

# **KNOTWOOD, A DIVISION OF OMNIMAX INTERNATIONAL, INC.**

## **MIAMI-DADE TEST REPORT**

### **SCOPE OF WORK**

TAS 202 AND TAS 203 TESTING ON KEC150, ALUMINUM POWDER-COATED CLADDING

### **REPORT NUMBER**

J6557.01-109-18 R1

### **TEST DATES**

06/27/19 - 06/28/19

### **ISSUE DATE      REVISED DATE**

10/16/19      04/26/22

### **RECORD RETENTION END DATE**

06/28/29

### **MIAMI-DADE COUNTY NOTIFICATION NO.**

ATI 19036

### **LABORATORY CERTIFICATION NO.**

18-0524.13

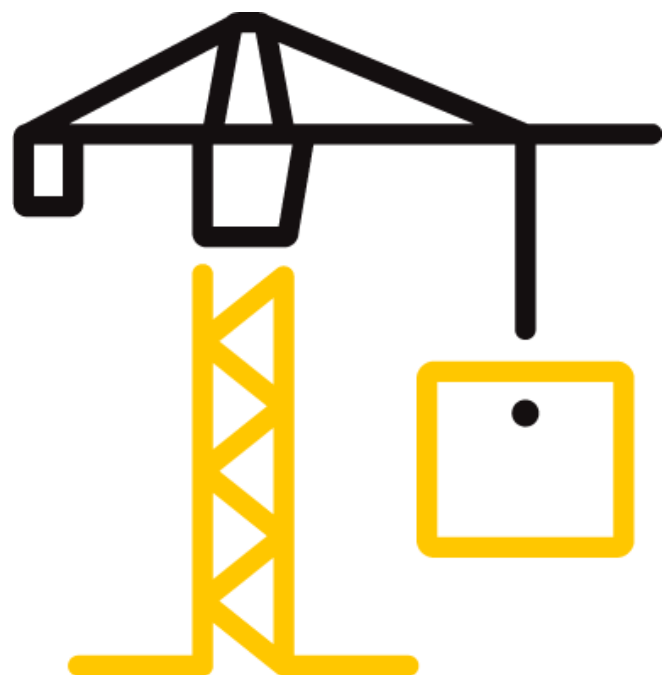
### **PAGES**

16

### **DOCUMENT CONTROL NUMBER**

RT-R-AMER-Test-2816 (02/22/19)

© 2017 INTERTEK



## TEST REPORT FOR KNOTWOOD, A DIVISION OF OMNIMAX INTERNATIONAL, INC.

Report No.: J6557.01-109-18 R1

Revision 1: 04/26/22

Date: 10/16/19

### REPORT ISSUED TO

**KNOTWOOD, A DIVISION OF OMNIMAX INTERNATIONAL, INC.**

4455 Rivergreen Parkway

Duluth, Georgia 30096

### SECTION 1

#### SCOPE

Architectural Testing, Inc. (an Intertek company) dba Intertek Building & Construction (B&C) was contracted by Knotwood, a division of OmniMax International, Inc. to perform TAS 202 and TAS 203 testing in accordance with Miami-Dade County requirements on their KEC150, aluminum powder-coated cladding. Results obtained are tested values and were secured by using the designated test methods. Testing was conducted at the Intertek B&C test facility in York, Pennsylvania.

### SECTION 2

#### SUMMARY OF TEST RESULTS

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

SPEC.	TEST PROTOCOL	DESIGN PRESSURE
1, 2, 3	TAS 202	+120.30 / -120.30 psf
4, 5, 6	TAS 203	+120.30 / -120.30 psf

For INTERTEK B&C:

<b>COMPLETED BY:</b>	Ken R. Stough	<b>REVIEWED BY:</b>	Vinu J. Abraham, P.E.
<b>TITLE:</b>	Project Engineer – Product Testing	<b>TITLE:</b>	Vice President – Products Building & Construction
<b>SIGNATURE:</b>		<b>SIGNATURE:</b>	
<b>DATE:</b>	04/26/22	<b>DATE:</b>	04/26/22

RJB:wnl/nls

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 KNOTWOOD, A DIVISION OF OMNIMAX INTERNATIONAL, INC.

Report No.: J6557.01-109-18 R1

Revision 1: 04/26/22

Date: 10/16/19

### SECTION 3

#### TEST METHODS

The specimens were evaluated in accordance with the following:

**TAS 202-94**, *Criteria for Testing Impact and 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 specimens will be retained by Intertek B&C for a minimum of ten years from the test completion date.

The specimens were installed onto a Spruce-Pine-Fir 2x6 stud test wall with studs spaced 16" on center and sheathed with 5/8" 5-ply plywood. Installation of the tested product was performed by Intertek B&C.

A 1-3/8" tall starter strip was utilized at the top of the cladding system. Each consecutive panel was interlocked and secured with the installation clips spaced at 32" on center. Each specimen utilized four courses. The top of the system utilized a 2-9/16" tall snap-in cover plate to conceal the installation clips.

LOCATION	ANCHOR DESCRIPTION	ANCHOR LOCATION
Studs	#10 x 2-1/2" hex head screw with an insulated washer	Through the installation clip and into the studs, spaced at 32" on center. One screw per clip.
Bottom and sides	#10 x 2-1/2" hex head screw with an insulated washer	The fasteners were located 1-1/2" from ends and 16" on center, through the flashing base into the test wall.

### SECTION 5

#### EQUIPMENT

**Cycling Mechanism:** Computer controlled centrifugal blower with electronic pressure measuring device

**Deflection Measuring Device:** Linear transducers

## TEST REPORT FOR KNOTWOOD, A DIVISION OF OMNIMAX INTERNATIONAL, INC.

Report No.: J6557.01-109-18 R1

Revision 1: 04/26/22

Date: 10/16/19

### SECTION 6

#### LIST OF OFFICIAL OBSERVERS

NAME	COMPANY
Timothy J. McGill	Intertek B&C
Daniel C. Culbert, P.E.	Intertek B&C
Robert J. Beatty	Intertek B&C

### SECTION 7

#### TEST SPECIMEN DESCRIPTION

**Product Type:** Aluminum Powder-Coated Cladding

**Series/Model:** KEC150

#### Product Sizes:

OVERALL AREA:	WIDTH		HEIGHT	
	millimeters	inches	millimeters	inches
1.7 m <sup>2</sup> (18.8 ft <sup>2</sup> )				
Overall size	2438	96	718	28-1/4
Panel size	2438	96	149	5-7/8

**TEST REPORT FOR KNOTWOOD, A DIVISION OF OMNIMAX INTERNATIONAL, INC.**

Report No.: J6557.01-109-18 R1

Revision 1: 04/26/22

Date: 10/16/19

**SECTION 8  
TEST RESULTS**

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

**Test Date:** 06/27/19

The temperature during testing was 29°C (84°F). The results are tabulated as follows:

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

LOAD (psf)	INDICATOR LOCATION	DEFLECTION (in.)		PERMANENT SET (in.)	
		MEASURED	ALLOWED	MEASURED	ALLOWED
+60.15 50% of Test Pressure	1	0.15	N/A	0.07	N/A
	2	0.19	N/A	0.08	N/A
	3	0.15	N/A	0.05	N/A
+120.30 Design Pressure	1	0.20	N/A	0.06	N/A
	2	0.25	N/A	0.08	N/A
	3	0.22	N/A	0.06	N/A
-60.15 50% of Test Pressure	1	0.20	N/A	0.08	N/A
	2	0.24	N/A	0.09	N/A
	3	0.20	N/A	0.08	N/A
-120.30 Design Pressure	1	0.52	N/A	0.10	N/A
	2	0.59	N/A	0.11	N/A
	3	0.54	N/A	0.10	N/A

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

LOAD (psf)	INDICATOR LOCATION	DEFLECTION (in.)		PERMANENT SET (in.)	
		MEASURED	ALLOWED	MEASURED	ALLOWED
+180.45 Test Pressure	1	0.32	N/A	0.08	N/A
	2	0.40	N/A	0.11	N/A
	3	0.33	N/A	0.08	N/A
-180.45 Test Pressure	1	1.36	N/A	0.36	N/A
	2	1.52	N/A	0.38	N/A
	3	1.38	N/A	0.36	N/A

**TEST REPORT FOR KNOTWOOD, A DIVISION OF OMNIMAX INTERNATIONAL, INC.**

Report No.: J6557.01-109-18 R1

Revision 1: 04/26/22

Date: 10/16/19

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

LOAD (psf)	INDICATOR LOCATION	DEFLECTION (in.)		PERMANENT SET (in.)	
		MEASURED	ALLOWED	MEASURED	ALLOWED
+60.15 50% of Test Pressure	1	0.23	N/A	0.05	N/A
	2	0.31	N/A	0.07	N/A
	3	0.26	N/A	0.05	N/A
+120.30 Design Pressure	1	0.40	N/A	0.05	N/A
	2	0.47	N/A	0.07	N/A
	3	0.42	N/A	0.05	N/A
-60.15 50% of Test Pressure	1	0.35	N/A	0.07	N/A
	2	0.46	N/A	0.09	N/A
	3	0.41	N/A	0.09	N/A
-120.30 Design Pressure	1	0.89	N/A	0.11	N/A
	2	1.08	N/A	0.14	N/A
	3	0.96	N/A	0.13	N/A

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

LOAD (psf)	INDICATOR LOCATION	DEFLECTION (in.)		PERMANENT SET (in.)	
		MEASURED	ALLOWED	MEASURED	ALLOWED
+180.45 Test Pressure	1	0.60	N/A	0.08	N/A
	2	0.68	N/A	0.11	N/A
	3	0.63	N/A	0.08	N/A
-180.45 Test Pressure	1	1.62	N/A	0.29	N/A
	2	1.92	N/A	0.32	N/A
	3	1.69	N/A	0.29	N/A

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

LOAD (psf)	INDICATOR LOCATION	DEFLECTION (in.)		PERMANENT SET (in.)	
		MEASURED	ALLOWED	MEASURED	ALLOWED
+60.15 50% of Test Pressure	1	0.22	N/A	0.03	N/A
	2	0.29	N/A	0.04	N/A
	3	0.22	N/A	0.03	N/A
+120.30 Design Pressure	1	0.35	N/A	0.03	N/A
	2	0.38	N/A	0.05	N/A
	3	0.35	N/A	0.03	N/A
-60.15 50% of Test Pressure	1	0.33	N/A	0.06	N/A
	2	0.44	N/A	0.07	N/A
	3	0.39	N/A	0.06	N/A
-120.30 Design Pressure	1	0.94	N/A	0.10	N/A
	2	1.11	N/A	0.11	N/A
	3	1.00	N/A	0.10	N/A

**TEST REPORT FOR KNOTWOOD, A DIVISION OF OMNIMAX INTERNATIONAL, INC.**

Report No.: J6557.01-109-18 R1

Revision 1: 04/26/22

Date: 10/16/19

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

LOAD (psf)	INDICATOR LOCATION	DEFLECTION (in.)		PERMANENT SET (in.)	
		MEASURED	ALLOWED	MEASURED	ALLOWED
+180.45 Test Pressure	1	0.53	N/A	0.05	N/A
	2	0.57	N/A	0.07	N/A
	3	0.54	N/A	0.05	N/A
-180.45 Test Pressure	1	1.43	N/A	0.19	N/A
	2	1.72	N/A	0.21	N/A
	3	1.52	N/A	0.19	N/A

**Note 1:** Positive and 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.

**TEST REPORT FOR KNOTWOOD, A DIVISION OF OMNIMAX INTERNATIONAL, INC.**

Report No.: J6557.01-109-18 R1

Revision 1: 04/26/22

Date: 10/16/19

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

**Test Dates:** 06/27/19 through 06/28/19

The temperature during testing was 29°C (84°F). The results are tabulated as follows:

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

DESIGN PRESSURE	STAGE		
+120.30 psf	<b>1</b>	<b>2</b>	<b>3</b>
<b>POSITIVE PRESSURE RANGE (psf)</b>	0 – 60.15	0 – 72.18	0 – 156.39
<b>AVERAGE CYCLE TIME (sec.)</b>	2.78	2.85	N/A
<b>NUMBER OF CYCLES</b>	600	70	1
-120.30 psf	<b>4</b>	<b>5</b>	<b>6</b>
<b>NEGATIVE PRESSURE RANGE (psf)</b>	0 – 60.15	0 – 72.18	0 – 156.39
<b>AVERAGE CYCLE TIME (sec.)</b>	2.86	3.00	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	0.39	0.03	92	> 90
2	0.51	0.05	90	> 90
3	0.38	0.04	89 <sup>5</sup>	< 90

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

INDICATOR LOCATION	MAXIMUM DEFLECTION (in.)	PERMANENT SET (in.)	PERCENT RECOVERY	
			MEASURED %	ALLOWED %
1	0.66	0.03	95	> 90
2	0.77	0.05	94	> 90
3	0.66	0.04	94	> 90

**Note 4:** See Sketch #1 for indicator locations. Test Specimens #4, #5, and #6 were cycled in a common chamber.

**Note 5:** Percent recovery of Test Specimen #4 was exceeded during positive loading. The percent recovery was within 0.5% which is within a margin of error in testing and is deemed acceptable.



## TEST REPORT FOR KNOTWOOD, A DIVISION OF OMNIMAX INTERNATIONAL, INC.

Report No.: J6557.01-109-18 R1

Revision 1: 04/26/22

Date: 10/16/19

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

DESIGN PRESSURE	STAGE		
	1	2	3
+120.30 psf			
<b>POSITIVE PRESSURE RANGE (psf)</b>	0 – 60.15	0 – 72.18	0 – 156.39
<b>AVERAGE CYCLE TIME (sec.)</b>	2.78	2.85	N/A
<b>NUMBER OF CYCLES</b>	600	70	1
-120.30 psf			
<b>NEGATIVE PRESSURE RANGE (psf)</b>	0 – 60.15	0 – 72.18	0 – 156.39
<b>AVERAGE CYCLE TIME (sec.)</b>	2.86	3.00	N/A
<b>NUMBER OF CYCLES</b>	600	70	1

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

INDICATOR LOCATION	MAXIMUM DEFLECTION (in.)	PERMANENT SET (in.)	PERCENT RECOVERY	
			MEASURED %	ALLOWED %
1	0.73	0.06	92	> 90
2	0.73	0.07	90	> 90
3	0.68	0.04	94	> 90

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

INDICATOR LOCATION	MAXIMUM DEFLECTION (in.)	PERMANENT SET (in.)	PERCENT RECOVERY	
			MEASURED %	ALLOWED %
1	0.93	0.01	99	> 90
2	1.05	0.04	96	> 90
3	0.89	0.02	98	> 90

**Note 6:** See Sketch #1 for indicator locations. Test Specimens #4, #5, and #6 were cycled in a common chamber.

**TEST REPORT FOR KNOTWOOD, A DIVISION OF OMNIMAX INTERNATIONAL, INC.**

Report No.: J6557.01-109-18 R1

Revision 1: 04/26/22

Date: 10/16/19

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

DESIGN PRESSURE	STAGE		
	1	2	3
+120.30 psf			
<b>POSITIVE PRESSURE RANGE (psf)</b>	0 – 60.15	0 – 72.18	0 – 156.39
<b>AVERAGE CYCLE TIME (sec.)</b>	2.78	2.85	N/A
<b>NUMBER OF CYCLES</b>	600	70	1
-120.30 psf			
<b>NEGATIVE PRESSURE RANGE (psf)</b>	0 – 60.15	0 – 72.18	0 – 156.39
<b>AVERAGE CYCLE TIME (sec.)</b>	2.86	3.00	N/A
<b>NUMBER OF CYCLES</b>	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	0.54	0.04	93	> 90
2	0.64	0.06	91	> 90
3	0.57	0.05	91	> 90

**Test Specimen #6: Negative Cyclic Load per TAS 203**

INDICATOR LOCATION	MAXIMUM DEFLECTION (in.)	PERMANENT SET (in.)	PERCENT RECOVERY	
			MEASURED %	ALLOWED %
1	0.76	0.01	99	> 90
2	0.91	0.03	97	> 90
3	0.81	0.02	98	> 90

**Note 7:** See Sketch #1 for indicator locations. Test Specimens #4, #5, and #6 were cycled in a common chamber.

**TEST REPORT FOR KNOTWOOD, A DIVISION OF OMNIMAX INTERNATIONAL, INC.**

Report No.: J6557.01-109-18 R1

Revision 1: 04/26/22

Date: 10/16/19

**ASTM E8/E8M-16a**

**Test Method:** The test specimens were evaluated in accordance with ASTM E8/E8M-16a, *Standard Test Methods for Tension Testing of Metallic Materials*. The test specimens were machined and sized in compliance with section 6.0 of the standard. The specimens were tested using an Instron Model 3369 Universal Test Machine (ICN:005740) with a cross head speed of 0.2 in/min.

**Test Results:** The test procedure and test results are documented in Intertek B&C job number J6557.02-106-18 and summarized in the following table.

Specimen	Yield Strength (ksi)	Peak Load (lb)	Tensile Strength (ksi)	Elongation (%)
1	31.1	990	34.1	8.1
2	31.7	991	34.4	8.6
3	31.5	1,008	34.7	10.1
4	31.8	1,001	34.7	9.7
5	30.8	975	33.7	6.8
6	29.6	939	32.4	8.5
<b>Average</b>	<b>31.1</b>	<b>984</b>	<b>34.0</b>	<b>8.6</b>

The average calculated modulus of elasticity is  $10.1 \times 10^6$  psi for the six samples tested.

**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.

AND

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.

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.

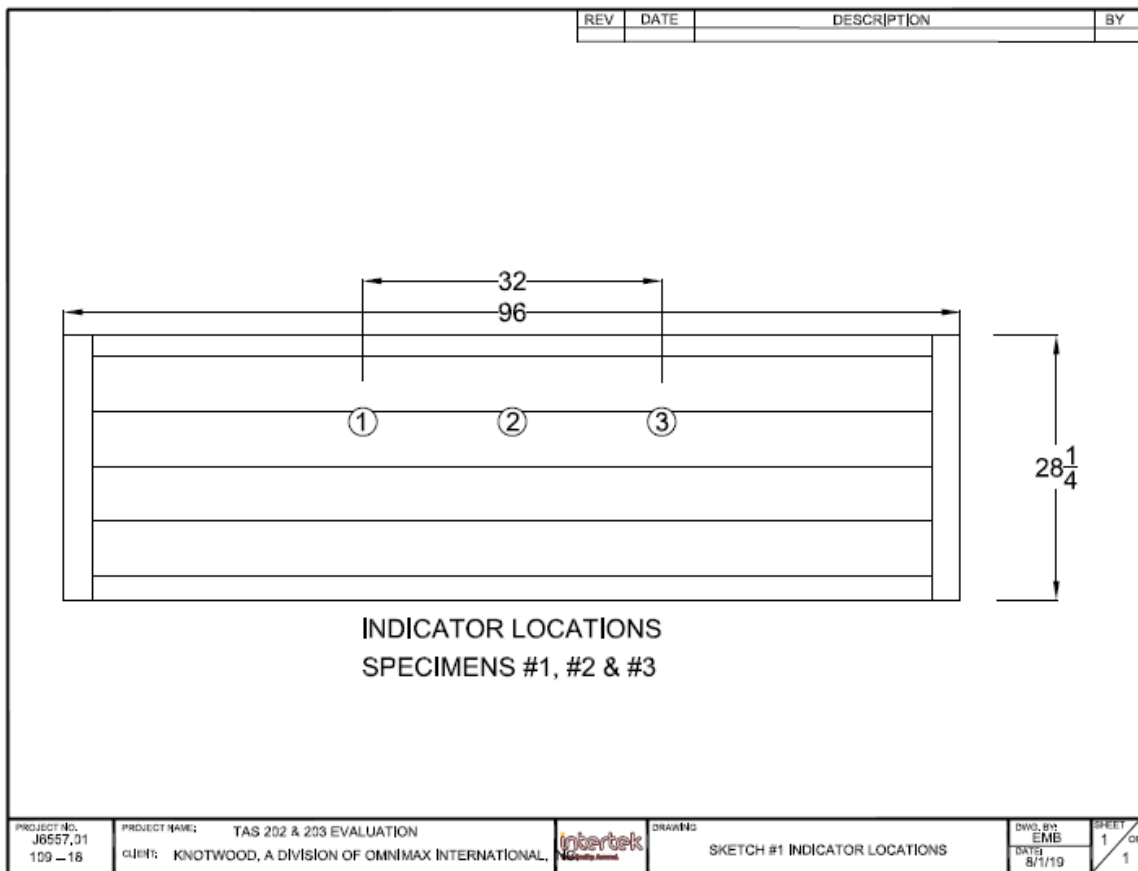
## TEST REPORT FOR KNOTWOOD, A DIVISION OF OMNIMAX INTERNATIONAL, INC.

Report No.: J6557.01-109-18 R1

Revision 1: 04/26/22

Date: 10/16/19

### SECTION 10 SKETCH(ES)



**Sketch No. 1**  
**TAS 202 and TAS 203 Indicator Locations**

## TEST REPORT FOR KNOTWOOD, A DIVISION OF OMNIMAX INTERNATIONAL, INC.

Report No.: J6557.01-109-18 R1

Revision 1: 04/26/22

Date: 10/16/19

### SECTION 11 PHOTOGRAPH



**Photo No. 1**  
**KEC150, Aluminum Powder-Coated Cladding**



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 KNOTWOOD, A DIVISION OF OMNIMAX INTERNATIONAL, INC.**

Report No.: J6557.01-109-18 R1

Revision 1: 04/26/22

Date: 10/16/19

**SECTION 12**

**DRAWINGS**

The test specimen drawings have been reviewed by Intertek B&C and are representative of the test specimens 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.

NOTES, UNLESS OTHERWISE SPECIFIED:

1. PROFILE SHAPE AND MATERIAL:

Fy and Fu VALUES LISTED ARE MINIMUM PER ASTM B221  
EXCEPTION: 6060-T5 VALUES LISTED ARE MINIMUM PER EN 755-2

DIMENSIONAL TOLERANCES PER ANSI H35.2

STOCK LENGTH (MAXIMUM LENGTH) OF ALL MEMBERS IS 18'-6".  
EXCEPTION: KAOCC45 SUPPLIED AT CUT LENGTH OF 1.772" [45mm].

FASTENING SCREWS:

SELF-TAPPING METAL SCREWS, #10 MINIMUM  
GALVANIZED UNLESS NOTED OTHERWISE  
ALUMINUM WHERE NOTED AT HIGH/SALT EXPOSURE

2. MEMBERS AVAILABLE IN WIDE ASSORTMENT OF SOLID COLORS AND WOODGRAIN FINISHES

3. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD PRIOR TO INSTALLATION. DO NOT SCALE OFF DRAWINGS.

4. ALL MEMBERS SHALL BE SAW CUT IN FIELD AS REQUIRED.

5. NO SPLICES SHALL BE PERMITTED UNLESS OTHERWISE INDICATED ON DRAWINGS.

6. TOUCH UP ALL SCRATCHES WITH DEALER PROVIDED COLORS TO MATCH.

7. WELDING IS NOT PERMITTED UNLESS OTHERWISE INDICATED ON DRAWINGS.

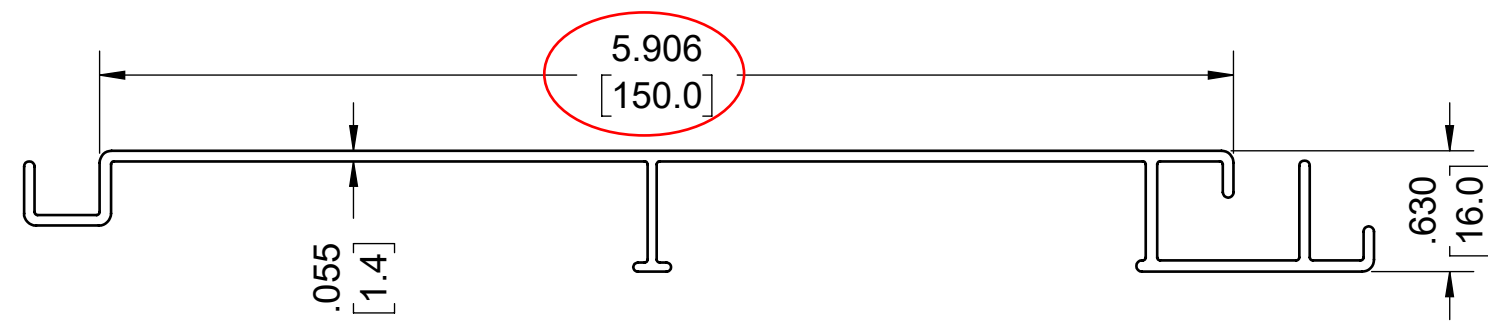
8. THE CONTENTS SHOW THE APPLICATION OF ALUMINUM KNOTWOOD FRAMING COMPONENTS ONLY. THE INSTALLING CONTRACTOR IS TO REFER TO THE PROJECT DOCUMENTS FOR ADDITIONAL REQUIREMENTS.

9. DIMENSIONS HEREIN ARE FOR ENGINEERING PURPOSES ONLY AND MUST BE REVIEWED FOR THE PURPOSE OF APPROVAL. ALL CONDITIONS ARE SUBJECT TO APPROVAL AND TO FIELD VERIFICATION PRIOR TO FABRICATION OR INSTALLATION.

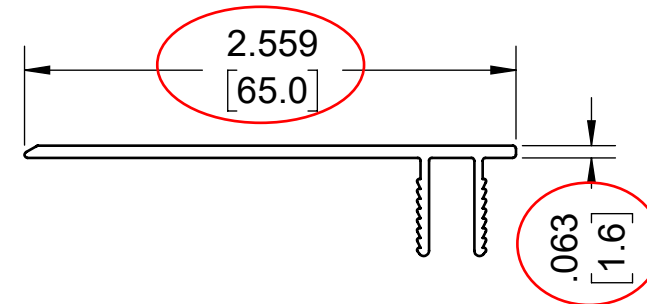
10. BEFORE ORDERING, FABRICATING OR ERECTING ANY MATERIAL, MAKE ANY NECESSARY SURVEYS AND MEASUREMENTS TO VERIFY THAT IN PLACE WORK HAS BEEN BUILT ACCORDING TO THE CONTRACT DOCUMENTS AND ARE WITHIN ACCEPTABLE TOLERANCES. THIS INCLUDES THE ORIGINAL BUILDINGS AND ALL ADDITIONS THERETO. NOTIFY THE A/E AND OWNER'S REPRESENTATIVES OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

11. TEMPORARY BRACING OF THE SYSTEM AND SAFETY DURING CONSTRUCTION IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR. TEMPORARY BRACING OF THE SYSTEM SHALL REMAIN IN PLACE UNTIL THE SYSTEM IS TOTALLY IN PLACE. CONTRACTOR SHALL COORDINATE LOCATIONS OF TEMPORARY BRACING WITH OTHER CONTRACTORS. REFER TO DRAWINGS FOR ADDITIONAL CRITERIA.

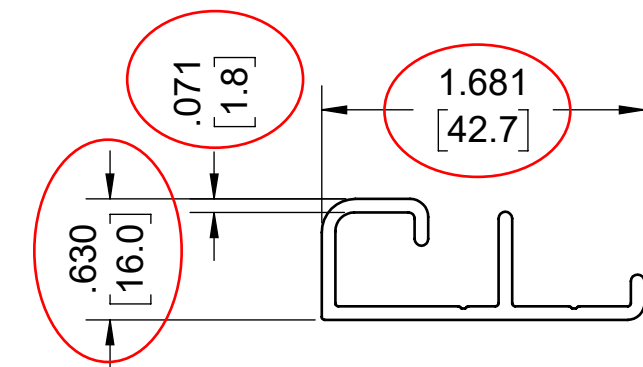
12. THIS SUBMITTAL IS SUBJECT TO THE REVIEW AND APPROVAL OF THE PROJECT ARCHITECT/ENGINEER OF RECORD PRIOR TO INSTALLATION.



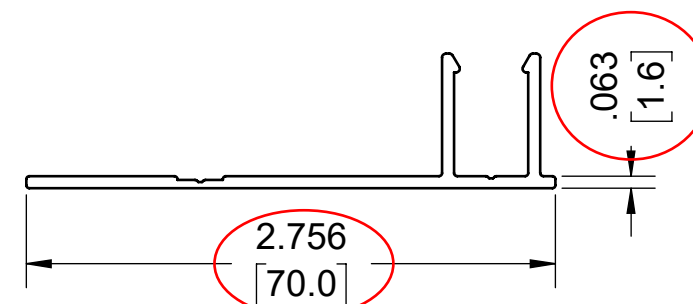
**KEC150**  
**MATERIAL: 6063-T5**  
Fu = 22 KSI  
Fy = 16 KSI  
E = 10000 KSI



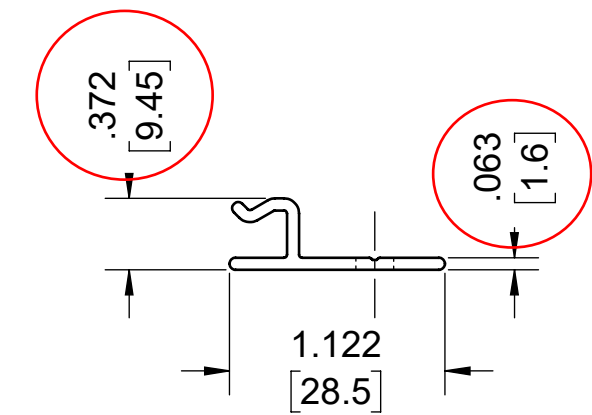
**KECFTLM**  
**MATERIAL: 6063-T6**  
Fu = 30 KSI  
Fy = 25 KSI  
E = 10000 KSI



**KEDSTRADJ**  
**MATERIAL: 6063-T5**  
Fu = 22 KSI  
Fy = 16 KSI  
E = 10000 KSI



**KECFBF**  
**MATERIAL: 6063-T6**  
Fu = 30 KSI  
Fy = 25 KSI  
E = 10000 KSI



**KAOCC45**  
**MATERIAL: 6060-T5**  
Fu = 23 KSI  
Fy = 17 KSI  
E = 10000 KSI

**intertek** Total Quality. Assured.

Report #: J6557.01-109-18  
Date: 04/21/2022  
Verified by: *Ken R. Stoyl*

<p><b>PROPRIETARY AND CONFIDENTIAL</b> THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF OMNIMAX INTERNATIONAL, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF OMNIMAX INTERNATIONAL, INC. IS PROHIBITED. THIS DRAWING IS CONTROLLED BY OMNIMAX INTERNATIONAL, INC. ANY CHANGES TO THIS DRAWING MUST BE APPROVED BY THE RESPONSIBLE ENGINEERING DEPT.</p>																		
<p>UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES</p>	<p>APPLICABLE STANDARDS</p> <table border="1"> <tr> <td>-</td><td>-</td><td>-</td><td>-</td> </tr> <tr> <td>-</td><td>A</td><td>00</td><td>INITIAL DRAWING</td> </tr> <tr> <td>ECN NO.</td><td>REV.</td><td>VER.</td><td>DESCRIPTION</td> </tr> </table>				-	-	-	-	-	A	00	INITIAL DRAWING	ECN NO.	REV.	VER.	DESCRIPTION	<p>4/18/2022</p>	<p>ST</p>
	-	-	-	-														
-	A	00	INITIAL DRAWING															
ECN NO.	REV.	VER.	DESCRIPTION															
<p>REQUIREMENTS FOR CORROSION RESISTANCE ACCORDING TO:</p>				<p>DO NOT SCALE DRAWING REFER TO 3D MODEL FOR MISSING DIMENSIONS / CONTOURS</p>														
<p>LATEST REVISION HISTORY</p> <table border="1"> <tr> <th>DESCRIPTION</th> <th>DATE</th> <th>APPR.</th> </tr> <tr> <td>GENERAL NOTES, CLADDING</td> <td></td> <td></td> </tr> </table>						DESCRIPTION	DATE	APPR.	GENERAL NOTES, CLADDING									
DESCRIPTION	DATE	APPR.																
GENERAL NOTES, CLADDING																		
<p><b>OmniMax International</b> 30 Technology Parkway South, Suite 400 Peachtree Corners, GA 30092</p>	<p>SHEET SIZE: C</p>	<p>DRAWN BY: S. TALIAFERRO</p>	<p>DATE: 4/18/2022</p>	<p>SCALE: 1:1</p>	<p>DRAWING NO.: C-100</p>													
<p>THIRD ANGLE PROJECTION</p>		<p>CHECKED BY:</p>	<p>DATE:</p>	<p>CERT: 0</p>	<p>REV. A</p>													
<p>APPROVED BY:</p>					<p>DATE:</p>													
<p>STATUS:</p>					<p>SHEET 1 OF 1</p>													



Total Quality. Assured.

130 Derry Court  
York, Pennsylvania 17406

Telephone: 717-764-7700  
Facsimile: 717-764-4129  
www.intertek.com/building

**TEST REPORT FOR KNOTWOOD, A DIVISION OF OMNIMAX INTERNATIONAL, INC.**

Report No.: J6557.01-109-18 R1

Revision 1: 04/26/22

Date: 10/16/19

**SECTION 13**

**REVISION LOG**

REVISION #	DATE	PAGES	REVISION
0	10/16/19	N/A	Original Report Issue
1	04/26/22	15	Revised Drawing