

STO CORP. TEST REPORT

SCOPE OF WORK

AAMA/WDMA/CSA 101/I.S.2/A440 TESTING ON StoPanel Classic NExT with Kawneer
8225TL Window

REPORT NUMBER

M2303.01-550-44 R0

TEST DATE(S)

04/26/21 - 04/30/21

ISSUE DATE

07/06/21

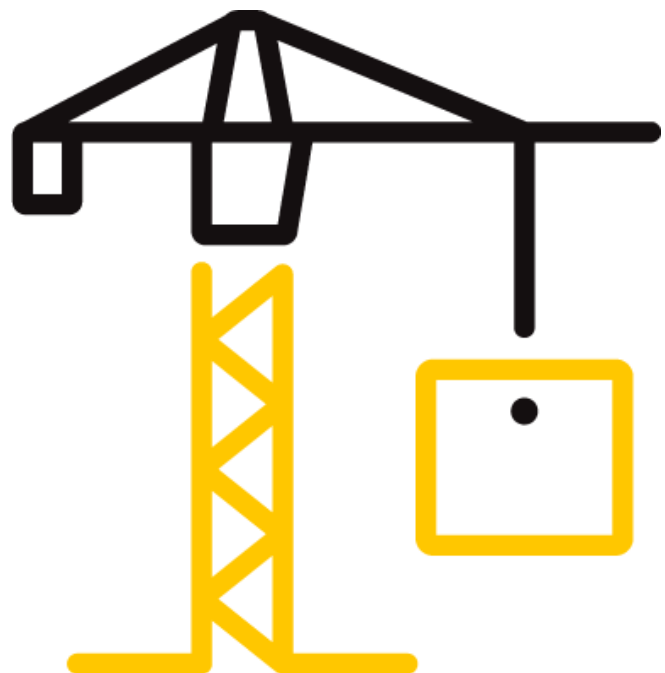
PAGES

20

DOCUMENT CONTROL NUMBER

RT-R-AMER-Test-2804 (01/15/21)

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TEST REPORT FOR STO CORP.

Report No.: M2303.01-550-44 R0

Date: 07/06/21

REPORT ISSUED TO

STO CORP.

3800 Camp Creek Parkway

Atlanta, GA 30331

SECTION 1

SCOPE

Intertek Testing Services NA, Inc. dba Intertek Building & Construction (B&C) was contracted by STO Corp. Atlanta, GA to perform testing in accordance with AAMA/WDMA/CSA 101/I.S.2/A440 on their StoPanel Classic NExT with Kawneer 8225TL Window. 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 Lithia Springs, GA. This report does not constitute certification of this product nor an opinion or endorsement by this laboratory.

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 four 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:

COMPLETED BY:	Brock Viness	REVIEWED BY:	Jim Blakley
TITLE:	Technician I	TITLE:	Lab Manager
SIGNATURE:		SIGNATURE:	
DATE:	07/06/21	DATE:	07/06/21

Abv:jb

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SECTION 2

SUMMARY OF TEST RESULTS

TITLE	RESULTS
AAMA/WDMA/CSA 101/I.S.2/A440-17	AW40
Design Pressure	±1915 Pa (±40.00 psf)
Air Infiltration	0.05 L/s/m ² (0.01 cfm/ft ²)
Air Exfiltration	0.23 L/s/m ² (0.04 cfm/ft ²)
Water Penetration Resistance Test Pressure	479 Pa (10.00 psf)

SECTION 3

TEST SPECIFICATION(S)/METHOD(S)

The specimens were evaluated in accordance with the following:

AAMA/WDMA/CSA 101/I.S.2/A440-17 - *North American Fenestration Standard/Specification for Windows, Doors, and Skylights*

The following test methods were used during testing:

ASTM E283-04(2012), *Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen*

ASTM E330/E330M-14, *Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference*

ASTM E331-00(2016), *Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference*

SECTION 4

MATERIAL SOURCE/INSTALLATION

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

The specimen was installed into a Douglas-Fir or Spruce-Pine-Fir wood buck. The rough opening allowed for a 5/8" shim space and the exterior perimeter of the specimen was sealed to the test buck. Installation of the tested product was performed by the client.

LOCATION	ANCHOR DESCRIPTION	ANCHOR SPACING
All Members	#14 x 1-1/2" Hex head self-drilling screws	3" from each corner, 7" on center

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SECTION 5

LIST OF OFFICIAL OBSERVERS

NAME	COMPANY
Andrew Rytter	Intertek B&C

SECTION 6

TEST SPECIMEN DESCRIPTION

Product Type: StoPanel Classic NEXt with Kawneer 8225TL Window

Series/Model: Hybrid Sto wall with Kawneer 2 lite window Insert

Product Size(s):

Test Specimen #1

OVERALL AREA:	WIDTH		HEIGHT	
	millimeters	inches	millimeters	inches
4.95 m ² (53.3 ft ²)				
Overall size	2032	80	2438	96

Kawneer 8225TL Window:

Frame Construction:

MEMBER	MATERIAL	DESCRIPTION
Unitized Receptor Head	Aluminum	(Part# 225761)
Unitized Receptor Subsill	Aluminum	(Part# 225760)
Unitized Receptor Jamb	Aluminum	(Part# 225762)

	JOINERY TYPE	DETAIL
All corners	Thermally Welded	

Reinforcement: *No reinforcement was utilized.*

Weatherstripping:

DESCRIPTION	QUANTITY	LOCATION
Bulb Weathering (Part # 127074)	1 row	All Members

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Glazing: *No conclusions of any kind regarding the adequacy or inadequacy of the glass in any glazed test specimen(s) can be made.*

GLASS TYPE	SPACER TYPE	INTERIOR LITE	EXTERIOR LITE	GLAZING METHOD
1" IG	5/8" Black TGI w/desiccant	3/16" HS	3/16" HS	Exterior glazed with Dow Corning Instantglaze

LOCATION	QUANTITY	DAYLIGHT OPENING		GLASS BITE
		millimeters	inches	
Frame	2	519 x 1708	20-7/16 x 67-1/4	

Drainage:

METHOD	SIZE	QUANTITY	LOCATION
Weep Solts	1" wide by 1/8" high	2	6" from edges at bottom corners

Hardware: *No hardware was utilized.*

StoPanel Classic NExt Construction:

Stud wall was constructed with 18 GA 2x6 steel studs 16" on center. Glass mat sheathing was attached to the stud wall and coated with the STO gold coat air and moisture barrier. A STO EPS insulation board was adhered with STO adhesive and then a STO mesh and base coat was applied. STO textured finish was applied over STO primer.

SECTION 7 TEST RESULTS

The temperature during testing was 21°C (70°F). The results are tabulated as follows:

TITLE OF TEST	RESULTS	ALLOWED	NOTE
Window Air Leakage, Infiltration per ASTM E283 at 75 Pa (1.57 psf)	0.05 L/s/m ² (0.01 cfm/ft ²)	0.58 L/s/m ² (0.10 cfm/ft ²) max.	1, 2
Window Air Leakage, Exfiltration per ASTM E283 at 75 Pa (1.57 psf)	0.24 L/s/m ² (0.04 cfm/ft ²)	0.58 L/s/m ² (0.10 cfm/ft ²) max.	1, 2

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TITLE OF TEST	RESULTS	ALLOWED	NOTE
Window Air Leakage, Infiltration per ASTM E283 at 300 Pa (6.24 psf)	0.10 L/s/m ² (0.02 cfm/ft ²)	0.58 L/s/m ² (0.10 cfm/ft ²) max.	1, 2
Window Air Leakage, Exfiltration per ASTM E283 at 300 Pa (6.24 psf)	0.48 L/s/m ² (0.08 cfm/ft ²)	0.58 L/s/m ² (0.10 cfm/ft ²) max.	1, 2
Overall Unit Air Leakage, Infiltration per ASTM E283 at 75 Pa (1.57 psf)	0.05 L/s/m ² (0.01 cfm/ft ²)	0.58 L/s/m ² (0.10 cfm/ft ²) max.	1, 2
Overall Unit Air Leakage, Exfiltration per ASTM E283 at 75 Pa (1.57 psf)	0.15 L/s/m ² (0.03 cfm/ft ²)	0.58 L/s/m ² (0.10 cfm/ft ²) max.	1, 2
Overall Unit Air Leakage, Infiltration per ASTM E283 at 300 Pa (6.24 psf)	0.05 L/s/m ² (0.01 cfm/ft ²)	0.58 L/s/m ² (0.10 cfm/ft ²) max.	1, 2
Overall Unit Air Leakage, Exfiltration per ASTM E283 at 300 Pa (6.24 psf)	0.24 L/s/m ² (0.04 cfm/ft ²)	0.58 L/s/m ² (0.10 cfm/ft ²) max.	1, 2
Water Penetration, per ASTM E331 at 479 Pa (10.00 psf)	Pass	No leakage	
Uniform Load Deflection, per ASTM E330 Deflections taken at Mullion +1915 Pa (+40.00 psf) -1915 Pa (-40.00 psf)	9.4 mm (0.37") 8.3 mm (0.33")	10.4 mm (0.41") max. 10.4 mm (0.41") max.	3
Uniform Load Structural, per ASTM E330 Permanent set taken at Mullion +2872 Pa (+60.00 psf) -2872 Pa (-60.00 psf)	0.8 mm (0.03") 0.5 mm (0.02")	10.4 mm (0.41") max. 10.4 mm (0.41") max.	3

Note 1: The tested specimen meets (or exceeds) the performance levels specified in AAMA/WDMA/CSA 101/I.S.2/A440 for air leakage resistance.

Note 2: Test Date 04/26/21 / Time: (Air Note Only)

Note 3: Loads were held for 10 seconds.

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SECTION 8 PHOTOGRAPHS



Photo No. 1
Front of Specimen

TEST REPORT FOR STO CORP.

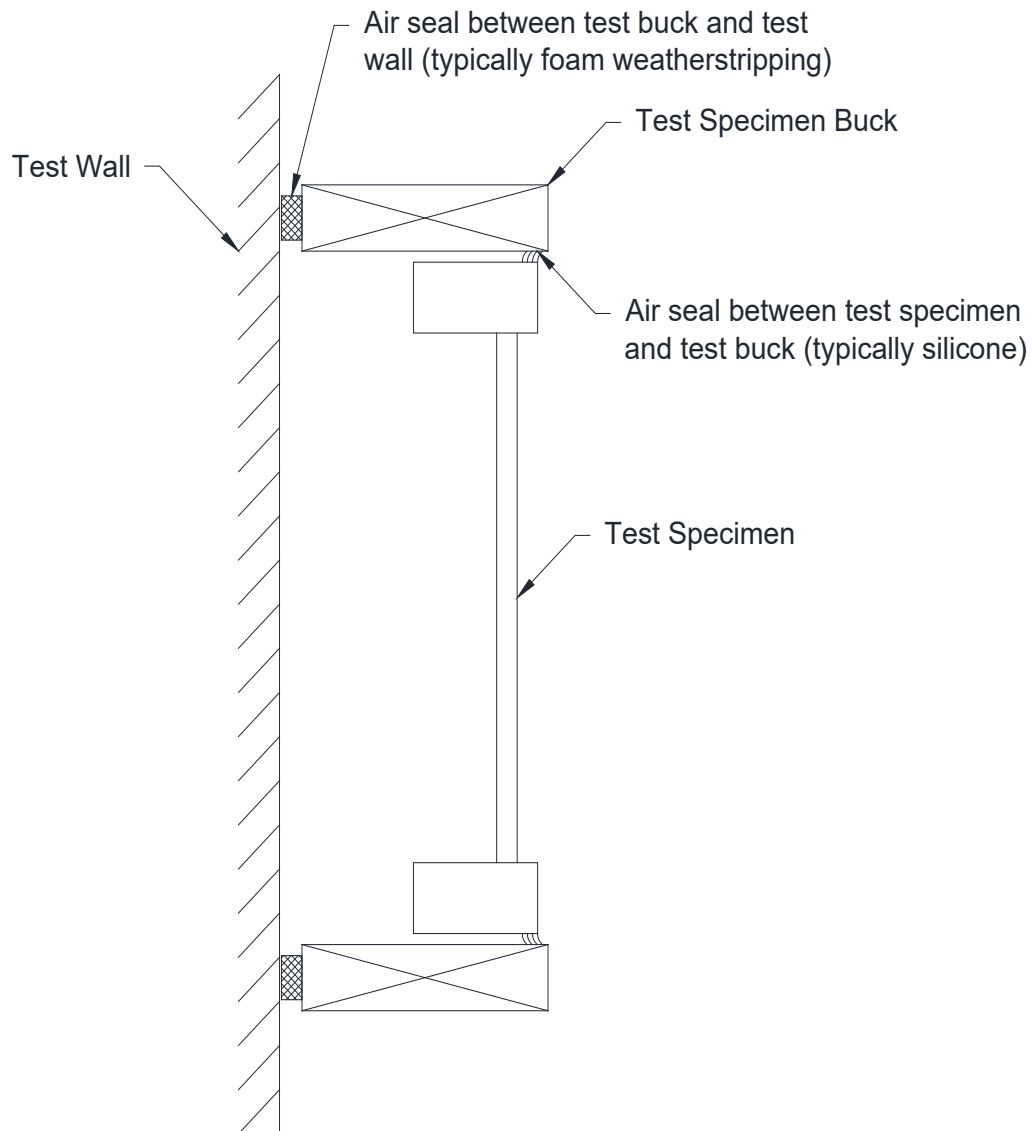
Report No.: M2303.01-550-44 R0

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SECTION 9

LOCATION OF AIR SEAL

The air seal between the test specimen and the test wall is detailed below. The seal is made of foam weatherstripping and is attached to the edge of the test specimen buck. The test specimen buck is placed against the test wall and clamped in place, compressing the weatherstripping and creating a seal.



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SECTION 10 CONCLUSION

The specimen tested successfully met the performance requirements for a **AW40** rating.

SECTION 11 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.

GENERAL NOTES

1. DO NOT ORDER GLASS OR GLAZING MATERIALS EXCEPT FROM THE FINAL ERECTION DRAWINGS UNLESS RECEIVING WRITTEN AUTHORIZATION FROM THE MANUFACTURING FACILITY.

2. KAWNEER COMPANY, INC. WILL ASSUME NO RESPONSIBILITY FOR ERRORS RESULTING FROM THE USE OF THESE DRAWINGS BY OTHER TRADES.

3. THESE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH KAWNEER COMPANY'S QUOTATION OR PER AN ACCEPTED PURCHASE ORDER AND OTHER APPLICABLE CONTRACT DOCUMENTS.

4. FINAL APPROVAL BY THE CUSTOMER CONSTITUTES ACCEPTANCE OF ALL DEVIATIONS TO THE CONTRACT DOCUMENTS MADE BY KAWNEER IN THESE DRAWINGS.

5. LAWS AND BUILDING AND SAFETY CODES GOVERNING THE DESIGN AND USE OF GLAZING ENTRANCE, WINDOW, AND CURTAIN WALL PRODUCTS VARY WIDELY. KAWNEER DOES NOT CONTROL THE SELECTION OF PRODUCT CONFIGURATIONS, OPERATING HARDWARE OR GLAZING MATERIALS AND ASSUMES NO RESPONSIBILITY THERE OF.

6. THESE DRAWINGS REPRESENT KAWNEER'S INTERPRETATION OF THE APPLICATION OF KAWNEER PRODUCTS TO THIS PROJECT IN FUNCTIONAL COMPLIANCE WITH THE ARCHITECT'S DRAWINGS AND SPECIFICATIONS. IT IS IMPORTANT THAT THE INTERPRETATION BE REVIEWED DIMENSIONALLY AND FUNCTIONALLY WITH RESPECT TO ACTUAL ARCHITECT INTENT, INTERFACING CONDITIONS AND MATERIALS, JOB TO SITE CONDITIONS.

7. THESE DRAWINGS SHOULD BE USED IN CONJUNCTION WITH KAWNEER'S PUBLISHED INSTALLATION INSTRUCTIONS.

8. ALL BLOCKING, SHIMMING, AND PERIMETER CAULKING IS NOT BY KAWNEER, UNLESS OTHERWISE NOTED.

9. ALL ITEMS MARKED THUS, "N.B.K." ARE NOT BY KAWNEER, NOT IN KAWNEER'S CONTRACT, AND ARE SHOWN FOR INFORMATION ONLY.

10. ALL GLASS AND GLAZING IS NOT BY KAWNEER. GLASS TO HAVE THICKNESS AS NOTED ON THE ELEVATIONS & GLAZING DETAILS.

11. REQUEST FOR REVISION AFTER KAWNEER COMPANY HAS BEEN AUTHORIZED TO FABRICATE WILL BE SUBJECT TO A HANDLING CHARGE PLUS THE COST OF ANY FABRICATED MATERIALS.

12. A BITUMINOUS PAINT/INIC CHROMATE OR AN EQUAL SEPARATION MATERIAL IS REQUIRED WHEN ALUMINUM COMES IN CONTACT WITH STEEL OR OTHER DISSIMILAR MATERIALS.

13. ALL ITEMS LABELED "STRUCTURAL BLOCKING", OR "STRUCTURAL WOOD BLOCKING" ARE NOT BY KAWNEER AND MUST BE SECURED IN SUCH A MANNER AS TO RESIST BENDING OF THE PERIMETER FASTENERS.

14. KAWNEER COMPANY, INC. ASSUMES NO RESPONSIBILITY AND WILL BEAR NO COSTS RELATED WITH THE REORDERING OF INCORRECT MATERIALS PRIOR TO SHOP DRAWINGS BEING

SEALANT NOTES

1. KAWNEER COMPANY, INC DOES NOT CONTROL THE SELECTION OF SEALANTS OR CAULKING, AND ASSUMES NO RESPONSIBILITY THEREOF. IT IS THE RESPONSIBILITY OF THE ARCHITECT, THE INSTALLER AND THE SEALANT MANUFACTURER TO MAKE THESE SELECTIONS BASED ON THE CONDITIONS SHOWN ON THESE SHOP DRAWINGS.

2. ALL SEALANTS AND CAULKING SHOWN ON THESE SHOP DRAWINGS ARE NOT BY KAWNEER, UNLESS OTHERWISE NOTED ON THESE SHOP DRAWINGS OR THE INSTALLATION INSTRUCTIONS.

3. ALL RECOMMENDED HEEL BEADS, TOE BEADS AND CAP BEADS SHOWN IN THESE SHOP DRAWINGS SHOULD BE APPLIED AND TOOLED WATER TIGHT PER THE SEALANT OR CAULKING MANUFACTURER'S RECOMMENDATIONS AS TO SIZE AND COMPATIBILITY WITH ADJACENT MATERIALS.

4. ALL GASKETS ARE TO BE THOROUGHLY SEALED AND MADE WATER TIGHT AT BUTT JOINTS AND INTERSECTIONS USING A SKINNING NON-HARDENING SEALANT AS RECOMMENDED BY THE SEALANT MANUFACTURER.

5. ALL METAL TO METAL BUTT JOINTS, OVERLAPS AND INTERSECTIONS ARE TO BE SEALED WATER TIGHT.

6. ALL PERIMETER CAULKING IS TO BE APPLIED AND TOOLED PER THE SEALANT MANUFACTURER'S RECOMMENDATIONS.

7. SPECIAL SEALANT INSTRUCTIONS: _____

NOTE TO ARCHITECT, GENERAL CONTRACTOR & KAWNEER CUSTOMER

PLEASE VERIFY ALL OPENING, REFERENCE, & ANCHOR LOCATION DIMENSIONS. ALSO PLEASE VERIFY STRUCTURAL INTEGRITY OF ALL SURROUNDING CONDITIONS. KAWNEER WILL ASSUME THE DRAWINGS ARE CORRECT AS DRAWN IF THE ABOVE NOTES & SIMILAR NOTES THROUGHOUT THE JOB ARE NOT ADDRESSED ON RETURNED MARKED-UP DRAWINGS.

CORRECTIVE WORK POLICY

BEFORE YOU BEGIN ANY CORRECTIVE WORK, YOU MUST CONTACT YOUR SALES REPRESENTATIVE. GIVE THE REPRESENTATIVE THE DETAILS OF THE PROBLEM ALONG WITH YOUR RECOMMENDATIONS ON THE CORRECTIVE REQUIREMENTS. YOUR RECOMMENDATIONS SHOULD ALSO INCLUDE AN ESTIMATE OF THE COST. ONCE THIS INFORMATION HAS BEEN RECEIVED, ALTERNATIVE COURSES OF ACTION WILL BE REVIEWED WITH OTHER INTERNAL PERSONNEL AND PROVIDE YOU WITH AUTHORIZATION IF YOU ARE TO PERFORM THE REWORK. THEN AND ONLY THEN CAN SUCH REWORK BE UNDERTAKEN.

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SILICONE GLAZING NOTE

THE INSTALLER IS RESPONSIBLE FOR SELECTING AND CONTACTING THE SILICONE MANUFACTURER TO DETERMINE WHICH TYPE OF SILICONE IS TO BE USED AND WHAT SAMPLES ARE REQUIRED TO BE SUBMITTED FOR ADHESION AND COMPATIBILITY TESTING. THE SILICONE SEALANT SHALL NOT BE APPLIED TO KAWNEER PRODUCTS WITHOUT APPROVAL OF THE SILICONE MANUFACTURER AND UNTIL ALL REQUIRED TESTING IS COMPLETED AND DETAILED APPLICATION INSTRUCTIONS HAVE BEEN DELIVERED BY THE SILICONE MANUFACTURER TO THE INSTALLER. IF YOU FIND THE SILICONE MANUFACTURER'S INSTALLATION INSTRUCTIONS ARE NOT IN ACCORDANCE WITH KAWNEER'S INSTALLATION INSTRUCTIONS, IT IS YOUR RESPONSIBILITY TO NOTIFY KAWNEER OF THIS CONFLICT PRIOR TO GLAZING. YOUR GLASS SUPPLIER MUST BE MADE AWARE THAT THEIR GLASS WILL BE USED IN A SSG APPLICATION. THE APPLICATION MUST BE APPROVED BY THE GLASS SUPPLIER PRIOR TO GLAZING. FOR ANY STRUCTURAL SILICONE GLAZED PRODUCT APPLICATION THAT IS NOT SHOWN IN KAWNEER'S STANDARD PRODUCT LITERATURE, THE APPLICATION MUST BE PRE-APPROVED BY KAWNEER.

S.O.	PRODUCTS	INSTALLATION INSTRUCTIONS
	8225TL WINDOW	225990EN ADD

INSTALLATION INSTRUCTIONS FOR WALL PRODUCTS SHOULD BE INCLUDED WITH 1ST APPROVAL RELEASE SHOP DRAWINGS. FOR INSTRUCTIONS NOT INCLUDED, THEY SHOULD BE DOWNLOADED FROM OUR WEBSITE AT: WWW.KAWNEERDIRECT.COM.

SYSTEM DESCRIPTION

8225TL SEALAIR FIXED WINDOW WILL HAVE 3 1/2" NOMINAL SIGHTLINES AND 2 1/4" OVERALL DEPTH. GLASS STOPS AND GLAZING MATERIALS ARE INCLUDED FOR INSIDE GLAZING OF 1" INFILL BY KAWNEER. UNITS WILL BE FACTORY FABRICATED, ASSEMBLED AND SHIPPED FULLY GLAZED. HARDWARE AND ACCESSORIES ARE INCLUDED AS SPECIFIED IN THE WINDOW HARDWARE SCHEDULE.

DESIGN CRITERIA DESIGN LOADS DETERMINED PER:

(WALLS)

MEAN BUILD'G HT. (FT.): _____
 EXPOSURE CATEGORY: _____
 WINDSPEED (MPH): _____
 IMPORTANCE FACTOR: _____
 BUILDING CATEGORY: _____
 INTERNAL PRESS. COEFF.: _____
 TOPOGRAPHIC FACTOR: _____

WIND PRESSURES:
 WINDLOAD: 40 PSF (POSITIVE)
 WINDLOAD: 40 PSF (NEGATIVE)
 WINDLOAD: 40 PSF (NEGATIVE AT CNR.)
 DEFLECTION: L/175 < 13'-6"

LOADS AND REACTIONS ARE BASED ON AN ALLOWABLE STRESS DESIGN METHODOLOGY. (ASD)

FINISH

#17 CLEAR (AA-M12 C22 A31)
 #40 DARK BRONZE (AA-M10 C22 A42 OR A44)
 #25 BLACK (AA-M10 C22 A42 OR A44)
 OTHER _____
 NOTE: PLEASE SUPPLY FINISH

GLAZING SCHEDULE

V1 = 1" INFILL
 3/16" CLEAR HS W/ SOLAR BAN 60 ON #2
 5/8" BLACK TGI SPACER W/ DESSICANT
 3/16" CLEAR HEAT STRENGTHENED

SPECIAL GLASS SIZE NOTE: REFER TO GLAZING DETAILS AND OTHER DETAILS FOR INFILL FORMULAS AND OTHER PERTINENT INFORMATION.

DRAWN FROM

ARCH. SHEETS:	REV. NO.	DATE
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REVISIONS

NO.	DESCRIPTION	BY	DATE
A	REVISED TOTAL SHEETS & INFILL DESCRIPTION	MGH	02/JUN/21
B	REVISED WINDLOADS	MGH	29/JUN/21

PRINTS ISSUED FOR

NO.	SUBMISSION	DATE
1	1ST APPROVAL	12/APR/21
B	REFERENCE	29/JUN/21

CUSTOMER APPROVAL

APPROVED RESUBMIT
 CUSTOMER _____
 BY _____ TITLE _____



2031 DEYERLE AVENUE
 HARRISONBURG, VA 22801
 PHONE (540) 433-2711

DRAWN BY: MARK HENSLEY CHECKED BY: _____
 APPLICATION ENGINEER: ROB JEZIOR PROJECT MANAGER: _____

PROJECT NAME: STO RECEPTOR PROJECT - WATER TEST

QUOTE # _____ P.O. # _____

LOCATION: _____

ARCHITECT: _____

CUSTOMER: _____ SHT. # 001

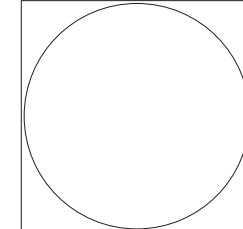
JOB PROFILE NO.: STO Receptor DRAFTING # _____

TOTAL 010

intertek Total Quality Assurance
 Report #: M2303-550-44
 Date: 07/06/21
 Verified by: *[Signature]*

ARCHITECT, G.C. & CUSTOMER NOTE:
 ALL DIMENSIONS, ELEVATION CONFIGURATIONS, QUANTITIES, BUILDING CONDITIONS, DETAILS, AND HARDWARE ARE TO BE FIELD VERIFIED PRIOR TO ORDERING GLASS OR FABRICATING ANY MATERIAL. KAWNEER WILL NOT BE RESPONSIBLE FOR ANY COST OF REPLACEMENT OR LABOR DUE TO DISCREPANCIES INCURRED FROM APPROVED SHOP DRAWINGS.

STO RECEPTOR WATER TEST REFERENCE



DRAWING INDEX
 SHTS. 001-007 = LEAD SHEET, ACCESSORIES, GLAZING DETAILS, DOOR HDWE.
 SHTS. 100-100 = ELEVATIONS
 SHTS. 200-200 = HORIZONTAL DETAILS
 SHTS. 300-300 = VERTICAL DETAILS

JOB NAME: STO RECEPTOR PROJECT - WATER TEST

PROFILE #: STO Receptor

A REVISED PER REQUEST

SHT.	DESCRIPTION
001	REVISED TOTAL SHEETS & INFILL DESCRIPTION
002	ADDED REVISION SUMMARY A
003	ADDED BILL OF MATERIALS
004	ADDED THIS SHEET
005	ADDED THIS SHEET
006	ADDED THIS SHEET
007	ADDED THIS SHEET
100	NO REVISIONS THIS SHEET
200	NO REVISIONS THIS SHEET
300	NO REVISIONS THIS SHEET

B REVISED PER REQUEST

SHT.	DESCRIPTION
001	REVISED WINDLOADS
002	ADDED REVISION SUMMARY B
003	NO REVISIONS THIS SHEET
004	NO REVISIONS THIS SHEET
005	NO REVISIONS THIS SHEET
006	NO REVISIONS THIS SHEET
007	NO REVISIONS THIS SHEET
100	ADDED INTERMEDIATE VERTICAL
200	ADDED WEEP NOTE, REVISED FASTENER DESCRIPTION
300	ADDED DETAIL 2, REVISED FASTENER DESCRIPTION

C REVISED PER

SHT.	DESCRIPTION
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D REVISED PER

SHT.	DESCRIPTION
------	-------------

DRAWN
MARK HENSLEY
KAWNEER USE ONLY

DATE	BY	REVISION
02/JUN/21	MGH	B
02/JUN/21	MGH	A

E REVISED PER

SHT.	DESCRIPTION
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F REVISED PER

SHT.	DESCRIPTION
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G REVISED PER

SHT.	DESCRIPTION
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H REVISED PER

SHT.	DESCRIPTION
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DATE	DESCRIPTION
28/JUN/21	REFERENCE
12/APR/21	1ST APPROVAL
	PRINTS ISSUED FOR

DATE	DESCRIPTION
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KAWNEER
 HARRISONBURG, VA
STO RECEPTOR
 WATER TEST

DRAWING:
02-002
PROFILE:
SHT: 002

GENERAL SUMMARY NOTES:

- * PLEASE ADDRESS ALL NOTES REQUESTING VERIFICATION OR MORE INFORMATION, PRIOR TO RELEASE TO TAKE-OFF OR FINAL REFERENCE ON STOCKLENGTH ORDERS.
- * PLEASE VERIFY STRUCTURAL ADEQUACY OF THE SUPPORTIVE STRUCTURE WHERE ANCHORAGE IS CONCERNED, USING LOADS SHOWN ON DRAWINGS.
- * PLEASE VERIFY ALL DIMENSIONS, ESPECIALLY THOSE NOTED FOR ARCHITECT VERIFICATION.



Report #: M2303-550-44
 Date: 07/06/21
 Verified by: *[Signature]*

8225TL WINDOW	
FRAME CONSTRUCTION <input type="checkbox"/> SCREW SPLINE <input type="checkbox"/> CES (V.P. AND H.P. ONLY) <input type="checkbox"/> OTHER	WINDOW CONSTRUCTION <input type="checkbox"/> C.E.S. <input type="checkbox"/> OTHER
VISION GLAZING <input type="checkbox"/> INSIDE GLAZED <input type="checkbox"/> OTHER <input type="checkbox"/> FIELD GLAZED <input checked="" type="checkbox"/> SHOP GLAZED	SPANDREL GLAZING <input type="checkbox"/> INSIDE GLAZED <input type="checkbox"/> OUTSIDE GLAZED (STD) <input checked="" type="checkbox"/> GLASS BY KAWNEER <input type="checkbox"/> GLASS NOT BY KAWNEER
LOCKING/OPERATING HARDWARE FINISH <input type="checkbox"/> #17 (STD.) <input type="checkbox"/> OTHER	
WINDOW ACCESSORIES <input type="checkbox"/> GLAZING MATERIAL <input type="checkbox"/> PERIMETER FASTENERS <input type="checkbox"/> PERIMETER DRILLING <input type="checkbox"/> FRAME DRILLING <input type="checkbox"/> ANCHORS <input checked="" type="checkbox"/> RECEPTOR	
<input type="checkbox"/> BRAKES <input type="checkbox"/> MULLIONS <input type="checkbox"/> OTHER	
<input type="checkbox"/> S/L (STD) <input type="checkbox"/> S/L (STD)	
<input type="checkbox"/> C.T.S.(OPT) <input type="checkbox"/> C.T.S.(OPT)	
<input type="checkbox"/> S/L(STD) <input checked="" type="checkbox"/> C.T.S.(OPT)	

BILL OF MATERIALS
 SEE SHEETS 004-007 FOR PART INFORMATION
 127074 BULB WEATHERING
 027889 SETTING BLOCK
 127186 GLAZING TAPE
 225564 UNITIZED CAULK STOP
 224063 GLASS STOP
 224031 REVERSIBLE FRAME
 224131 REVERSIBLE FRAME P&D
 225563 UNITIZED RECEPTOR CLIP
 225564 UNITIZED CAULK STOP
 225560 UNITIZED RECEPTOR SUBSILL
 225760 UNITIZED RECEPTOR SUBSILL P&D
 225561 UNITIZED RECEPTOR HEAD
 225761 UNITIZED RECEPTOR HEAD P&D
 225562 UNITIZED RECEPTOR JAMB
 225762 UNITIZED RECEPTOR JAMB P&D

DRAWN MARK HENSLEY KAWNEER USE ONLY	
DATE	BY
MGH 20/JUN/21	MGH
NO	A
NO	B
NO	C
NO	D
NO	E
NO	F
NO	G
NO	H
NO	I
NO	J
NO	K
NO	L
NO	M
NO	N
NO	O
NO	P
NO	Q
NO	R
NO	S
NO	T
NO	U
NO	V
NO	W
NO	X
NO	Y
NO	Z

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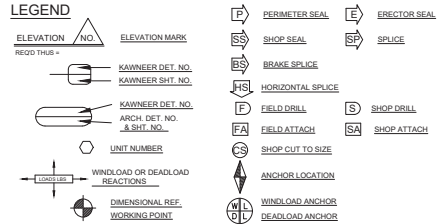
ERECTION ABBREVIATIONS

A - ADAPTOR AA - ANGLE AB - ANCHOR BACKUP AF - ASSEMBLED FRAME AL - ANCHOR LUG ALB - ALUMINUM BAR ALT - ALUMINUM TUBE AM - APPLIED MUNTIN AMI - INTR. APPLIED MUNTIN AN - ANCHOR AP - ACCESS PANEL AR - ANCHOR RAIL AS - AIR SEAL AW - ALUMINUM WASHER B - BEAD BA - BACK PAN ADAPTER BAL - BALANCE BE - S.G. BAFFLE BF - BEAD FRONT BH - BOTTOM RAIL BL - BLINDS BP - BACK PAN BPP - BI-PART PULL HANDLE BR - BRAKE C - COVER CA - CAP CC - CORNER COVER CF - CAN FILLER CH - CHANNEL CL - CLIP CM - COUPLING MULLION CP - COPING CR - CONNECTING ROD CRP - COMPRESSION RING PKG. DA - DOOR ADAPTER DE - DRIP EDGE DIR - DROP IN RAIL DR - JACK RAFTER DS - DOOR STOP EC - CAP F - FRAME MEMBER FA - F ANCHOR FI - FILLER FJ - FIXED JAMB FJS - FRAME JAMB STOP FL - FLASHING FP - FACE PANEL FS - FASCIA G - GUTTER GB - GLAZING BEAD GK - GASKET GP - GUSSET PLATE	GR - GLASS RETAINER MR - RIGHT HAND MULLION H - HORIZONTAL HA - HIP ADAPTER HB - HORIZ. GLASS BEAD HC - HORIZ. COVER HD - HEAD HDR - HEAD RECEPTOR HF - HIP FLASHING HG - HINGE HGS - HORIZ. GLASS STOP HHR - HEAVY HEAD RECEPTOR HIP - HIP HK - HEAD TRACK HN - HEAD CAN HP - HORIZ. PRESSURE PLATE HPP - HIP PRESSURE PLATE HR - HAND RAIL HRC - HAND RAIL COVER HRS - HEAD RECEPTOR STOP HT - HORIZ. TRIM HTC - HEAD TRACK CAP HTF - HEAD TRACK FILLER HTR - HEAD TRACK RECEPTOR HTS - HEAD TRACK STOP I - INSERT IB - INTERIOR BASE IC - INTERIOR COVER IH - INTERIOR HORIZONTAL IM - INTERIOR MULLION IS - INTERLOCK STILE IT - INTERIOR TRIM J - JAMB JR - JAMB ADAPTER JC - JAMB CHANNEL JO - JOINT PLUG JP - JAMB PRESS. PLATE JR - JACK RAFTER JRC - JACK RAFTER COVER JRP - JACK RAFTER P. PLATE JRS - JACK RAFTER SHEAR BLK. LA - LATCH STILE LI - LIGHTSHELF LJ - LOCK JAMB LS - LOCK STILE LST - LEFT STILE LV - LOUVER M - MULLION MB - SCREEN MUNTIN BAR MC - CORNER MULLION MI - MULLION INTERLOCK ML - LEFT HAND MULLION	MP - INTERMEDIATE PURLIN MR - RIGHT HAND MULLION OR - OUTRIGGER P - PURLIN PB - PURLIN PRESS. PLATE PC - PEAK COVER PF - POCKET FILLER PH - PIANO HINGE PL - PLATE PM - PERIMETER MUNTIN PN - PANEL PNH - PANNING HEAD PNL - PANNING LEFT JAMB PNR - PANNING RIGHT JAMB PNS - PANNING SILL PP - PRESSURE PLATE PR - PERIMETER PSH - PAINTED SCREEN HINGE PT - SG PURLIN TRIM R - VENT RAIL RA - RAFTER RAA - RAFTER ADAPTER RAS - RIDGE AIRSEAL RB - RECEPTOR BASE RC - RAFTER COVER RE - REINFORCEMENT RF - RIDGE FLASHING RGA - REVERSE GLAZING ADAPT. RL - RAIL RM - RAMP RP - RAFTER PRESS. PLATE RPA - REVERSE PROJ. ADAPTER RR - RIDGE RAFTER RRC - RIDGE RAFTER COVER RRP - RIDGE RAFTER P. PLATE RS - RECEPTOR STOP RST - RIGHT STILE S - SILL SA - SILL ADAPTER SB - SECONDARY BEAD SC - SCREENS SCB - SCREEN BOTTOM SCH - SILL CHAIR SCL - SCREEN LEFT SCR - SCREEN RIGHT SCT - SCREEN TOP SF - SILL FLASHING SH - SHEAR BLOCK SK - SILL TRACK SL - SLEEVE SN - SILL CAN SO - STIOL	SP - SPLICE SR - SECONDARY RAIL SS - SASH STOP SSH - SUNSHADE SST - STAINLESS STEEL TRACK ST - STEEL STC - SILL TRACK CAP STR - SILL TRACK FILLER STR - SILL TRACK RECEPTOR STS - SILL TRACK STOP SW - STEEL WASHER T - TRANSOM TA - T ANCHOR PNR - PANNING RIGHT JAMB PNS - PANNING SILL PP - PRESSURE PLATE PR - PERIMETER PSH - PAINTED SCREEN HINGE PT - SG PURLIN TRIM R - VENT RAIL RA - RAFTER RAA - RAFTER ADAPTER RAS - RIDGE AIRSEAL RB - RECEPTOR BASE RC - RAFTER COVER RE - REINFORCEMENT RF - RIDGE FLASHING RGA - REVERSE GLAZING ADAPT. RL - RAIL RM - RAMP RP - RAFTER PRESS. PLATE RPA - REVERSE PROJ. ADAPTER RR - RIDGE RAFTER RRC - RIDGE RAFTER COVER RRP - RIDGE RAFTER P. PLATE RS - RECEPTOR STOP RST - RIGHT STILE S - SILL SA - SILL ADAPTER SB - SECONDARY BEAD SC - SCREENS SCB - SCREEN BOTTOM SCH - SILL CHAIR SCL - SCREEN LEFT SCR - SCREEN RIGHT SCT - SCREEN TOP SF - SILL FLASHING SH - SHEAR BLOCK SK - SILL TRACK SL - SLEEVE SN - SILL CAN SO - STIOL
--	--	--	---

Intertek Report #: M2303-550-44
 Date: 07/06/21
 Verified by: *[Signature]*

SHOP DRAWING ABBREVIATIONS

A.R. = ARCH. REFERENCE	O.D. = OPENING/OVERALL DIMENSION
B.O.H. = BOT. OF HORIZONTAL	P.H. = PANEL HEIGHT
CL = CENTER LINE	P.W. = PANEL WIDTH
C.O. = CLEAR OPENING	R.D. = REFERENCE DIMENSION
C.S. = CASTER SPACING	R.L. = RAFTER LENGTH
D.O. = DAY LIGHT OPENING	R.O. = ROUGH OPENING
DL = DEADLOAD	R.S. = REMOVABLE SECTION
D.O. = DOOR OPENING	S.A. = STACK AREA
D.S. = DOOR SIZE	S.L. = STOCK LENGTH
F.H. = FRAME HEIGHT	T.C. = TRACK CHASE
F.W. = FRAME WIDTH	T.L. = TRACK LENGTH
I.S. = INFILL SIZE	T.O.H. = TOP OF HORIZONTAL
M.H. = MULLION HEIGHT	W.D. = WINDOW DIMENSION
M.L. = MULLION LENGTH	W.L. = WINDLOAD
NBK = NOT BY KAWNEER	W.P. = WORKING POINT
O.C. = ON CENTER	

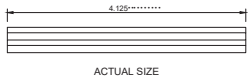


Printed: Jun 29, 2021 - 3:11pm

DATE	REFERENCE	PRINTS ISSUED FOR
29/JUN/21	12/APR/21	1ST APPROVAL

KAWNEER
 HARRISBURG, PA.
STO RECEPTOR
 WATER TEST

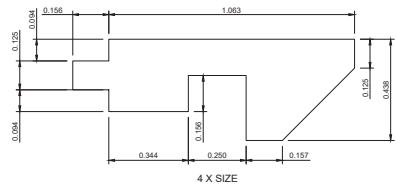
DRAWING: 02-003
 PROFILE:
 SHT: 003



ACTUAL SIZE



ACTUAL SIZE



4 X SIZE

MATERIAL SPECIFICATIONS

Table with material specifications: MATERIAL DUROMETER = EPDM, SHORE = 5, COLOR = BLACK, AREA = 0.322, HEIGHT = 10, WIDTH = 2, LENGTH = 10, etc.

*SIF FOLLOWING THE 6 DIGIT PART NUMBER INDICATES MATERIAL TO BE BLACK SILICONE, 85 +5/-10 DUROMETER, SHORE A.

Table with part information: Part # 127889, Description SETTING BLOCK, Rev 004, Date 12/17/2019.

Table with part information: Part # 027889, Description CONFIDENTIAL AND PROPRIETARY INFORMATION KAWNEER COMPANY INC.

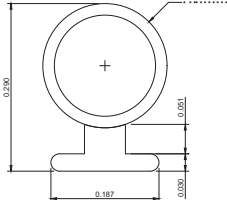
Table with material specifications: MATERIAL DUROMETER = EPDM, SHORE = 5, COLOR = BLACK, AREA = 0.322, HEIGHT = 10, WIDTH = 2, LENGTH = 10, etc.

TOLERANCE = ASTM C864

*SIF FOLLOWING THE 6 DIGIT PART NUMBER INDICATES MATERIAL TO BE BLACK SILICONE, 85 +5/-10 DUROMETER, SHORE A.

Table with part information: Part # 127889, Description SETTING BLOCK, Rev 004, Date 12/17/2019.

VENDOR: ULTRA FAB
1050 HOOK RD.
FARMINGTON, NY 14425
TEL: 716-654-2185



10 X SIZE

MATERIAL SPECIFICATIONS

Table with material specifications: MATERIAL #1 = POLYPROPYLENE, DUROMETER = N/A, SHORE = A, COLOR = NATURAL, AREA = NATURAL, etc.

ACTUAL SIZE

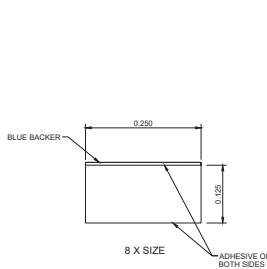
Table with part information: Part # 127074, Description .215 BULB WEATHERING, Rev 004, Date 12/17/2019.

Table with part information: Part # 224063, Description 8225TL THERMAL WINDOW, Rev 286, Date 03/31/2019.

Table with material specifications: MATERIAL = Aluminum 6063 T6, FINISH CODE(S) = STANDARD FINISHES, QIS PER = 0.021, PNT PER = 1.749, etc.

Table with part information: Part # 224063, Description 8225TL THERMAL WINDOW, Rev 286, Date 03/31/2019.

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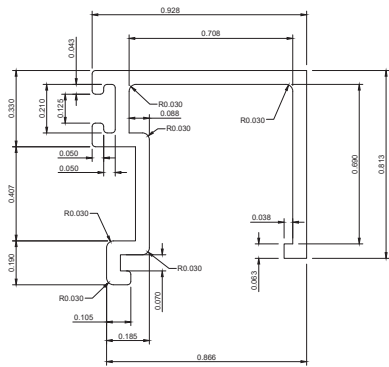
8 X SIZE

MATERIAL SPECIFICATIONS

Table with material specifications: MATERIAL = CLOSED CELL FOAM, DUROMETER = 0, SHORE = N/A, COLOR = BLACK, SPACE DIMENSION = 0.060, HEIGHT = 0.250, WIDTH = 0.125, etc.

ACTUAL SIZE SCALE 1

Table with part information: Part # 127186, Description 250X.125 GLZG TAPE (20-0700), Rev 004, Date 12/17/2019.



4 X SIZE

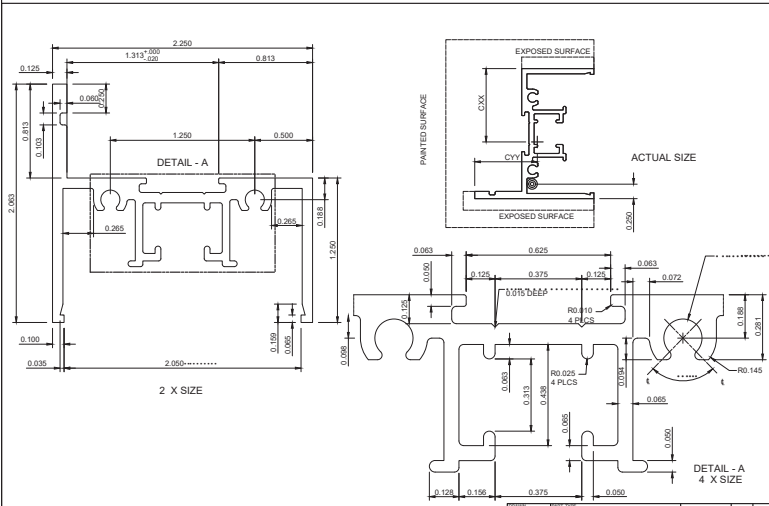
Table with part information: Part # 224063, Description 8225TL THERMAL WINDOW, Rev 286, Date 03/31/2019.

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Intertek Report #: M2303-550-44 Date: 07/06/21 Verified by: [Signature]

DRAWING: 02-004 PROFILE: SHT: 004

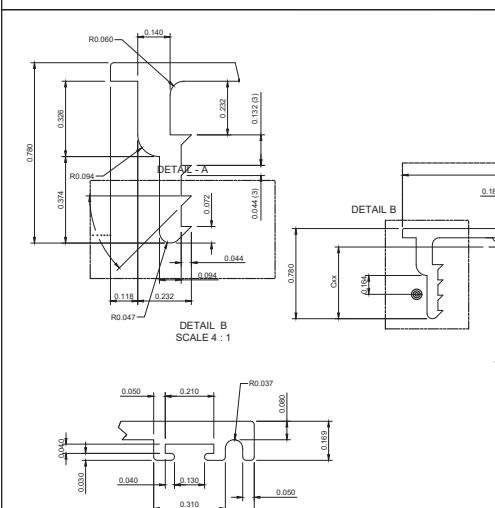
Pictfed: Jun 29, 2021 - 3:11pm



224031	B
CONFIDENTIAL AND PROPRIETARY INFORMATION KAWNEER COMPANY INC	
MATERIAL = Aluminum 6063-T6	
FINISH CODE(S) = STANDARD FINISHES	
DIMS. PER = 16.153	
FNT. PER. = 6.943	
EXP. PER. = 5.5	
SSG PER. = 0	
AREA = 0.704	
MASS = 0.827	
IWX = 0.464	
Cxx = 1.269	
Sxx = 0.366	
Iyy = 0.124	
Cyy = 1.083	
Syy = 0.115	
TYP. WALL = 0.09	
TYP. RADII = 0.02	
TYP. DR. CNR = 0.015	
SPECIFICATION: EXTRUSION QUALITY PLAN HOMS 15-Q01	
TOLERANCE: CURRENT EDITION OF "A.I. ALUMINUM STANDARDS AND DATA" TOLERANCES TO APPLY UNLESS OTHERWISE NOTED.	

REV.	REV. TYPE	DESCRIPTION	DATE
REV.	00001	EXTRUSION	8/31/2019
REV.	24/0005	8225TL THERMAL WINDOW	12/01/2020
REV.	CRN	7225/8225TL REVERSIBLE FRAME	286
REV.	RAC	KAWNEER	
REV.	RDH		
REV.	AS NOTED	NORCROSS, GA - NPD	

REV.	REV. TYPE	DESCRIPTION <td>DATE</td>	DATE
REV.	00001	EXTRUSION	8/31/2019
REV.	24/0005	8225TL THERMAL WINDOW	12/01/2020
REV.	CRN	7225/8225TL REVERSIBLE FRAME	286
REV.	RAC	KAWNEER	
REV.	RDH		
REV.	AS NOTED	NORCROSS, GA - NPD	

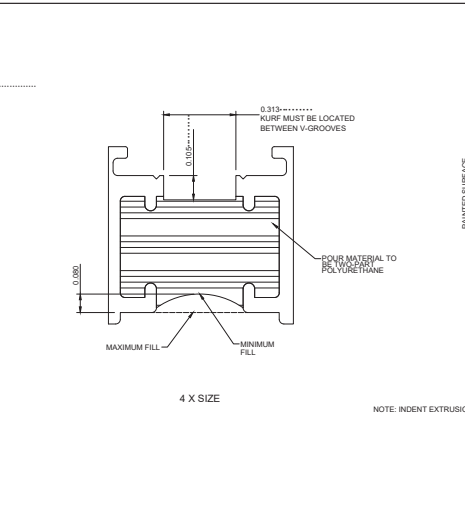


225563	-
CONFIDENTIAL AND PROPRIETARY INFORMATION KAWNEER COMPANY INC	
MATERIAL = Aluminum 6063-T6	
FINISH CODE(S) = STANDARD FINISHES	
DIMS. PER = 16.153	
FNT. PER. = 6.943	
EXP. PER. = 5.5	
SSG PER. = 0	
AREA = 0.704	
MASS = 0.827	
IWX = 0.464	
Cxx = 1.269	
Sxx = 0.366	
Iyy = 0.124	
Cyy = 1.083	
Syy = 0.115	
TYP. WALL = 0.09	
TYP. RADII = 0.02	
TYP. DR. CNR = 0.015	
SPECIFICATION: EXTRUSION QUALITY PLAN HOMS 15-Q01	
TOLERANCE: CURRENT EDITION OF "A.I. ALUMINUM STANDARDS AND DATA" TOLERANCES TO APPLY UNLESS OTHERWISE NOTED.	

REV.	REV. TYPE	DESCRIPTION	DATE
REV.	00001	EXTRUSION	8/29/2020
REV.	312/0020	8225TL THERMAL WINDOW	12/01/2020
REV.	CRN	UNITIZED RECEPTOR CLIP	286
REV.	TAD	KAWNEER	
REV.	AS NOTED	NORCROSS, GA - NPD	

REV.	REV. TYPE	DESCRIPTION <td>DATE</td>	DATE
REV.	00001	EXTRUSION	8/29/2020
REV.	312/0020	8225TL THERMAL WINDOW	12/01/2020
REV.	CRN	UNITIZED RECEPTOR CLIP	286
REV.	TAD	KAWNEER	
REV.	AS NOTED	NORCROSS, GA - NPD	

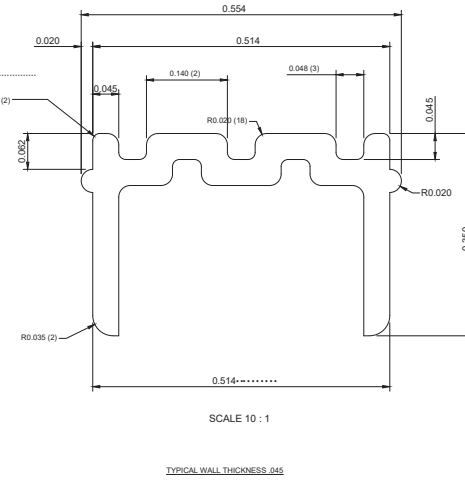
Report #: M2303-550-44
Date: 07/06/21
Verified by: *[Signature]*



224131	B
CONFIDENTIAL AND PROPRIETARY INFORMATION KAWNEER COMPANY INC	
MATERIAL = Aluminum 6063-T6	
FINISH CODE(S) = STANDARD FINISHES	
DIMS. PER = 16.153	
FNT. PER. = 6.943	
EXP. PER. = 4.488	
SSG PER. = 0	
AREA OF ALUM. = 0.67289492	
AREA OF URETHANE (AU) = 0.20620304	
MASS OF ALUM. = 0.79482685	
MASS OF URETHANE = 0.17695004	
MASS TOTAL = 0.97187689	
I01 = 0	
I02 = 0.031	
I0 = 1.541	
C11 = 0.313	
C12 = 0.696	
C21 = 0.973	
C22 = 0.396	
Dc = 0.488	
D = 0.438	
H = 0.313	
Ne = 0.59	
G = 30000	
H = 2.25	
ALLOWABLE SHEAR FLOW (a) = 0.8 lbs/in	

REV.	REV. TYPE	DESCRIPTION	DATE
REV.	00001	EXTRUSION	8/31/2019
REV.	24/0005	8225TL THERMAL WINDOW	12/01/2020
REV.	CRN	7225/8225TL REVERSIBLE FRAME	286
REV.	RAC	KAWNEER	
REV.	RDH		
REV.	AS NOTED	NORCROSS, GA - NPD	

REV.	REV. TYPE	DESCRIPTION <td>DATE</td>	DATE
REV.	00001	EXTRUSION	8/31/2019
REV.	24/0005	8225TL THERMAL WINDOW	12/01/2020
REV.	CRN	7225/8225TL REVERSIBLE FRAME	286
REV.	RAC	KAWNEER	
REV.	RDH		
REV.	AS NOTED	NORCROSS, GA - NPD	



225564	-
CONFIDENTIAL AND PROPRIETARY INFORMATION KAWNEER COMPANY INC	
MATERIAL = ABS Plastic	
FINISH(S) CODE = BLACK	
WEIGHT = 0.07	
INITIAL VENDOR INFORMATION	
VENDOR = AMESBURY	
PART NUMBER = PP5660	
PROPRIETARY = NO	
LENGTH = .252	

REV.	REV. TYPE	DESCRIPTION	DATE
REV.	00001	EXTRUSION	8/29/2020
REV.	477/2020	8225TL THERMAL WINDOW	12/01/2020
REV.	CRH	UNITIZED RECEPTOR CAULK STOP	286
REV.	TAD	KAWNEER	
REV.	AS NOTED	NORCROSS, GA - NPD	

REV.	REV. TYPE	DESCRIPTION <td>DATE</td>	DATE
REV.	00001	EXTRUSION	8/29/2020
REV.	477/2020	8225TL THERMAL WINDOW	12/01/2020
REV.	CRH	UNITIZED RECEPTOR CAULK STOP	286
REV.	TAD	KAWNEER	
REV.	AS NOTED	NORCROSS, GA - NPD	

DATE	BY	REVISION
MGH 20/JUN/21	MGH	B NO REVISIONS THIS SHEET
MGH 02/JUN/21	MGH	A ADDED THIS SHEET
		NO

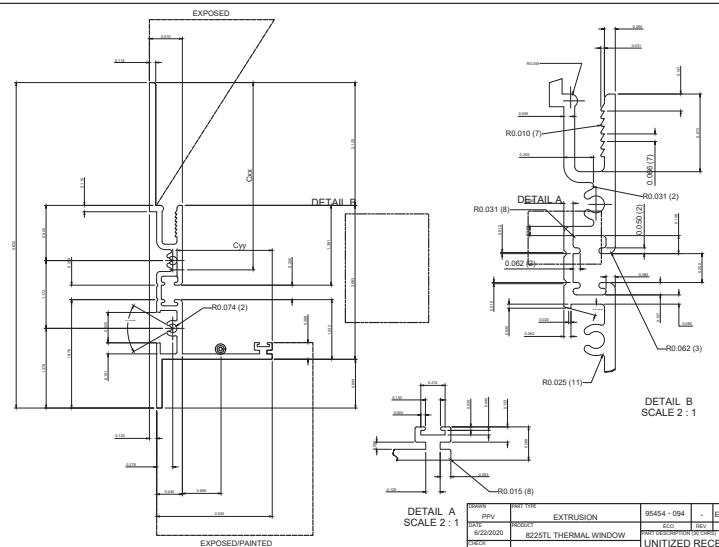
CONFIDENTIAL AND PROPRIETARY INFORMATION OF KAWNEER CO., INC.	28/JUN/21	REFERENCE
	12/APR/21	1ST APPROVAL
STO RECEPTOR WATER TEST		
DRAWING: 02-005		
PROFILE:		
SHT: 005		



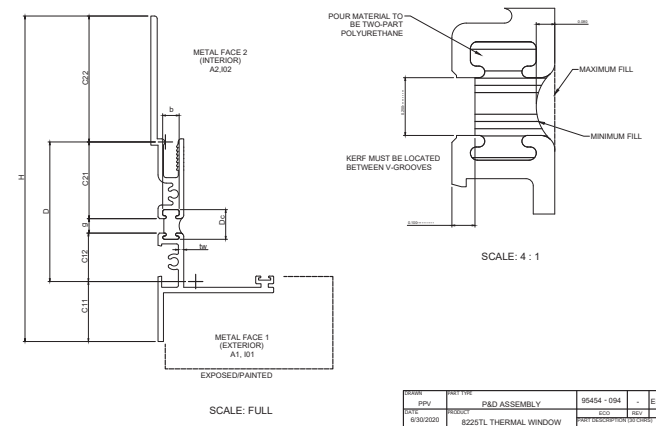
Plotted: Jun 29, 2021 - 3:12pm

intertek
Total Quality Assurance

Report #: M2303-550-44
Date: 07/06/21
Verified by: *B.K.*



225562	-
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<input checked="" type="checkbox"/> MATERIAL LOCATION OF IDENTIFICATION MARK - SEE T&P <input type="checkbox"/> FINISH TYPE <input type="checkbox"/> FINISH TYPE	
MATERIAL = Aluminum 6063-T6	
FINISH CODE(S) = STANDARD FINISHES	
DIS. PER	= 6.487
PNT. PER	= 2.171
EXP. PER	= 2.171
SSD PER	= 0
AREA	= 0.272
MASS	= 0.358
IX	= 0.011
Cxx	= 0.02
Sxx	= 0.017
Iyy	= 0.108
Cyy	= 1.15
Iyy	= 0.091
TYP. WALL	= 0.080
TYP. RAGN	= 0.015
TYP. OIL CNR	= 0.015
SPECIFICATION: EXTRUSION QUALITY PLAN HOMS 15-001	
TOLERANCE: CURRENT EDITION OF "AL ALUMINUM STANDARDS AND DATA" TOLERANCES TO APPLY UNLESS OTHERWISE NOTED.	
DATE	8/29/2020
REV	DATE
1	8/29/2020
286	
CRH	
TAD	225562
AS NOTED	NORCROSS, GA - NPD
	1 OF 1



225762	-
CONFIDENTIAL AND PROPRIETARY INFORMATION KAWNEER COMPANY INC	
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<input checked="" type="checkbox"/> MATERIAL LOCATION OF IDENTIFICATION MARK - SEE T&P <input type="checkbox"/> FINISH TYPE <input type="checkbox"/> FINISH TYPE	
MADE FROM = 225562	
FINISH CODE(S) = STANDARD FINISHES	
DIS. PER	= 26.812
PNT. PER	= 6.941
EXP. PER	= 17.995
SSD PER	= 0
AREA OF ALUM	= 1.533
AREA OF URETHANE (A=)	= 0.123
MASS OF ALUM	= 4.135
MASS OF URETHANE	= 0.05
MASS TOTAL	= 4.184
A1	= 0.899
A2	= 0.833
B1	= 0.661
B2	= 0.528
D	= 0.142
C11	= 0.759
C12	= 2.116
C21	= 0.901
C22	= 1.974
D1	= 0.463
D2	= 0.265
D3	= 250
D4	= 0.28
D5	= 3800.0
D6	= 5.622
ALLOWABLE SHEAR FLOW (q) = 180.0 lbs/in	
SCALE: 4 : 1	
KERF MUST BE LOCATED BETWEEN V-GROOVES	
POUR MATERIAL TO BE TWO-PART POLYURETHANE	
METAL FACE 2 (INTERIOR) AZ.002	
METAL FACE 1 (EXTERIOR) A1, B1	
EXPOSED/PAINTED	
DATE	8/29/2020
REV	DATE
1	8/29/2020
286	
CRH	
TAD	225762
AS NOTED	NORCROSS, GA - NPD
	1 OF 1

DRAWN	
MARK HENSLEY	
KAWNEER USE ONLY	
DATE	DATE
28/JUN/21	02/JUN/21
BY	BY
MGH	MGH
NO REVISIONS THIS SHEET	NO
A	ADDED THIS SHEET
REVISION	
NO	NO

DATE	8/29/2020
REV	DATE
1	8/29/2020
286	
CRH	
TAD	225762
AS NOTED	NORCROSS, GA - NPD
	1 OF 1

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DATE	DATE
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PRINTS ISSUED FOR	

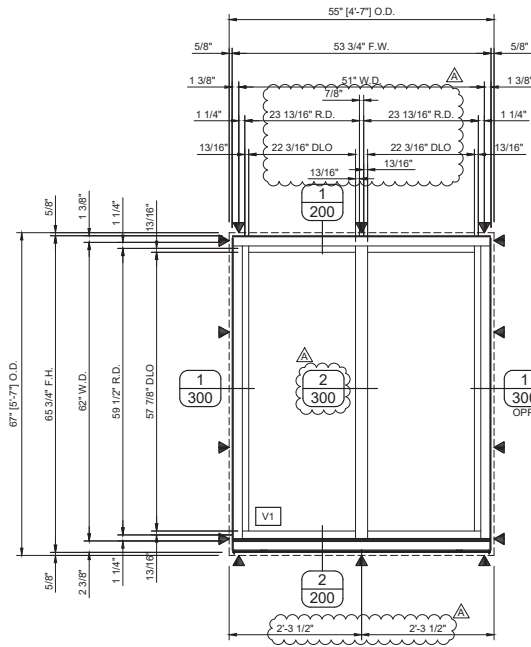
KAWNEER
HARRISONBURG, VA

STO RECEPTOR
WATER TEST

DRAWING: 02-007
PROFILE:

SHT: 007

Report #: M2303-550-44
 Date: 07/06/21
 Verified by: *B.K.*



PERIMETER FASTENER LEGEND:
 ▼ = LOCATION OF FASTENERS AND QUANTITY REQUIRED WHEN FASTENING INTO 18 GA METAL STUDS.

ELEVATION 1
 REQ'D THUS = ONE (1)
 ARCH. REF.:
 STRUCT. REF.:
 KAWNEER'S 8225TL WINDOW

	DATE	BY	REVISION
B	20/JUN/21	MGH	ADDED INTERMEDIATE VERTICAL
A	02/JUN/21	MGH	NO REVISIONS THIS SHEET

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HARRISONBURG, VA
STO RECEPTOR
 WATER TEST

DRAWING:
 02-100
 PROFILE:



Total Quality. Assured.

1701 Westfork Drive, Suite 106
Lithia Springs, Georgia 30122

Telephone: 770-941-6916
Facsimile: 717-764-4129
www.intertek.com/building

TEST REPORT FOR STO CORP.

Report No.: M2303.01-550-44 R0

Date: 07/06/21

SECTION 12

REVISION LOG

REVISION #	DATE	PAGES	REVISION
0	07/06/21	N/A	Original Report Issue