

# MODERN MILL, INC FLORIDA BUILDING CODE TEST REPORT

**SCOPE OF WORK**

TAS 202 AND TAS 203 TESTING ON 1 X 6 ACRE, SHIPLAP SIDING

**REPORT NUMBER**

Q0770.01-109-18

**TEST DATES**

08/03/23 - 10/11/23

**ISSUE DATE**

01/18/24

**RECORD RETENTION END DATE**

10/11/33

**MIAMI-DADE COUNTY NOTIFICATION NO.**

ATI-23017

**LABORATORY CERTIFICATION NO.**

22-0428.14

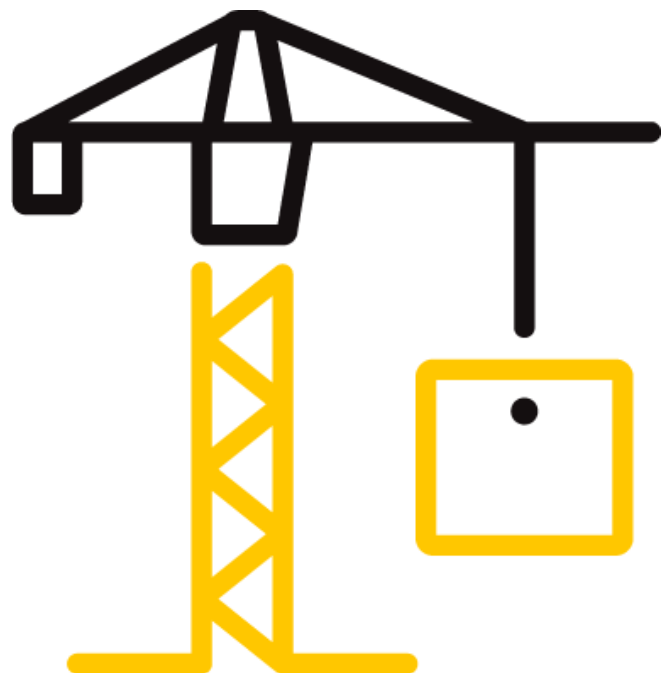
**PAGES**

24

**DOCUMENT CONTROL NUMBER**

RT-R-AMER-Test-2816 (07/12/22)

© 2017 INTERTEK



## TEST REPORT FOR MODERN MILL, INC

Report No.: Q0770.01-109-18

Date: 01/18/24

### REPORT ISSUED TO

#### MODERN MILL, INC

1140 Frank Oakes Rd

McComb, Mississippi 39648

### SECTION 1

#### SCOPE

Architectural Testing, Inc. (an Intertek company) dba Intertek Building & Construction (B&C) was contracted by Modern Mill, Inc to perform TAS 202 and TAS 203 testing in accordance with Florida Building Code for High Velocity Hurricane Zone requirements on their 1 x 6 ACRE, shiplap siding. Results obtained are tested values and were secured by using the designated test method(s). Testing was conducted at the Intertek B&C test facility in York, Pennsylvania.

This report does not constitute certification of this product nor an opinion or endorsement by this laboratory. Intertek B&C will service this report for the entire test record retention period. The test record retention period ends ten years after the test date. Test records, such as detailed drawings, datasheets, representative samples of test specimens, or other pertinent project documentation, will be retained for the entire test record retention period.

Unless differently required, Intertek reports apply the "Simple Acceptance" rule, also called "Shared Risk Approach," of ILAC-G8:09/2019, Guidelines on Decision Rules and Statements of Conformity.

For INTERTEK B&C:

<b>COMPLETED BY:</b>	Jason R. Zeller
<b>TITLE:</b>	Technician - Product Testing
<b>SIGNATURE:</b>	
<b>DATE:</b>	01/18/24

<b>REVIEWED BY:</b>	Tanya A Dolby, P.E.
<b>TITLE:</b>	Manager - Engineering Services
<b>SIGNATURE:</b>	
<b>DATE:</b>	01/18/24

JRZ:aas/mas

This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample(s) tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

## TEST REPORT FOR MODERN MILL, INC

Report No.: Q0770.01-109-18

Date: 01/18/24

### SECTION 2

#### SUMMARY OF TEST RESULTS

The specimens tested met the performance requirements set forth in the protocols.

**Product Type:** Shiplap Siding

**Series/Model:** 1 x 6 ACRE

SPEC.	TEST PROTOCOL	DESIGN PRESSURE
1-3	TAS 202	-150.0 psf
4-6	TAS 203	-150.0 psf
7-9	TAS 202	-130.0 psf
10-12	TAS 203	-130.0 psf

### SECTION 3

#### TEST METHODS

The specimens were evaluated in accordance with the following:

**TAS 202-94**, *Criteria for Testing Impact & Non Impact Resistant Building Envelope Components Using Uniform Static Air Pressure*

**TAS 203-94**, *Criteria for Testing Products Subject to Cyclic Wind Pressure Loading*

### SECTION 4

#### MATERIAL SOURCE/INSTALLATION

Test specimens were provided by the client. Representative samples of the test specimen(s) will be retained by Intertek B&C for a minimum of ten years from the test completion date.

Test specimens were installed onto a Spruce-Pine-Fir wood test wall. Installation of the tested product was performed by Intertek B&C.

### SECTION 5

#### EQUIPMENT

**Weather Station:** 63316

**Tape Measure Verification:** 63788

**Blower:** 004869

**Cycling Mechanism:** Computer controlled centrifugal blower with electronic pressure measuring device - 005644, 005406

**Deflection Measuring Device:** Linear transducers - 62185, INT03251, 64367, 003439, INT03252, Y003056, INT03249, INT03248, 64306, 64460, 64368, 62187, Y003060, INT03250, 62189, 64325, 64367, 64280

## TEST REPORT FOR MODERN MILL, INC

Report No.: Q0770.01-109-18

Date: 01/18/24

### SECTION 6

#### LIST OF OFFICIAL OBSERVERS

NAME	COMPANY
Ken R. Stough	Intertek B&C
Tanya A. Dolby, P.E.	Intertek B&C
Jason R. Zeller	Intertek B&C

### SECTION 7

#### TEST SPECIMEN DESCRIPTION

**Product Type:** Shiplap Siding

**Series/Model:** 1 x 6 ACRE

**Product Size(s):** Test Specimens #1 - #3 (Horizontal Installation)

OVERALL AREA:	WIDTH		HEIGHT	
	millimeters	inches	millimeters	inches
1.7 m <sup>2</sup> (18.6 ft <sup>2</sup> )				
Overall size	2432	95-3/4	711	28
Panel size (6)	2432	95-3/4	140	5-1/2

**Product Size(s):** Test Specimens #4 - #6 (Horizontal Installation)

OVERALL AREA:	WIDTH		HEIGHT	
	millimeters	inches	millimeters	inches
1.5 m <sup>2</sup> (15.7 ft <sup>2</sup> )				
Overall size	2432	95-3/4	600	23-5/8
Panel size (5)	2432	95-3/4	140	5-1/2

**Product Size(s):** Test Specimens #7 - #12 (Vertical Installation)

OVERALL AREA:	WIDTH		HEIGHT	
	millimeters	inches	millimeters	inches
1.5 m <sup>2</sup> (15.7 ft <sup>2</sup> )				
Overall size	597	23-1/2	2438	96
Panel size (5)	140	5-1/2	2438	96

## TEST REPORT FOR MODERN MILL, INC

Report No.: Q0770.01-109-18

Date: 01/18/24

### **Test Wall Description:** Test Specimens #1- #6 (Horizontal Installation)

The specimen was installed onto a test wall measuring 8' 0" wide by 9' 2" high constructed of #2 Spruce-Pine Fir nominal 2x4 lumber. Five studs were spaced 16" on center (six spans) and were attached to the top and bottom plates with 3" long drywall screws. A sheet of nominal 5/8" thick 5-ply plywood, with six 4" diameter holes to allow pressure to transfer to the siding, was secured to the studs with #8 x 1-5/8" drywall screws. The stud to plate connection was reinforced with 3" wide by 1-1/2" high by 4-3/4" long by 5/16" thick aluminum angles secured with #8 x 1-5/8" drywall screws. Silicone was utilized on the backside of the test panel to seal the perimeter. A 2-mil thick plastic film was loosely draped over the interior of the siding to enable attainment of pressure.

The siding was mounted with 2-1/2" x 0.099 ring shank siding nails, spaced 16" on center, through the nail hem, sheathing and into the studs.

### **Test Specimen Description:** Test Specimens #1 - #3 (Horizontal Installation)

Each specimen consisted of six horizontal courses of siding with a female interlock on the bottom and a male interlock on the top. Each course consisted of a panel that was 3/4" thick and composed of compressed rice husk.

### **Test Specimen Description:** Test Specimens #4 - #6 (Horizontal Installation)

Each specimen consisted of five horizontal courses of siding with a female interlock on the bottom and a male interlock on the top. Each course consisted of a panel that was 3/4" thick and composed of compressed rice husk.

### **Test Wall Description:** Test Specimens #7- #12 (Vertical Installation)

The specimen was installed onto a test wall measuring 9' 2" wide by 8' 0" high constructed of #2 Spruce-Pine Fir nominal 2x4 lumber. Eight studs were spaced 16" on center (nine spans) and were attached to the top and bottom plates with 3" long drywall screws. A sheet of nominal 5/8" thick 5-ply plywood, with six 4" diameter holes to allow pressure to transfer to the siding, was secured to the studs with #8 x 1-5/8" drywall screws. The stud to plate connection was reinforced with 3" wide by 1-1/2" high by 4-3/4" long by 5/16" thick aluminum angles secured with #8 x 1-5/8" drywall screws. Silicone was utilized on the backside of the test panel to seal the perimeter. A 2-mil thick plastic film was loosely draped over the interior of the siding to enable attainment of pressure.

The siding was mounted with 2-1/2" x 0.099 ring shank siding nails, spaced 12" on center, through the nail hem, and face of the siding into the sheathing.

### **Test Specimen Description:** Test Specimens #7 - #12 (Vertical Installation)

Each specimen consisted of five vertical courses of siding with a female interlock on the left side and a male interlock on the right side. Each course consisted of a panel that was 3/4" thick and composed of compressed rice husk.

**TEST REPORT FOR MODERN MILL, INC**

Report No.: Q0770.01-109-18

Date: 01/18/24

**SECTION 8**

**TEST RESULTS**

**Protocol TAS 202-94, Static Air Pressure**

**Test Date(s):** 08/03/23 - 08/04/23

The temperature range during testing was 23° - 26°C (74° - 79°F). The results are tabulated as follows:

**Test Specimen #1: Preload and Design Load per TAS 202**

INDICATOR LOCATION	DEFLECTION AT -112.50 psf	DEFLECTION (in.)		PERMANENT SET AT -112.50 psf	PERMANENT SET (in.)	
		MEASURED	ALLOWED		MEASURED	ALLOWED
1	0.82	0.06	N/A	0.14	0.01	N/A
2	0.94			0.15		
3	0.95			0.15		
INDICATOR LOCATION	DEFLECTION AT -150.00 psf	DEFLECTION (in.)		PERMANENT SET AT -150.00 psf	PERMANENT SET (in.)	
		MEASURED	ALLOWED		MEASURED	ALLOWED
1	1.10	0.07	0.09	0.16	0.01	N/A
2	1.26			0.17		
3	1.28			0.17		

**Test Specimen #1: Structural Overload Load per TAS 202**

INDICATOR LOCATION	DEFLECTION AT -225.00 psf	DEFLECTION (in.)		PERMANENT SET AT -225.00 psf	PERMANENT SET (in.)	
		MEASURED	ALLOWED		MEASURED	ALLOWED
1	2.22	0.10	N/A	0.39	0.01	0.06
2	2.47			0.43		
3	2.53			0.45		

**TEST REPORT FOR MODERN MILL, INC**

Report No.: Q0770.01-109-18

Date: 01/18/24

**Test Specimen #2: Preload and Design Load per TAS 202**

INDICATOR LOCATION	DEFLECTION AT -112.50 psf	DEFLECTION (in.)		PERMANENT SET AT -112.50 psf	PERMANENT SET (in.)	
		MEASURED	ALLOWED		MEASURED	ALLOWED
1	0.93	0.06	N/A	0.13	0.01	N/A
2	1.07			0.15		
3	1.10			0.16		
INDICATOR LOCATION	DEFLECTION AT -150.00 psf	DEFLECTION (in.)		PERMANENT SET AT -150.00 psf	PERMANENT SET (in.)	
		MEASURED	ALLOWED		MEASURED	ALLOWED
1	1.28	0.07	0.09	0.14	0.01	N/A
2	1.45			0.16		
3	1.48			0.17		

**Test Specimen #2: Structural Overload Load per TAS 202**

INDICATOR LOCATION	DEFLECTION AT -225.00 psf	DEFLECTION (in.)		PERMANENT SET AT -225.00 psf	PERMANENT SET (in.)	
		MEASURED	ALLOWED		MEASURED	ALLOWED
1	2.28	0.10	N/A	0.27	0.01	0.06
2	2.54			0.30		
3	2.60			0.31		

**Test Specimen #3: Preload and Design Load per TAS 202**

INDICATOR LOCATION	DEFLECTION AT -112.50 psf	DEFLECTION (in.)		PERMANENT SET AT -112.50 psf	PERMANENT SET (in.)	
		MEASURED	ALLOWED		MEASURED	ALLOWED
1	0.62	0.04	N/A	0.12	<0.01	N/A
2	0.70			0.13		
3	0.70			0.14		
INDICATOR LOCATION	DEFLECTION AT -150.00 psf	DEFLECTION (in.)		PERMANENT SET AT -150.00 psf	PERMANENT SET (in.)	
		MEASURED	ALLOWED		MEASURED	ALLOWED
1	0.83	0.06	0.09	0.13	<0.01	N/A
2	0.94			0.14		
3	0.93			0.15		

**TEST REPORT FOR MODERN MILL, INC**

Report No.: Q0770.01-109-18

Date: 01/18/24

**Test Specimen #3: Structural Overload Load per TAS 202**

INDICATOR LOCATION	DEFLECTION AT-225.00 psf	DEFLECTION (in.)		PERMANENT SET AT -225.00 psf	PERMANENT SET (in.)	
		MEASURED	ALLOWED		MEASURED	ALLOWED
1	1.50	0.11	N/A	0.15	0.02	0.06
2	1.66			0.17		
3	1.61			0.16		

**Note 1:** Negative uniform static load test loads were held for 30 seconds.

**Note 2:** Tape and film were used to seal against air leakage during structural testing. In our opinion, the tape and film did not influence the results of the test.

**Note 3:** See Sketch #1 for indicator locations. Deflection/permanent set reported is the overall deflection between three points (longest unsupported span) which accounts for support movement. Test Specimens #1, #2, and #3 were tested in a common chamber.

**Protocol TAS 203-94, Cyclic Wind Pressure Loading**

**Test Date(s):** 08/11/23

The temperature during testing was 26°C (78°F). The results are tabulated as follows:

**Test Specimen #4: Cyclic Test Spectrum and Average Cycle Time per TAS 203**

DESIGN PRESSURE (psf)	STAGE		
-150.00	1	2	3
<b>NEGATIVE PRESSURE RANGE (psf)</b>	0 - 75.0	0 - 90.0	0 - 195.0
<b>AVERAGE CYCLE TIME (sec.)</b>	2.44	2.92	N/A
<b>NUMBER OF CYCLES</b>	600	70	1

**Test Specimen #4: Positive Cyclic Load per TAS 203**

INDICATOR LOCATION	MAXIMUM DEFLECTION (in.)	PERMANENT SET (in.)	PERCENT RECOVERY	
			MEASURED %	ALLOWED %
1-3	0.085	0.005	94	>90

**Test Specimen #5: Cyclic Test Spectrum and Average Cycle Time per TAS 203**

DESIGN PRESSURE (psf)	STAGE		
- 150.00	1	2	3
<b>NEGATIVE PRESSURE RANGE (psf)</b>	0 - 75.0	0 - 90.0	0 - 195.0
<b>AVERAGE CYCLE TIME (sec.)</b>	2.44	2.92	N/A
<b>NUMBER OF CYCLES</b>	600	70	1



## TEST REPORT FOR MODERN MILL, INC

Report No.: Q0770.01-109-18

Date: 01/18/24

### Test Specimen #5: Positive Cyclic Load per TAS 203

INDICATOR LOCATION	MAXIMUM DEFLECTION (in.)	PERMANENT SET (in.)	PERCENT RECOVERY	
			MEASURED %	ALLOWED %
1-3	0.080	0.005	94	>90

### Test Specimen #6: Cyclic Test Spectrum and Average Cycle Time per TAS 203

DESIGN PRESSURE (psf)	STAGE		
-150.00	1	2	3
NEGATIVE PRESSURE RANGE (psf)	0 - 75.0	0 - 90.0	0 - 195.0
AVERAGE CYCLE TIME (sec.)	2.44	2.92	N/A
NUMBER OF CYCLES	600	70	1

### Test Specimen #6: Positive Cyclic Load per TAS 203

INDICATOR LOCATION	MAXIMUM DEFLECTION (in.)	PERMANENT SET (in.)	PERCENT RECOVERY	
			MEASURED %	ALLOWED %
1-3	0.040	0.010	75	>90

**Note 4:** See Sketch #1 for indicator locations. Deflection/permanent set reported is the overall deflection between three points (longest unsupported span) which accounts for support movement. Test Specimens #4, #5, and #6 were cycled in a common chamber.

**General Note:** Florida Building Code Section 1625.4 Fatigue load testing states "Assemblies shall be tested with no resultant failure or distress and shall have a recovery of at least 90 percent over maximum deflection". In cases where cladding assemblies experience very small deflections, less than 0.100", while testing, accurately measuring permanent set is beyond the capability of the measuring equipment. Permanent set will be stated with the highest accuracy possible allowed by the measuring equipment but may not meet the 90 percent recovery. For those cases, consideration should be given to the fact that the deflections and permanent set are so small as to be irrelevant and should not be considered a failure.

**TEST REPORT FOR MODERN MILL, INC**

Report No.: Q0770.01-109-18

Date: 01/18/24

**Protocol TAS 202-94, Static Air Pressure**

**Test Date(s):** 10/10/23

The temperature range during testing was 19° - 20°C (66° - 68°F). The results are tabulated as follows:

**Test Specimen #7: Preload and Design Load per TAS 202**

INDICATOR LOCATION	DEFLECTION AT -97.50 psf	DEFLECTION (in.)		PERMANENT SET AT -97.50 psf	PERMANENT SET (in.)	
		MEASURED	ALLOWED		MEASURED	ALLOWED
1	0.25	0.01	N/A	0.03	0.01	N/A
2	0.24			0.03		
3	0.24			0.02		
INDICATOR LOCATION	DEFLECTION AT -130.00 psf	DEFLECTION (in.)		PERMANENT SET AT -130.00 psf	PERMANENT SET (in.)	
		MEASURED	ALLOWED		MEASURED	ALLOWED
1	0.41	0.01	0.07	0.05	0.01	N/A
2	0.39			0.05		
3	0.39			0.04		

**Test Specimen #7: Structural Overload Load per TAS 202**

INDICATOR LOCATION	DEFLECTION AT -195.00 psf	DEFLECTION (in.)		PERMANENT SET AT -195.00 psf	PERMANENT SET (in.)	
		MEASURED	ALLOWED		MEASURED	ALLOWED
1	0.49	0.02	N/A	0.04	<0.01	0.05
2	0.48			0.04		
3	0.43			0.04		

**TEST REPORT FOR MODERN MILL, INC**

Report No.: Q0770.01-109-18

Date: 01/18/24

**Test Specimen #8: Preload and Design Load per TAS 202**

INDICATOR LOCATION	DEFLECTION AT -97.50 psf	DEFLECTION (in.)		PERMANENT SET AT -97.50 psf	PERMANENT SET (in.)	
		MEASURED	ALLOWED		MEASURED	ALLOWED
1	0.44	0.01	N/A	0.03	0.01	N/A
2	0.43			0.03		
3	0.41			0.04		
INDICATOR LOCATION	DEFLECTION AT -130.00 psf	DEFLECTION (in.)		PERMANENT SET AT -130.00 psf	PERMANENT SET (in.)	
		MEASURED	ALLOWED		MEASURED	ALLOWED
1	0.71	0.02	0.07	0.07	0.01	N/A
2	0.70			0.07		
3	0.65			0.08		

**Test Specimen #8: Structural Overload Load per TAS 202**

INDICATOR LOCATION	DEFLECTION AT -195.00 psf	DEFLECTION (in.)		PERMANENT SET AT -195.00 psf	PERMANENT SET (in.)	
		MEASURED	ALLOWED		MEASURED	ALLOWED
1	1.06	0.03	N/A	0.07	0.01	0.05
2	1.02			0.07		
3	0.93			0.05		

**Test Specimen #9: Preload and Design Load per TAS 202**

INDICATOR LOCATION	DEFLECTION AT -97.50 psf	DEFLECTION (in.)		PERMANENT SET AT -97.50 psf	PERMANENT SET (in.)	
		MEASURED	ALLOWED		MEASURED	ALLOWED
1	0.46	0.01	N/A	0.06	0.01	N/A
2	0.44			0.05		
3	0.43			0.06		
INDICATOR LOCATION	DEFLECTION AT -130.00 psf	DEFLECTION (in.)		PERMANENT SET AT -130.00 psf	PERMANENT SET (in.)	
		MEASURED	ALLOWED		MEASURED	ALLOWED
1	0.73	<0.01	0.07	0.10	0.01	N/A
2	0.70			0.10		
3	0.67			0.11		

**TEST REPORT FOR MODERN MILL, INC**

Report No.: Q0770.01-109-18

Date: 01/18/24

**Test Specimen #9: Structural Overload Load per TAS 202**

INDICATOR LOCATION	DEFLECTION AT -195.00 psf	DEFLECTION (in.)		PERMANENT SET AT -195.00 psf	PERMANENT SET (in.)	
		MEASURED	ALLOWED		MEASURED	ALLOWED
1	1.06	0.01	N/A	0.09	<0.01	0.05
2	1.02			0.09		
3	0.96			0.09		

**Note 5:** Negative uniform static load test loads were held for 30 seconds.

**Note 6:** Tape and film were used to seal against air leakage during structural testing. In our opinion, the tape and film did not influence the results of the test.

**Note 7:** See Sketch #2 for indicator locations. Deflection/permanent set reported is the overall deflection between three points (longest unsupported span) which accounts for support movement. Test Specimens #7, #8, and #9 were tested in a common chamber.

**TEST REPORT FOR MODERN MILL, INC**

Report No.: Q0770.01-109-18

Date: 01/18/24

**Protocol TAS 203-94, Cyclic Wind Pressure Loading**

**Test Date(s):** 08/02/23

The temperature during testing was 24°C (76°F). The results are tabulated as follows:

**Test Specimen #10: Cyclic Test Spectrum and Average Cycle Time per TAS 203**

DESIGN PRESSURE (psf)	STAGE		
-130.00	1	2	3
<b>NEGATIVE PRESSURE RANGE (psf)</b>	0 - 65.0	0 - 78.0	0 - 169.0
<b>AVERAGE CYCLE TIME (sec.)</b>	2.88	2.91	N/A
<b>NUMBER OF CYCLES</b>	600	70	1

**Test Specimen #10: Positive Cyclic Load per TAS 203**

INDICATOR LOCATION	MAXIMUM DEFLECTION (in.)	PERMANENT SET (in.)	PERCENT RECOVERY	
			MEASURED %	ALLOWED %
1-3	0.010	<0.010	>99	>90

**Test Specimen #11: Cyclic Test Spectrum and Average Cycle Time per TAS 203**

DESIGN PRESSURE (psf)	STAGE		
-130.00	1	2	3
<b>NEGATIVE PRESSURE RANGE (psf)</b>	0 - 65.0	0 - 78.0	0 - 169.0
<b>AVERAGE CYCLE TIME (sec.)</b>	2.88	2.91	N/A
<b>NUMBER OF CYCLES</b>	600	70	1

**Test Specimen #11: Positive Cyclic Load per TAS 203**

INDICATOR LOCATION	MAXIMUM DEFLECTION (in.)	PERMANENT SET (in.)	PERCENT RECOVERY	
			MEASURED %	ALLOWED %
1-3	0.010	0.005	50	>90

**TEST REPORT FOR MODERN MILL, INC**

Report No.: Q0770.01-109-18

Date: 01/18/24

**Test Specimen #12: Cyclic Test Spectrum and Average Cycle Time per TAS 203**

DESIGN PRESSURE (psf)	STAGE		
-130.00	1	2	3
<b>NEGATIVE PRESSURE RANGE (psf)</b>	0 - 65.0	0 - 78.0	0 - 169.0
<b>AVERAGE CYCLE TIME (sec.)</b>	2.88	2.91	N/A
<b>NUMBER OF CYCLES</b>	600	70	1

**Test Specimen #12: Positive Cyclic Load per TAS 203**

INDICATOR LOCATION	MAXIMUM DEFLECTION (in.)	PERMANENT SET (in.)	PERCENT RECOVERY	
			MEASURED %	ALLOWED %
1-3	0.015	0.005	67	>90

**Note 8:** See Sketch #2 for indicator locations. Deflection/permanent set reported is the overall deflection between three points (longest unsupported span) which accounts for support movement. Test Specimens #10, #11, and #12 were cycled in a common chamber.

**General Note:** Florida Building Code Section 1625.4 Fatigue load testing states "Assemblies shall be tested with no resultant failure or distress and shall have a recovery of at least 90 percent over maximum deflection". In cases where cladding assemblies experience very small deflections, less than 0.100", while testing, accurately measuring permanent set is beyond the capability of the measuring equipment. Permanent set will be stated with the highest accuracy possible allowed by the measuring equipment but may not meet the 90 percent recovery. For those cases, consideration should be given to the fact that the deflections and permanent set are so small as to be irrelevant and should not be considered a failure.

## TEST REPORT FOR MODERN MILL, INC

Report No.: Q0770.01-109-18

Date: 01/18/24

### SECTION 9

#### CONCLUSIONS

No signs of failure were observed in any area of the test specimen during the TAS 202 testing; as such, the test specimen satisfies the requirements of TAS 202. Upon completion of testing, specimens tested for TAS 202-94 met the requirements of Section 1620 of the Florida Building Code, Building.

No signs of failure were observed in any area of the test specimens during the cyclic load test; as such, the test specimens satisfy the cyclic load requirements of TAS 203. Upon completion of testing, specimens tested for TAS 203-94 met the requirements of Section 1625 of the Florida Building Code, Building.

## TEST REPORT FOR MODERN MILL, INC

Report No.: Q0770.01-109-18

Date: 01/18/24

### SECTION 10 SKETCHES

REV	DATE	DESCRIPTION	BY
PROJECT NO. Q0770.01 109-18	PROJECT NAME TAS 202 & TAS 203 CLIENT MODERN MILL, INC		DRAWING SKETCH #1 INDICATOR LOCATIONS
		ENCL. BY TJM	DATE 1/18/24
		SHEET 1	OF 1

**Sketch No. 1**  
**TAS 202 Horizontal Orientation Indicator Locations**



## TEST REPORT FOR MODERN MILL, INC

Report No.: Q0770.01-109-18

Date: 01/18/24

REV	DATE	DESCRIPTION	BY
PROJECT NO. Q0770.01 109-18	PROJECT NAME TAS 202 & TAS 203 CLIENT MODERN MILL, INC		DRAWING SKETCH #2 INDICATOR LOCATIONS DWG. BY: TJH DATE: 1/18/24
			SHEET 1 OF 1

**Sketch No. 2**  
**TAS 202 Vertical Orientation Indicator Locations**

## TEST REPORT FOR MODERN MILL, INC

Report No.: Q0770.01-109-18

Date: 01/18/24

### SECTION 11 PHOTOGRAPHS



**Photo No. 1**  
**Horizontal TAS202 Specimens 1-3**

**TEST REPORT FOR MODERN MILL, INC**

Report No.: Q0770.01-109-18

Date: 01/18/24



**Photo No. 2**  
**Horizontal TAS203 Specimens 4-6**

**TEST REPORT FOR MODERN MILL, INC**

Report No.: Q0770.01-109-18

Date: 01/18/24



**Photo No. 3**  
**Vertical TAS202 Specimens 7-9**

## TEST REPORT FOR MODERN MILL, INC

Report No.: Q0770.01-109-18

Date: 01/18/24



**Photo No. 4**  
**Vertical TAS203 Specimens 10-12**



Total Quality. Assured.

130 Derry Court  
York, Pennsylvania 17406

Telephone: 717-764-7700  
Facsimile: 717-764-4129  
[www.intertek.com/building](http://www.intertek.com/building)

## TEST REPORT FOR MODERN MILL, INC

Report No.: Q0770.01-109-18

Date: 01/18/24

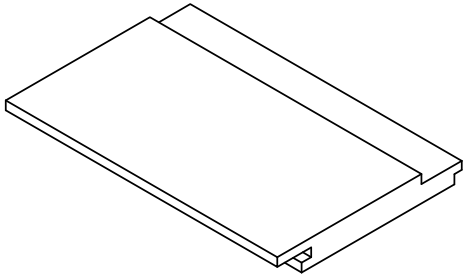
### SECTION 12 DRAWINGS

The test specimen drawings have been reviewed by Intertek B&C and are representative of the test specimen(s) reported herein. Test specimen construction was verified by Intertek B&C per the drawings included in this report. Any deviations are documented herein or on the drawings.

2

1

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ADDED TOLERANCES (SUPPLIED BY PRODUCTION/QA)	1/20/2023	RL

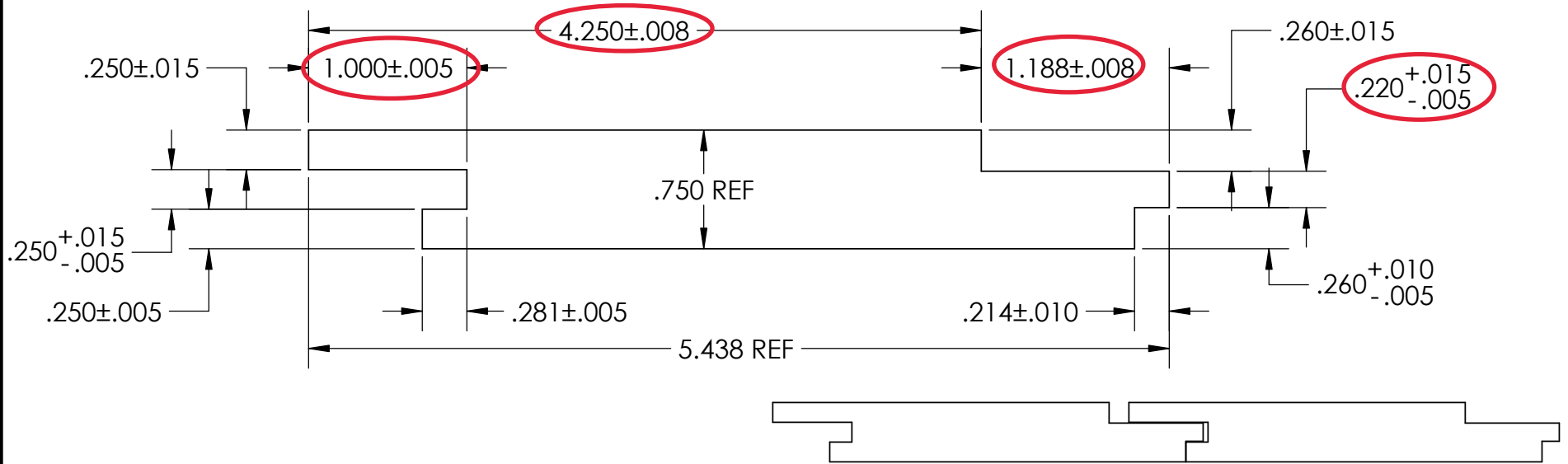


**intertek**  
Total Quality. Assured.

Report #: Q0770.01  
Date: 10/11/23  
Verified by: *J.R.Z.*

B

B



A

A

**PROPRIETARY AND CONFIDENTIAL**  
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MODERN MILL INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF MODERN MILL INC IS PROHIBITED.

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	SMK	220508
		TOLERANCES:	CHECKED	MYM	221005
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
		FINISH			
NEXT ASSY	USED ON				
APPLICATION		DO NOT SCALE DRAWING			

TITLE:  
T&G SHIPLAP 1/4" GAP  
SP-75061XT&G SHIPLAP 1/4" GAP  
SP-7506

SIZE	DWG. NO.	REV
<b>A</b>	<b>MM-001</b>	<b>1A</b>
SCALE: 1:1	WEIGHT:	SHEET 1 OF 1

2

1



Total Quality. Assured.

130 Derry Court  
York, Pennsylvania 17406

Telephone: 717-764-7700  
Facsimile: 717-764-4129  
[www.intertek.com/building](http://www.intertek.com/building)

**TEST REPORT FOR MODERN MILL, INC**

Report No.: Q0770.01-109-18

Date: 01/18/24

**SECTION 13**

**REVISION LOG**

REVISION #	DATE	PAGES	REVISION
0	01/18/24	N/A	Original Report Issue