

T - 702533

Printed: 6/8/2022

Title: Turf PD-MFR Acoustic Testing

Submitted: 05-10-22

Originator: Zachary A Bock

Purpose: GENERAL

Report Number:

Accounting Code: amf114

Status: Complete

Delivery Point: Acoustics (B9)

Expected Arrival: 04-29-22

Estimated Cost: \$6,536.10

Special Instructions: installation: all samples hung as shown in the photos below. vertical supports were spaced 21" from the NS edges and 24" from the EW edges. all baffles were installed 2.5" above the test surface. A test area of 96"x96" was used for all installations except those spaced 18" o.c., where 96"x108" was used.

Tests

1 NRC: A,D, and E mounts. (AL10a) - ACOUSTICS

Det: 1 TM 417 R.2

Status: Authorized

Disposition: HOLD_REVIEW

Est Comp Date:

Completed Date: 06-08-22

Assigned Operator: Zachary A Bock

Modifications: 12" OC spacing

Mounting: Other

2 NRC: A,D, and E mounts. (AL10a) - ACOUSTICS

Det: 1 TM 417 R.2

Status: Authorized

Disposition: HOLD_REVIEW

Est Comp Date:

Completed Date: 06-08-22

Assigned Operator: Zachary A Bock

Modifications: 18" OC spacing

Mounting: Other

3 NRC: A,D, and E mounts. (AL10a) - ACOUSTICS

Det: 1 TM 417 R.2

Status: Authorized

Disposition: HOLD_REVIEW

Est Comp Date:

Completed Date: 06-08-22

Assigned Operator: Zachary A Bock

Modifications: 24" OC spacing

Mounting: Other

4 NRC: A,D, and E mounts. (AL10a) - ACOUSTICS

Det: 1 TM 417 R.2

Status: Authorized

Disposition: HOLD_REVIEW

Est Comp Date:

Completed Date: 06-08-22

Assigned Operator: Zachary A Bock

Modifications: 6" OC spacing

Mounting: Other

5 Acoustic Thickness and PSF (AL5) - ACOUSTICS

Det: 1

Status: Authorized

Disposition:

Est Comp Date:

Completed Date: 06-08-22

Assigned Operator: Zachary A Bock

Modifications:

Materials

905837	4" Straight	TURF	FINISHED Product	Standard Production	(22,123)
None	NO SPECIFICATION			Shipped: 0	

Status: Complete

Edge:

Grid:

Thickness:

Tests: **1, 4, 5**

905838	6" Straight	TURF	FINISHED Product	Standard Production	(22,124)
None	NO SPECIFICATION			Shipped: 0	

Status: Complete

Edge:

Grid:

Thickness:

Tests: 1, 2, 3, 4, 5					
905839	7.5" Straight	TURF	FINISHED Product	Standard Production	(22,125)
None	NO SPECIFICATION			Shipped: 0	
Status: Complete					
Edge:		Grid:	Thickness:		
Tests: 1, 2, 3, 4, 5					
905840	9.375" Straight	TURF	FINISHED Product	Standard Production	(22,126)
None	NO SPECIFICATION			Shipped: 0	
Status: Complete					
Edge:		Grid:	Thickness:		
Tests: 1, 2, 3, 4, 5					
905841	12" Straight	TURF	FINISHED Product	Standard Production	(22,127)
None	NO SPECIFICATION			Shipped: 0	
Status: Complete					
Edge:		Grid:	Thickness:		
Tests: 1, 2, 3, 5					
905842	16" Straight	TURF	FINISHED Product	Standard Production	(22,128)
None	NO SPECIFICATION			Shipped: 0	
Status: Complete					
Edge:		Grid:	Thickness:		
Tests: 1, 2, 3, 5					
905843	24" Straight	TURF	FINISHED Product	Standard Production	(22,129)
None	NO SPECIFICATION			Shipped: 0	
Status: Complete					
Edge:		Grid:	Thickness:		
Tests: 1, 2, 3, 5					
905844	48" Straight	TURF	FINISHED Product	Standard Production	(22,130)
None	NO SPECIFICATION			Shipped: 0	
Status: Complete					
Edge:		Grid:	Thickness:		
Tests: 3, 5					
905845	4" Slab	TURF	FINISHED Product	Standard Production	(22,131)
None	NO SPECIFICATION			Shipped: 0	
Status: Complete					
Edge:		Grid:	Thickness:		
Tests: 1, 4, 5					
905846	4.625" Slab	TURF	FINISHED Product	Standard Production	(22,132)
None	NO SPECIFICATION			Shipped: 0	
Status: Complete					
Edge:		Grid:	Thickness:		
Tests: 1, 2, 3, 4, 5					
905847	5.625" Slab	TURF	FINISHED Product	Standard Production	(22,133)
None	NO SPECIFICATION			Shipped: 0	
Status: Complete					
Edge:		Grid:	Thickness:		
Tests: 1, 2, 3, 4, 5					
905848	8.68" Slab	TURF	FINISHED Product	Standard Production	(22,134)
None	NO SPECIFICATION			Shipped: 0	
Status: Complete					

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	Edge:	Grid:	Thickness:		
	Tests: 1, 2, 3, 4, 5				
905849	11.75" Slab	TURF	FINISHED Product	Standard Production	(22,135)
None	NO SPECIFICATION			Shipped: 0	
	Status: Complete				
	Edge:	Grid:	Thickness:		
	Tests: 1, 2, 3, 5				
905850	16" Slab	TURF	FINISHED Product	Standard Production	(22,136)
None	NO SPECIFICATION			Shipped: 0	
	Status: Complete				
	Edge:	Grid:	Thickness:		
	Tests: 1, 2, 3, 5				
905851	20" Slab	TURF	FINISHED Product	Standard Production	(22,137)
None	NO SPECIFICATION			Shipped: 0	
	Status: Complete				
	Edge:	Grid:	Thickness:		
	Tests: 1, 2, 3, 5				

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 6" OC spacing

Sample ID: 4" Straight

Lot: 905837

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 149141

Mounting: Other

Operator: ZABOCK

Test Date: 5/25/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.00
125	0.02
160	0.05
200	0.05
250	0.11
315	0.16
400	0.21
500	0.28
630	0.33
800	0.37
1000	0.43
1250	0.57
1600	0.71
2000	0.81
2500	0.92
3150	0.98
4000	1.01
5000	1.03
NRC:	0.40
SAA:	0.41
FFA:	0.409
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 16 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 12" OC spacing

Sample ID: 4" Straight

Lot: 905837

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 149159

Mounting: Other

Operator: ZABOCK

Test Date: 5/25/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.02
125	0.04
160	0.03
200	0.02
250	0.06
315	0.08
400	0.13
500	0.18
630	0.20
800	0.24
1000	0.28
1250	0.38
1600	0.51
2000	0.57
2500	0.60
3150	0.64
4000	0.67
5000	0.68
NRC:	0.25
SAA:	0.27
FFA:	0.273
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 8 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 6" OC spacing

Sample ID: 6" Straight

Lot: 905838

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 149131

Mounting: Other

Operator: ZABOCK

Test Date: 5/24/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.04
125	0.09
160	0.10
200	0.13
250	0.25
315	0.33
400	0.40
500	0.44
630	0.46
800	0.49
1000	0.59
1250	0.74
1600	0.86
2000	0.97
2500	1.07
3150	1.11
4000	1.15
5000	1.17
NRC:	0.55
SAA:	0.56
FFA:	0.564
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 16 baffles used

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 12" OC spacing

Sample ID: 6" Straight

Lot: 905838

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 149143

Mounting: Other

Operator: ZABOCK

Test Date: 5/24/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.07
125	0.09
160	0.07
200	0.10
250	0.16
315	0.24
400	0.30
500	0.33
630	0.32
800	0.35
1000	0.40
1250	0.52
1600	0.59
2000	0.70
2500	0.76
3150	0.79
4000	0.84
5000	0.84
NRC:	0.40
SAA:	0.40
FFA:	0.399
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 8 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 18" OC spacing

Sample ID: 6" Straight

Lot: 905838

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 149173

Mounting: Other

Operator: ZABOCK

Test Date: 5/24/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.03
125	0.06
160	0.05
200	0.09
250	0.12
315	0.18
400	0.22
500	0.21
630	0.25
800	0.26
1000	0.31
1250	0.38
1600	0.46
2000	0.52
2500	0.56
3150	0.58
4000	0.62
5000	0.64
NRC:	0.30
SAA:	0.30
FFA:	0.291
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 6 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 24" OC spacing

Sample ID: 6" Straight

Lot: 905838

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 149189

Mounting: Other

Operator: ZABOCK

Test Date: 5/24/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.00
125	0.01
160	0.03
200	0.07
250	0.10
315	0.14
400	0.15
500	0.19
630	0.21
800	0.23
1000	0.27
1250	0.31
1600	0.37
2000	0.42
2500	0.47
3150	0.47
4000	0.50
5000	0.50
NRC:	0.25
SAA:	0.24
FFA:	0.245
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 4 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 6" OC spacing

Sample ID: 7.5" Straight

Lot: 905839

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 147641

Mounting: Other

Operator: ZABOCK

Test Date: 06/07/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.07
125	0.12
160	0.16
200	0.23
250	0.33
315	0.39
400	0.45
500	0.46
630	0.48
800	0.57
1000	0.75
1250	0.86
1600	0.97
2000	1.09
2500	1.18
3150	1.22
4000	1.25
5000	1.25
NRC:	0.65
SAA:	0.65
FFA:	0.659
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 16 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 12" OC spacing

Sample ID: 7.5" Straight

Lot: 905839

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 147671

Mounting: Other

Operator: ZABOCK

Test Date: 06/07/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.04
125	0.07
160	0.12
200	0.18
250	0.25
315	0.29
400	0.35
500	0.38
630	0.35
800	0.39
1000	0.50
1250	0.63
1600	0.71
2000	0.80
2500	0.85
3150	0.87
4000	0.88
5000	0.91
NRC:	0.50
SAA:	0.47
FFA:	0.483
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 8 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 18" OC spacing

Sample ID: 7.5" Straight

Lot: 905839

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 147709

Mounting: Other

Operator: ZABOCK

Test Date: 06/07/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.02
125	0.05
160	0.08
200	0.13
250	0.19
315	0.24
400	0.25
500	0.25
630	0.28
800	0.31
1000	0.39
1250	0.45
1600	0.54
2000	0.60
2500	0.63
3150	0.65
4000	0.67
5000	0.69
NRC:	0.35
SAA:	0.35
FFA:	0.357
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 6 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 24" OC spacing

Sample ID: 7.5" Straight

Lot: 905839

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 147733

Mounting: Other

Operator: ZABOCK

Test Date: 06/07/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.05
125	0.05
160	0.07
200	0.11
250	0.18
315	0.18
400	0.21
500	0.24
630	0.23
800	0.26
1000	0.33
1250	0.37
1600	0.43
2000	0.49
2500	0.52
3150	0.53
4000	0.55
5000	0.55
NRC:	0.30
SAA:	0.30
FFA:	0.308
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 4 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 6" OC spacing

Sample ID: 9.375" Straight

Lot: 905840

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 147645

Mounting: Other

Operator: ZABOCK

Test Date: 06/07/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.10
125	0.19
160	0.24
200	0.30
250	0.44
315	0.52
400	0.55
500	0.55
630	0.57
800	0.72
1000	0.89
1250	0.95
1600	1.06
2000	1.18
2500	1.25
3150	1.30
4000	1.30
5000	1.32
NRC:	0.75
SAA:	0.75
FFA:	0.767
Label:	

*Definition of Unit: A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 16 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 12" OC spacing

Sample ID: 9.375" Straight

Lot: 905840

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 147673

Mounting: Other

Operator: ZABOCK

Test Date: 06/07/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.10
125	0.17
160	0.16
200	0.25
250	0.34
315	0.41
400	0.45
500	0.45
630	0.42
800	0.48
1000	0.60
1250	0.71
1600	0.81
2000	0.90
2500	0.94
3150	0.98
4000	0.98
5000	1.03
NRC:	0.55
SAA:	0.56
FFA:	0.573
Label:	

*Definition of Unit: A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 8 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 18" OC spacing

Sample ID: 9.375" Straight

Lot: 905840

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 147711

Mounting: Other

Operator: ZABOCK

Test Date: 06/07/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.05
125	0.10
160	0.15
200	0.21
250	0.29
315	0.34
400	0.34
500	0.32
630	0.35
800	0.40
1000	0.47
1250	0.53
1600	0.60
2000	0.67
2500	0.73
3150	0.76
4000	0.75
5000	0.78
NRC:	0.45
SAA:	0.44
FFA:	0.440
Label:	

*Definition of Unit: A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 6 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 24" OC spacing

Sample ID: 9.375" Straight

Lot: 905840

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 147735

Mounting: Other

Operator: ZABOCK

Test Date: 06/07/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.05
125	0.09
160	0.12
200	0.14
250	0.25
315	0.25
400	0.29
500	0.32
630	0.30
800	0.34
1000	0.40
1250	0.46
1600	0.50
2000	0.55
2500	0.61
3150	0.61
4000	0.62
5000	0.64
NRC:	0.40
SAA:	0.37
FFA:	0.381
Label:	

*Definition of Unit: A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 4 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 12" OC spacing

Sample ID: 12" Straight

Lot: 905841

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 149145

Mounting: Other

Operator: ZABOCK

Test Date: 5/25/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.11
125	0.24
160	0.26
200	0.31
250	0.44
315	0.48
400	0.50
500	0.48
630	0.56
800	0.63
1000	0.72
1250	0.85
1600	0.95
2000	1.04
2500	1.08
3150	1.14
4000	1.14
5000	1.16
NRC:	0.65
SAA:	0.67
FFA:	0.670
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 8 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 18" OC spacing

Sample ID: 12" Straight

Lot: 905841

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 149161

Mounting: Other

Operator: ZABOCK

Test Date: 5/25/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.08
125	0.18
160	0.21
200	0.25
250	0.37
315	0.41
400	0.38
500	0.37
630	0.43
800	0.51
1000	0.56
1250	0.66
1600	0.73
2000	0.80
2500	0.84
3150	0.88
4000	0.90
5000	0.90
NRC:	0.55
SAA:	0.53
FFA:	0.525
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 6 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 24" OC spacing

Sample ID: 12" Straight

Lot: 905841

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 149175

Mounting: Other

Operator: ZABOCK

Test Date: 5/25/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.12
125	0.15
160	0.16
200	0.22
250	0.33
315	0.34
400	0.33
500	0.34
630	0.37
800	0.43
1000	0.50
1250	0.54
1600	0.62
2000	0.67
2500	0.71
3150	0.73
4000	0.76
5000	0.77
NRC:	0.45
SAA:	0.45
FFA:	0.462
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 4 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 12" OC spacing

Sample ID: 16" Straight

Lot: 905842

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 149147

Mounting: Other

Operator: ZABOCK

Test Date: 5/25/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.24
125	0.39
160	0.38
200	0.44
250	0.51
315	0.54
400	0.59
500	0.67
630	0.75
800	0.78
1000	0.89
1250	0.99
1600	1.10
2000	1.23
2500	1.28
3150	1.32
4000	1.32
5000	1.32
NRC:	0.85
SAA:	0.81
FFA:	0.825
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 8 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 18" OC spacing

Sample ID: 16" Straight

Lot: 905842

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 149163

Mounting: Other

Operator: ZABOCK

Test Date: 5/25/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.15
125	0.28
160	0.33
200	0.37
250	0.46
315	0.47
400	0.46
500	0.47
630	0.56
800	0.65
1000	0.73
1250	0.79
1600	0.89
2000	0.98
2500	1.02
3150	1.07
4000	1.07
5000	1.08
NRC:	0.65
SAA:	0.65
FFA:	0.659
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 6 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 24" OC spacing

Sample ID: 16" Straight

Lot: 905842

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 149177

Mounting: Other

Operator: ZABOCK

Test Date: 5/25/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.15
125	0.29
160	0.29
200	0.33
250	0.40
315	0.39
400	0.41
500	0.45
630	0.51
800	0.55
1000	0.61
1250	0.67
1600	0.75
2000	0.82
2500	0.85
3150	0.91
4000	0.91
5000	0.92
NRC:	0.55
SAA:	0.56
FFA:	0.568
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 4 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 12" OC spacing

Sample ID: 24" Straight

Lot: 905843

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 149149

Mounting: Other

Operator: ZABOCK

Test Date: 5/23/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.36
125	0.51
160	0.46
200	0.54
250	0.63
315	0.74
400	0.88
500	0.98
630	1.00
800	1.02
1000	1.18
1250	1.31
1600	1.45
2000	1.60
2500	1.66
3150	1.69
4000	1.69
5000	1.68
NRC:	1.10
SAA:	1.08
FFA:	1.097
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 8 baffles used

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 18" OC spacing

Sample ID: 24" Straight

Lot: 905843

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 149165

Mounting: Other

Operator: ZABOCK

Test Date: 5/23/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.28
125	0.47
160	0.36
200	0.43
250	0.53
315	0.59
400	0.70
500	0.70
630	0.79
800	0.86
1000	0.97
1250	1.07
1600	1.18
2000	1.31
2500	1.36
3150	1.39
4000	1.39
5000	1.39
NRC:	0.90
SAA:	0.87
FFA:	0.877
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 6 baffles used

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 24" OC spacing

Sample ID: 24" Straight

Lot: 905843

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 149179

Mounting: Other

Operator: ZABOCK

Test Date: 5/20/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.31
125	0.43
160	0.45
200	0.42
250	0.50
315	0.52
400	0.58
500	0.65
630	0.71
800	0.77
1000	0.84
1250	0.92
1600	1.03
2000	1.10
2500	1.16
3150	1.21
4000	1.22
5000	1.24
NRC:	0.75
SAA:	0.77
FFA:	0.772
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 4 blades used

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 24" OC spacing

Sample ID: 48" Straight

Lot: 905844

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 149181

Mounting: Other

Operator: ZABOCK

Test Date: 5/24/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.49
125	0.59
160	0.54
200	0.71
250	0.93
315	0.99
400	1.04
500	1.15
630	1.22
800	1.33
1000	1.47
1250	1.57
1600	1.73
2000	1.88
2500	1.99
3150	2.00
4000	2.03
5000	2.08
NRC:	1.35
SAA:	1.33
FFA:	1.356
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 4 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 6" OC spacing

Sample ID: 4" Slab

Lot: 905845

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 149133

Mounting: Other

Operator: ZABOCK

Test Date: 5/31/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.07
125	0.08
160	0.16
200	0.19
250	0.32
315	0.43
400	0.62
500	0.73
630	0.78
800	0.83
1000	0.91
1250	1.07
1600	1.06
2000	1.11
2500	1.19
3150	1.24
4000	1.27
5000	1.24
NRC:	0.75
SAA:	0.77
FFA:	0.769
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 16 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 12" OC spacing

Sample ID: 4" Slab

Lot: 905845

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 149151

Mounting: Other

Operator: ZABOCK

Test Date: 5/31/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.06
125	0.04
160	0.10
200	0.12
250	0.19
315	0.25
400	0.37
500	0.46
630	0.48
800	0.53
1000	0.62
1250	0.77
1600	0.80
2000	0.83
2500	0.87
3150	0.92
4000	0.94
5000	0.92
NRC:	0.50
SAA:	0.52
FFA:	0.523
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 8 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 6" OC spacing

Sample ID: 4.625" Slab

Lot: 905846

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 149135

Mounting: Other

Operator: ZABOCK

Test Date: 5/31/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.09
125	0.11
160	0.15
200	0.25
250	0.40
315	0.57
400	0.69
500	0.79
630	0.83
800	0.83
1000	0.94
1250	1.12
1600	1.15
2000	1.18
2500	1.23
3150	1.25
4000	1.26
5000	1.26
NRC:	0.85
SAA:	0.83
FFA:	0.827
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 16 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 12" OC spacing

Sample ID: 4.625" Slab

Lot: 905846

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 149153

Mounting: Other

Operator: ZABOCK

Test Date: 5/31/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.05
125	0.09
160	0.08
200	0.14
250	0.24
315	0.33
400	0.43
500	0.51
630	0.55
800	0.57
1000	0.62
1250	0.79
1600	0.86
2000	0.90
2500	0.92
3150	0.94
4000	0.94
5000	0.96
NRC:	0.55
SAA:	0.57
FFA:	0.567
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 8 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 18" OC spacing

Sample ID: 4.625" Slab

Lot: 905846

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 149167

Mounting: Other

Operator: ZABOCK

Test Date: 5/31/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.05
125	0.05
160	0.05
200	0.09
250	0.17
315	0.25
400	0.30
500	0.35
630	0.40
800	0.43
1000	0.49
1250	0.59
1600	0.63
2000	0.69
2500	0.70
3150	0.73
4000	0.74
5000	0.75
NRC:	0.40
SAA:	0.42
FFA:	0.424
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 6 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 24" OC spacing

Sample ID: 4.625" Slab

Lot: 905846

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 149183

Mounting: Other

Operator: ZABOCK

Test Date: 5/31/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.06
125	0.06
160	0.04
200	0.07
250	0.15
315	0.19
400	0.26
500	0.31
630	0.34
800	0.37
1000	0.41
1250	0.49
1600	0.53
2000	0.56
2500	0.57
3150	0.58
4000	0.61
5000	0.62
NRC:	0.35
SAA:	0.35
FFA:	0.358
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 4 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 6" OC spacing

Sample ID: 5.625" Slab

Lot: 905847

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 149137

Mounting: Other

Operator: ZABOCK

Test Date: 5/26/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.09
125	0.15
160	0.22
200	0.31
250	0.51
315	0.64
400	0.79
500	0.81
630	0.81
800	0.85
1000	1.03
1250	1.18
1600	1.19
2000	1.27
2500	1.26
3150	1.32
4000	1.31
5000	1.30
NRC:	0.90
SAA:	0.89
FFA:	0.905
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 16 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 12" OC spacing

Sample ID: 5.625" Slab

Lot: 905847

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 149155

Mounting: Other

Operator: ZABOCK

Test Date: 5/26/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.07
125	0.08
160	0.13
200	0.18
250	0.31
315	0.40
400	0.53
500	0.55
630	0.54
800	0.57
1000	0.70
1250	0.90
1600	0.94
2000	1.00
2500	0.97
3150	1.00
4000	1.02
5000	1.00
NRC:	0.65
SAA:	0.63
FFA:	0.642
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments:

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 18" OC spacing

Sample ID: 5.625" Slab

Lot: 905847

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 149169

Mounting: Other

Operator: ZABOCK

Test Date: 5/26/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.04
125	0.05
160	0.09
200	0.14
250	0.25
315	0.30
400	0.37
500	0.41
630	0.43
800	0.44
1000	0.54
1250	0.66
1600	0.71
2000	0.75
2500	0.75
3150	0.78
4000	0.79
5000	0.77
NRC:	0.50
SAA:	0.48
FFA:	0.487
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 6 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 24" OC spacing

Sample ID: 5.625" Slab

Lot: 905847

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 149185

Mounting: Other

Operator: ZABOCK

Test Date: 5/26/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.05
125	0.05
160	0.07
200	0.11
250	0.20
315	0.23
400	0.29
500	0.35
630	0.36
800	0.39
1000	0.46
1250	0.55
1600	0.58
2000	0.61
2500	0.63
3150	0.64
4000	0.65
5000	0.62
NRC:	0.40
SAA:	0.40
FFA:	0.405
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 4 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 6" OC spacing

Sample ID: 8.68" Slab

Lot: 905848

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 149139

Mounting: Other

Operator: ZABOCK

Test Date: 5/26/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.14
125	0.27
160	0.46
200	0.50
250	0.70
315	0.81
400	0.85
500	0.81
630	0.90
800	1.12
1000	1.25
1250	1.38
1600	1.42
2000	1.44
2500	1.44
3150	1.45
4000	1.46
5000	1.44
NRC:	1.05
SAA:	1.05
FFA:	1.050
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 16 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 12" OC spacing

Sample ID: 8.68" Slab

Lot: 905848

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 149157

Mounting: Other

Operator: ZABOCK

Test Date: 5/26/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.11
125	0.18
160	0.27
200	0.34
250	0.51
315	0.57
400	0.62
500	0.59
630	0.62
800	0.77
1000	0.96
1250	1.10
1600	1.18
2000	1.20
2500	1.21
3150	1.21
4000	1.20
5000	1.20
NRC:	0.80
SAA:	0.80
FFA:	0.815
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 8 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 18" OC spacing

Sample ID: 8.68" Slab

Lot: 905848

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 149171

Mounting: Other

Operator: ZABOCK

Test Date: 5/26/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.10
125	0.12
160	0.21
200	0.26
250	0.38
315	0.45
400	0.46
500	0.45
630	0.49
800	0.63
1000	0.78
1250	0.88
1600	0.93
2000	0.96
2500	0.97
3150	0.98
4000	0.97
5000	0.98
NRC:	0.65
SAA:	0.64
FFA:	0.643
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 6 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 24" OC spacing

Sample ID: 8.68" Slab

Lot: 905848

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 149187

Mounting: Other

Operator: ZABOCK

Test Date: 5/26/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.09
125	0.09
160	0.17
200	0.22
250	0.32
315	0.35
400	0.41
500	0.41
630	0.42
800	0.52
1000	0.64
1250	0.72
1600	0.78
2000	0.82
2500	0.81
3150	0.83
4000	0.84
5000	0.81
NRC:	0.55
SAA:	0.53
FFA:	0.548
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 4 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 12" OC spacing

Sample ID: 11.75" Slab

Lot: 905849

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 147695

Mounting: Other

Operator: ZABOCK

Test Date: 06/07/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.17
125	0.28
160	0.37
200	0.49
250	0.62
315	0.65
400	0.66
500	0.65
630	0.81
800	0.98
1000	1.08
1250	1.24
1600	1.31
2000	1.35
2500	1.35
3150	1.34
4000	1.32
5000	1.32
NRC:	0.95
SAA:	0.93
FFA:	0.928
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 8 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 18" OC spacing

Sample ID: 11.75" Slab

Lot: 905849

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 147725

Mounting: Other

Operator: ZABOCK

Test Date: 06/07/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.11
125	0.22
160	0.32
200	0.40
250	0.49
315	0.52
400	0.51
500	0.52
630	0.61
800	0.78
1000	0.88
1250	1.02
1600	1.07
2000	1.11
2500	1.11
3150	1.10
4000	1.08
5000	1.10
NRC:	0.75
SAA:	0.75
FFA:	0.751
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 6 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 24" OC spacing

Sample ID: 11.75" Slab

Lot: 905849

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 147753

Mounting: Other

Operator: ZABOCK

Test Date: 06/07/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.08
125	0.20
160	0.27
200	0.35
250	0.44
315	0.44
400	0.46
500	0.47
630	0.56
800	0.69
1000	0.76
1250	0.86
1600	0.92
2000	0.94
2500	0.95
3150	0.93
4000	0.93
5000	0.95
NRC:	0.65
SAA:	0.65
FFA:	0.650
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 4 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 12" OC spacing

Sample ID: 16" Slab

Lot: 905850

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 147699

Mounting: Other

Operator: ZABOCK

Test Date: 06/07/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.31
125	0.46
160	0.48
200	0.59
250	0.67
315	0.68
400	0.73
500	0.88
630	1.05
800	1.12
1000	1.27
1250	1.43
1600	1.51
2000	1.55
2500	1.54
3150	1.52
4000	1.52
5000	1.52
NRC:	1.10
SAA:	1.08
FFA:	1.092
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 8 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 18" OC spacing

Sample ID: 16" Slab

Lot: 905850

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 147727

Mounting: Other

Operator: ZABOCK

Test Date: 06/07/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.22
125	0.36
160	0.44
200	0.48
250	0.56
315	0.56
400	0.58
500	0.69
630	0.86
800	0.94
1000	1.09
1250	1.20
1600	1.29
2000	1.30
2500	1.30
3150	1.28
4000	1.28
5000	1.26
NRC:	0.90
SAA:	0.90
FFA:	0.911
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 6 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 24" OC spacing

Sample ID: 16" Slab

Lot: 905850

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 147755

Mounting: Other

Operator: ZABOCK

Test Date: 06/07/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.16
125	0.31
160	0.36
200	0.47
250	0.49
315	0.50
400	0.51
500	0.61
630	0.76
800	0.82
1000	0.95
1250	1.06
1600	1.11
2000	1.15
2500	1.14
3150	1.13
4000	1.11
5000	1.09
NRC:	0.80
SAA:	0.80
FFA:	0.799
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 4 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 12" OC spacing

Sample ID: 20" Slab

Lot: 905851

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 147703

Mounting: Other

Operator: ZABOCK

Test Date: 06/07/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.36
125	0.53
160	0.52
200	0.60
250	0.68
315	0.75
400	0.94
500	1.11
630	1.19
800	1.34
1000	1.48
1250	1.61
1600	1.72
2000	1.78
2500	1.76
3150	1.74
4000	1.71
5000	1.73
NRC:	1.25
SAA:	1.25
FFA:	1.260
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 8 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 18" OC spacing

Sample ID: 20" Slab

Lot: 905851

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 147729

Mounting: Other

Operator: ZABOCK

Test Date: 06/07/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.32
125	0.39
160	0.45
200	0.50
250	0.58
315	0.60
400	0.76
500	0.86
630	0.97
800	1.12
1000	1.26
1250	1.38
1600	1.46
2000	1.48
2500	1.49
3150	1.47
4000	1.47
5000	1.44
NRC:	1.05
SAA:	1.04
FFA:	1.045
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 6 baffles

NRC - Reverberation Room Sound Absorption - AL10 (TM417)

Modification: 24" OC spacing

Sample ID: 20" Slab

Lot: 905851

Determination:

Item: None**Plant:****Pattern:** NO SPECIFICATION

Description:

Size:

Edge Detail:

Produced:

Grid:

A Number: 147757

Mounting: Other

Operator: ZABOCK

Test Date: 06/07/2022

<u>Frequency</u>	<u>Alpha</u>
100	0.26
125	0.45
160	0.45
200	0.48
250	0.52
315	0.53
400	0.65
500	0.79
630	0.89
800	0.99
1000	1.11
1250	1.23
1600	1.32
2000	1.33
2500	1.33
3150	1.29
4000	1.30
5000	1.31
NRC:	0.95
SAA:	0.93
FFA:	0.937
Label:	

*Definition of Unit:A unit is defined as a section of the total specimen that is bounded by free space .

Comments: 4 baffles

Memo Report: T-702533

Acoustic Thickness and PSF (AL5)

Sample ID: 4" Straight
Lot Number: 905837

	Gauge (inches)	PSF (lb/sqft)
1	0.438	0.67

Sample ID: 6" Straight
Lot Number: 905838

	Gauge (inches)	PSF (lb/sqft)
1	0.375	0.58

Sample ID: 7.5" Straight
Lot Number: 905839

	Gauge (inches)	PSF (lb/sqft)
1	0.375	0.52

Sample ID: 9.375" Straight
Lot Number: 905840

	Gauge (inches)	PSF (lb/sqft)
1	0.403	0.49

Sample ID: 12" Straight
Lot Number: 905841

Memo Report: T-702533

	Gauge (inches)	PSF (lb/sqft)
1	0.376	0.51

Sample ID: 16" Straight
Lot Number: 905842

	Gauge (inches)	PSF (lb/sqft)
1	0.406	0.48

Sample ID: 24" Straight
Lot Number: 905843

	Gauge (inches)	PSF (lb/sqft)
1	0.375	0.47

Sample ID: 48" Straight
Lot Number: 905844

	Gauge (inches)	PSF (lb/sqft)
1	0.375	0.42

Sample ID: 4" Slab
Lot Number: 905845

	Gauge (inches)	PSF (lb/sqft)
1	2.375	1.14

Sample ID: 4.625" Slab
Lot Number: 905846

Memo Report: T-702533

	Gauge (inches)	PSF (lb/sqft)
1	2.375	1.10

Sample ID: 5.625" Slab
Lot Number: 905847

	Gauge (inches)	PSF (lb/sqft)
1	2.375	1.09

Sample ID: 8.68" Slab
Lot Number: 905848

	Gauge (inches)	PSF (lb/sqft)
1	2.375	0.95

Sample ID: 11.75" Slab
Lot Number: 905849

	Gauge (inches)	PSF (lb/sqft)
1	2.250	0.93

Sample ID: 16" Slab
Lot Number: 905850

	Gauge (inches)	PSF (lb/sqft)
1	2.313	0.88

Sample ID: 20" Slab
Lot Number: 905851

Memo Report: T-702533

	Gauge (inches)	PSF (lb/sqft)
1	2.250	0.85



4 Baffles at 24" OC spacing



6 Baffles at 18" OC spacing



8 Baffles at 12" OC spacing



16 Baffles at 6" OC spacing