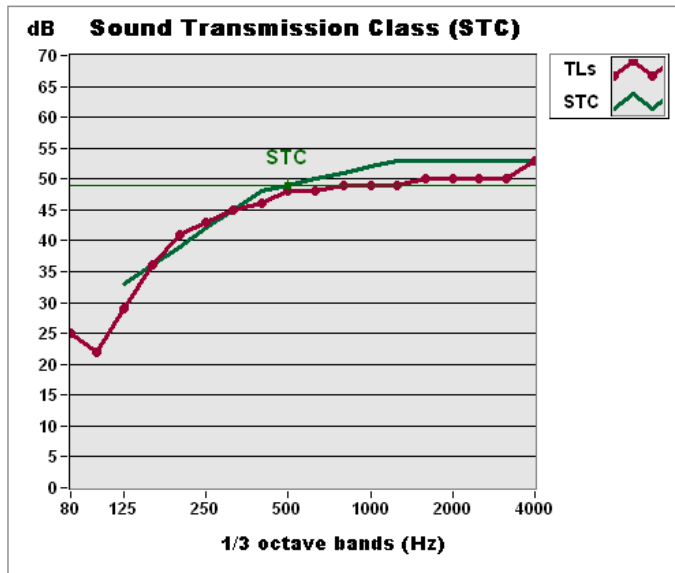
PAGE: 24 of 32

DATE: November 4, 2009

TEST RESULTS:

Filename test #16		ASTM E90 - Laboratory Sound Transmission Class			
Project Folder 07053 Mega	Client MegaMet Ind. Inc.	Product Metal Door	Model # 2A Door	Quantity 1	Comment Hi-perf. Filler Wall.
Sample Size - Wt. 43.3 in x 89.3 in x 5-3/8" - 404 lbs		Sample Description MegaMet Industries Inc. OPERATIONAL PANEL :			Metal Door :
Time Stamp Thu, Jul 30, 2009 - 10:57 AM					

F (Hz)	TLs	95% CI	def
80	25	3.1	-
100	22	1.9	-
125	29	1.4	4
160	36	1.6	0
200	41	0.8	0
250	43	0.5	0
315	45	0.5	0
400	46	0.4	2
500	48	0.4	1
630	48	0.3	2
800	49	0.2	2
1000	49	0.2	3
1250	49	0.2	4
1600	50	0.3	3
2000	50	0.2	3
2500	50	0.1	3
3150	50	0.2	3
4000	53	0.3	0



STC = 49 def: 30
OITC: 37

Temp (°C) **22.3** R.H. (%) **55** ATM (mbar) **994**

Information and statements in this report are derived from material, information and/or specifications furnished by the client and exclude any expressed or implied warranties as to the fitness of the material tested or analyzed for any particular purpose or use. This report is the confidential property of our client and may not be used for advertising purposes. This report shall not be reproduced except in full, without written approval of this laboratory. The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal Statutes including Federal Law Title 18, Chapter 47

Materials Technology

PROJECT NUMBER: 30160-09-07053-G

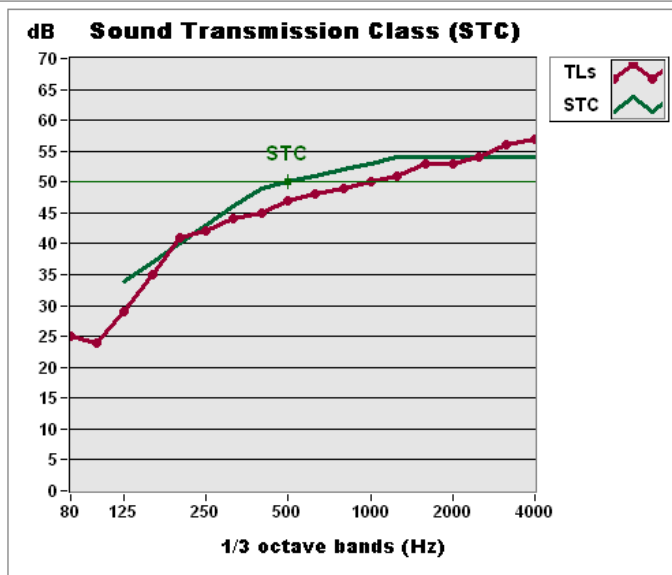
PAGE: 25 of 32

DATE: November 4, 2009

TEST RESULTS:

Filename test #17		ASTM E90 - Laboratory Sound Transmission Class			
Project Folder 07053 Mega	Client MegaMet Ind. Inc.	Product Metal Door	Model # 2A Door	Quantity 1	Comment Hi-perf. Filler Wall.
Sample Size - Wt. 43.3 in x 89.3 in x 5-3/8" - 404 lbs		Sample Description MegaMet Industries Inc. OPERATIONAL PANEL :			Metal Door :
Time Stamp Thu, Jul 30, 2009 - 12:02 PM					

F (Hz)	TLs	95% CI	def
80	25	3.1	-
100	24	1.9	-
125	29	1.4	5
160	35	1.6	2
200	41	0.8	0
250	42	0.5	1
315	44	0.5	2
400	45	0.4	4
500	47	0.4	3
630	48	0.3	3
800	49	0.2	3
1000	50	0.2	3
1250	51	0.2	3
1600	53	0.3	1
2000	53	0.2	1
2500	54	0.1	0
3150	56	0.2	0
4000	57	0.3	0



STC = 50 def: 31
OITC: 38

Temp (°C) **22.3** R.H. (%) **55** ATM (mbar) **994**

Information and statements in this report are derived from material, information and/or specifications furnished by the client and exclude any expressed or implied warranties as to the fitness of the material tested or analyzed for any particular purpose or use. This report is the confidential property of our client and may not be used for advertising purposes. This report shall not be reproduced except in full, without written approval of this laboratory. The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal Statutes including Federal Law Title 18, Chapter 47

Materials Technology

PROJECT NUMBER: 30160-09-07053-G

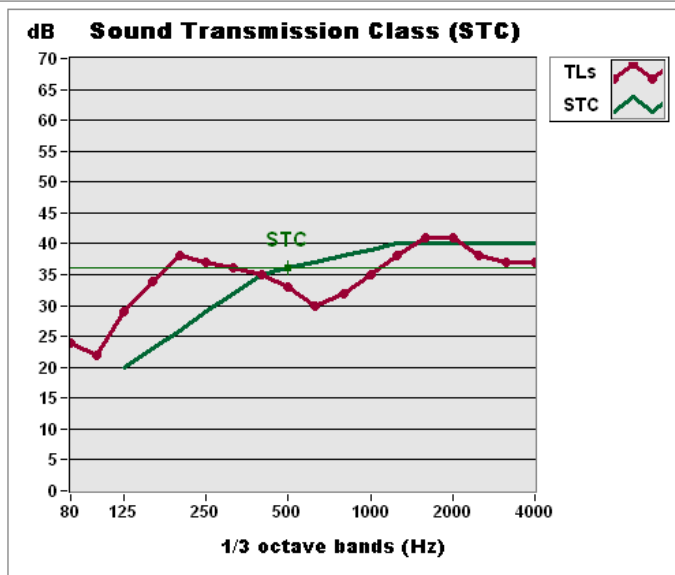
PAGE: 26 of 32

DATE: November 4, 2009

TEST RESULTS:

Filename test #18		ASTM E90 - Laboratory Sound Transmission Class			
Project Folder 07053 Mega	Client MegaMet Ind. Inc.	Product Metal Door	Model # 2A Door	Quantity 1	Comment Hi-perf. Filler Wall.
Sample Size - Wt. 43.3 in x 89.3 in x 5-3/8" - 404 lbs		Sample Description MegaMet Industries Inc. OPERATIONAL PANEL :			Metal Door :
Time Stamp Thu, Jul 30, 2009 - 3:58 PM					

F (Hz)	TLs	95% CI	def
80	24	3.1	-
100	22	1.9	-
125	29	1.4	0
160	34	1.6	0
200	38	0.8	0
250	37	0.5	0
315	36	0.5	0
400	35	0.4	0
500	33	0.4	3
630	30	0.3	7
800	32	0.2	6
1000	35	0.2	4
1250	38	0.2	2
1600	41	0.3	0
2000	41	0.2	0
2500	38	0.1	2
3150	37	0.2	3
4000	37	0.3	3



STC = 36 def: 30
OITC: 33

Temp (°C) **22.3** R.H. (%) **55** ATM (mbar) **994**

Information and statements in this report are derived from material, information and/or specifications furnished by the client and exclude any expressed or implied warranties as to the fitness of the material tested or analyzed for any particular purpose or use. This report is the confidential property of our client and may not be used for advertising purposes. This report shall not be reproduced except in full, without written approval of this laboratory. The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal Statutes including Federal Law Title 18, Chapter 47

Materials Technology

PROJECT NUMBER: 30160-09-07053-G

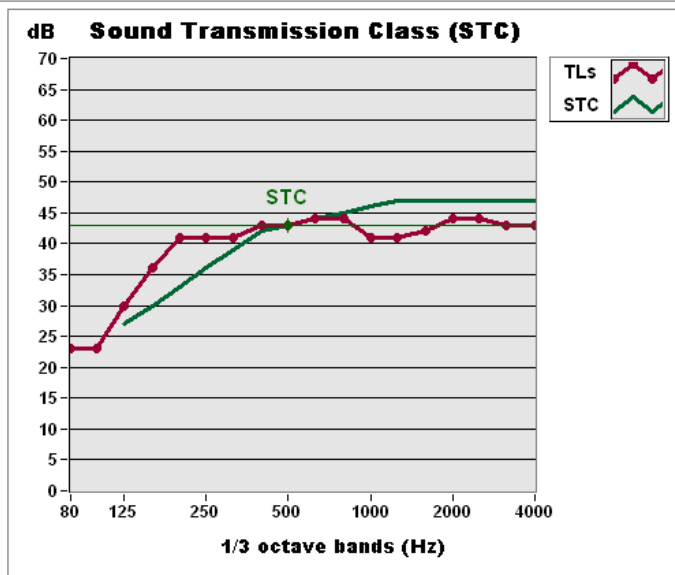
PAGE: 27 of 32

DATE: November 4, 2009

TEST RESULTS:

Filename test #19		ASTM E90 - Laboratory Sound Transmission Class			
Project Folder 07053 Mega	Client MegaMet Ind. Inc.	Product Metal Door	Model # 2A Door	Quantity 1	Comment Hi-perf. Filler Wall.
Sample Size - Wt. 43.3 in x 89.3 in x 5-3/8" - 404 lbs		Sample Description MegaMet Industries Inc. OPERATIONAL PANEL :			Metal Door :
Time Stamp Fri, Jul 31, 2009 - 8:09 AM					

F (Hz)	TLs	95% CI	def
80	23	3.1	-
100	23	1.9	-
125	30	1.4	0
160	36	1.6	0
200	41	0.8	0
250	41	0.5	0
315	41	0.5	0
400	43	0.4	0
500	43	0.4	0
630	44	0.3	0
800	44	0.2	1
1000	41	0.2	5
1250	41	0.2	6
1600	42	0.3	5
2000	44	0.2	3
2500	44	0.1	3
3150	43	0.2	4
4000	43	0.3	4



STC = 43 def: 31
OITC: 36

Temp (°C) **22.3** R.H. (%) **55** ATM (mbar) **994**

Information and statements in this report are derived from material, information and/or specifications furnished by the client and exclude any expressed or implied warranties as to the fitness of the material tested or analyzed for any particular purpose or use. This report is the confidential property of our client and may not be used for advertising purposes. This report shall not be reproduced except in full, without written approval of this laboratory. The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal Statutes including Federal Law Title 18, Chapter 47

Materials Technology

PROJECT NUMBER: 30160-09-07053-G

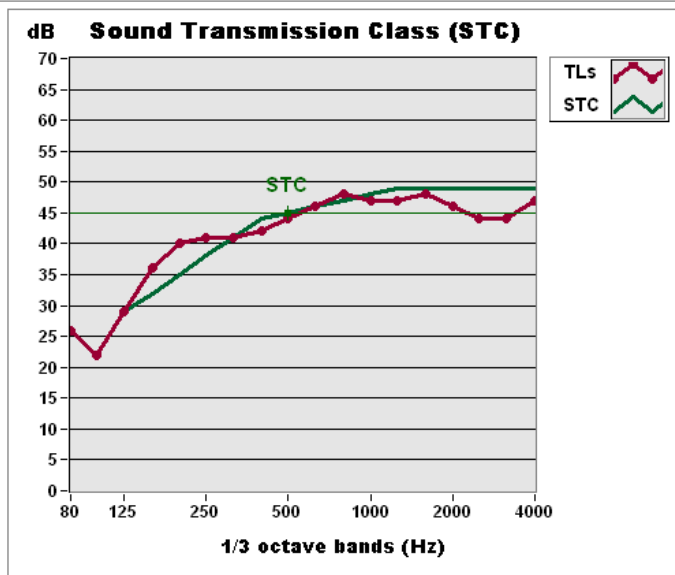
PAGE: 28 of 32

DATE: November 4, 2009

TEST RESULTS:

Filename test #20		ASTM E90 - Laboratory Sound Transmission Class			
Project Folder 07053 Mega	Client MegaMet Ind. Inc.	Product Metal Door	Model # 2A Door	Quantity 1	Comment Hi-perf. Filler Wall.
Sample Size - Wt. 43.3 in x 89.3 in x 5-3/8" - 404 lbs		Sample Description MegaMet Industries Inc. OPERATIONAL PANEL :			Metal Door :
Time Stamp Fri, Jul 31, 2009 - 9:06 AM					

F (Hz)	TLs	95% CI	def
80	26	3.1	-
100	22	1.9	-
125	29	1.4	0
160	36	1.6	0
200	40	0.8	0
250	41	0.5	0
315	41	0.5	0
400	42	0.4	2
500	44	0.4	1
630	46	0.3	0
800	48	0.2	0
1000	47	0.2	1
1250	47	0.2	2
1600	48	0.3	1
2000	46	0.2	3
2500	44	0.1	5
3150	44	0.2	5
4000	47	0.3	2



STC = 45 def: 22
OITC: 36

Temp (°C)	R.H. (%)	ATM (mbar)
22.3	55	994

Information and statements in this report are derived from material, information and/or specifications furnished by the client and exclude any expressed or implied warranties as to the fitness of the material tested or analyzed for any particular purpose or use. This report is the confidential property of our client and may not be used for advertising purposes. This report shall not be reproduced except in full, without written approval of this laboratory. The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal Statutes including Federal Law Title 18, Chapter 47

Materials Technology

PROJECT NUMBER: 30160-09-07053-G

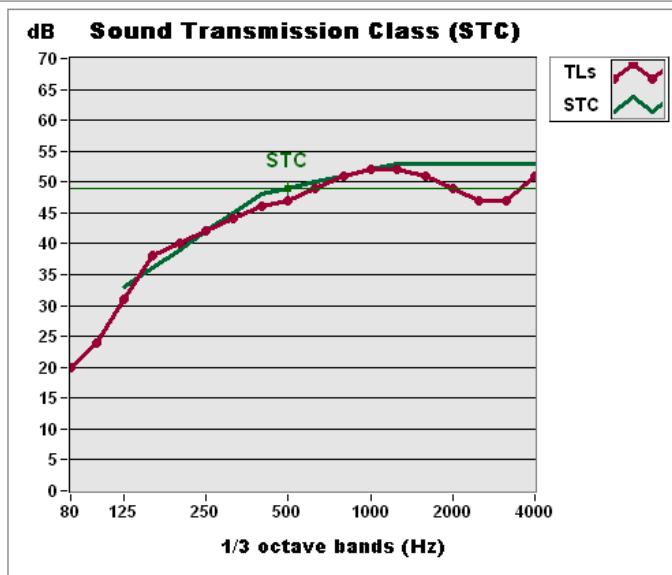
PAGE: 29 of 32

DATE: November 4, 2009

TEST RESULTS:

Filename test #20X		ASTM E90 - Laboratory Sound Transmission Class			
Project Folder 07053 Mega	Client MegaMet Ind. Inc.	Product Metal Door	Model # 2A Door	Quantity 1	Comment Hi-perf. Filler Wall.
Sample Size - Wt. 43.3 in x 89.3 in x 5-3/8" - 404 lbs		Sample Description MegaMet Industries Inc. sealed sill Metal Door : non OPERATIONAL PANEL :			
Time Stamp Fri, Jul 31, 2009 - 9:06 AM					

F (Hz)	TLs	95% CI	def
80	20	3.1	-
100	24	1.9	-
125	31	1.4	2
160	38	1.6	0
200	40	0.8	0
250	42	0.5	0
315	44	0.5	1
400	46	0.4	2
500	47	0.4	2
630	49	0.3	1
800	51	0.2	0
1000	52	0.2	0
1250	52	0.2	1
1600	51	0.3	2
2000	49	0.2	4
2500	47	0.1	6
3150	47	0.2	6
4000	51	0.3	2



STC = 49 def: 29
OITC: 36

Temp (°C)	R.H. (%)	ATM (mbar)
22.3	55	994

Information and statements in this report are derived from material, information and/or specifications furnished by the client and exclude any expressed or implied warranties as to the fitness of the material tested or analyzed for any particular purpose or use. This report is the confidential property of our client and may not be used for advertising purposes. This report shall not be reproduced except in full, without written approval of this laboratory. The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal Statutes including Federal Law Title 18, Chapter 47

Materials Technology

PROJECT NUMBER: 30160-09-07053-G

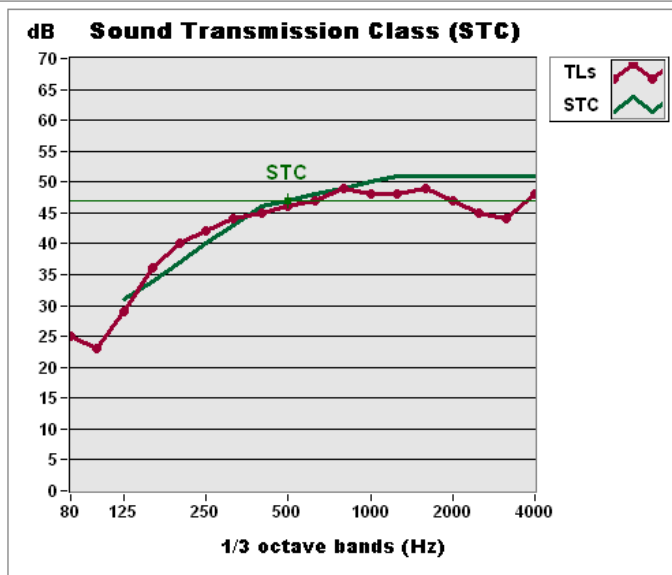
PAGE: 30 of 32

DATE: November 4, 2009

TEST RESULTS:

Filename test #21		ASTM E90 - Laboratory Sound Transmission Class			
Project Folder 07053 Mega	Client MegaMet Ind. Inc.	Product Metal Door	Model # 2A Door	Quantity 1	Comment Hi-perf. Filler Wall.
Sample Size - Wt. 43.3 in x 89.3 in x 5-3/8" - 404 lbs		Sample Description MegaMet Industries Inc. Metal Door : :			
Time Stamp Fri, Jul 31, 2009 - 9:26 AM					

F (Hz)	TLs	95% CI	def
80	25	3.1	-
100	23	1.9	-
125	29	1.4	2
160	36	1.6	0
200	40	0.8	0
250	42	0.5	0
315	44	0.5	0
400	45	0.4	1
500	46	0.4	1
630	47	0.3	1
800	49	0.2	0
1000	48	0.2	2
1250	48	0.2	3
1600	49	0.3	2
2000	47	0.2	4
2500	45	0.1	6
3150	44	0.2	7
4000	48	0.3	3



**STC = 47 def: 32
OITC: 37**

Temp (°C)	R.H. (%)	ATM (mbar)
22.3	55	994

Information and statements in this report are derived from material, information and/or specifications furnished by the client and exclude any expressed or implied warranties as to the fitness of the material tested or analyzed for any particular purpose or use. This report is the confidential property of our client and may not be used for advertising purposes. This report shall not be reproduced except in full, without written approval of this laboratory. The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal Statutes including Federal Law Title 18, Chapter 47

Materials Technology

PROJECT NUMBER: 30160-09-07053-G

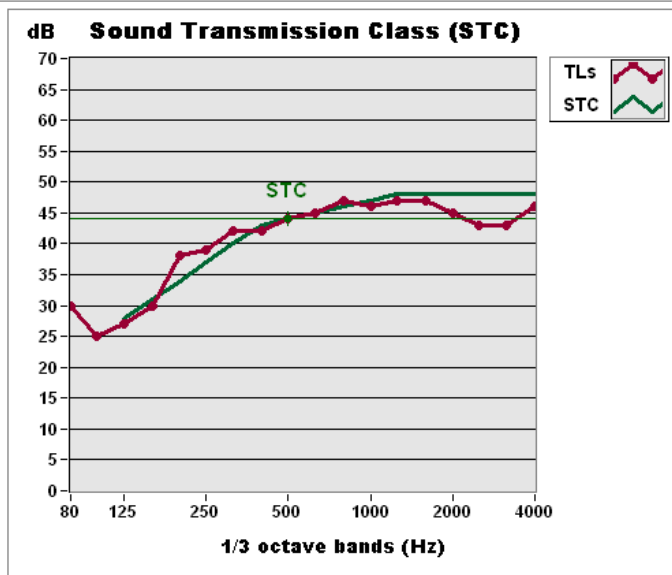
PAGE: 31 of 32

DATE: November 4, 2009

TEST RESULTS:

Filename test #22		ASTM E90 - Laboratory Sound Transmission Class			
Project Folder 07053 Mega	Client MegaMet Ind. Inc.	Product Metal Door	Model # 4A Door	Quantity 1	Comment Hi-perf. Filler Wall.
Sample Size - Wt. 43.3 in x 89.3 in x 5-3/8" - 421 lbs		Sample Description MegaMet Industries Inc. OPERATIONAL PANEL :			Metal Door :
Time Stamp Fri, Jul 31, 2009 - 10:40 AM					

F (Hz)	TLs	95% CI	def
80	30	3.1	-
100	25	1.9	-
125	27	1.4	1
160	30	1.6	1
200	38	0.8	0
250	39	0.5	0
315	42	0.5	0
400	42	0.4	1
500	44	0.4	0
630	45	0.3	0
800	47	0.2	0
1000	46	0.2	1
1250	47	0.2	1
1600	47	0.3	1
2000	45	0.2	3
2500	43	0.1	5
3150	43	0.2	5
4000	46	0.3	2



STC = 44 def: 21
OITC: 37

Temp (°C)	R.H. (%)	ATM (mbar)
22.3	55	994

Information and statements in this report are derived from material, information and/or specifications furnished by the client and exclude any expressed or implied warranties as to the fitness of the material tested or analyzed for any particular purpose or use. This report is the confidential property of our client and may not be used for advertising purposes. This report shall not be reproduced except in full, without written approval of this laboratory. The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal Statutes including Federal Law Title 18, Chapter 47

Materials Technology

PROJECT NUMBER: 30160-09-07053-G

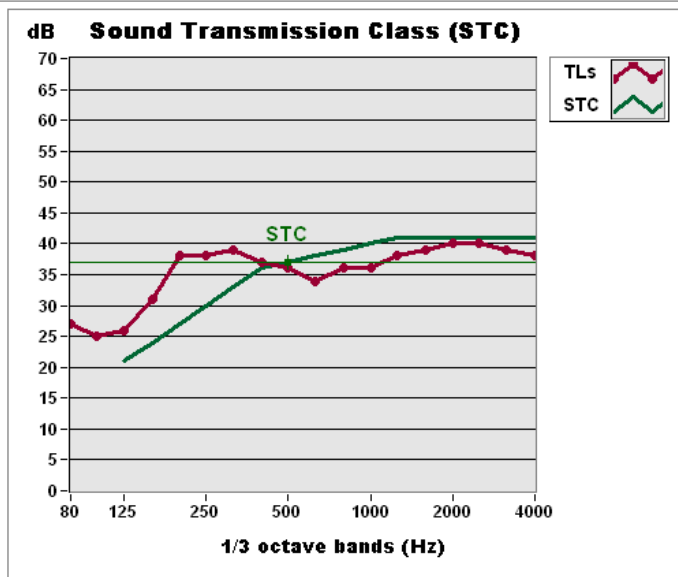
PAGE: 32 of 32

DATE: November 4, 2009

TEST RESULTS:

Filename test #23		ASTM E90 - Laboratory Sound Transmission Class			
Project Folder 07053 Mega	Client MegaMet Ind. Inc.	Product Metal Door	Model # 4A Door	Quantity 1	Comment Hi-perf. Filler Wall.
Sample Size - Wt. 43.3 in x 89.3 in x 5-3/8" - 421 lbs		Sample Description MegaMet Industries Inc. OPERATIONAL PANEL :			Metal Door :
Time Stamp Fri, Jul 31, 2009 - 10:56 AM					

F (Hz)	TLs	95% CI	def
80	27	3.1	-
100	25	1.9	-
125	26	1.4	0
160	31	1.6	0
200	38	0.8	0
250	38	0.5	0
315	39	0.5	0
400	37	0.4	0
500	36	0.4	1
630	34	0.3	4
800	36	0.2	3
1000	36	0.2	4
1250	38	0.2	3
1600	39	0.3	2
2000	40	0.2	1
2500	40	0.1	1
3150	39	0.2	2
4000	38	0.3	3



Temp (°C) **22.3** R.H. (%) **55** ATM (mbar) **994**

STC = 37 def: 24
OITC: 35

Information and statements in this report are derived from material, information and/or specifications furnished by the client and exclude any expressed or implied warranties as to the fitness of the material tested or analyzed for any particular purpose or use. This report is the confidential property of our client and may not be used for advertising purposes. This report shall not be reproduced except in full, without written approval of this laboratory. The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal Statutes including Federal Law Title 18, Chapter 47