

DREXEL METALS, INC.

MIAMI-DADE TEST REPORT

SCOPE OF WORK

TAS 100(A)-23 TESTING ON 0.032" (MIN.) ALUMINUM FWQ100 FLUSH & REVEAL SOFFIT PANELS

REPORT NUMBER

T2025.04-450-18 R1

TEST DATE(S)

08/04/25

ISSUE DATE

01/27/26

REVISION DATE

02/02/26

LABORATORY CERTIFICATION NO.

22-0428.13

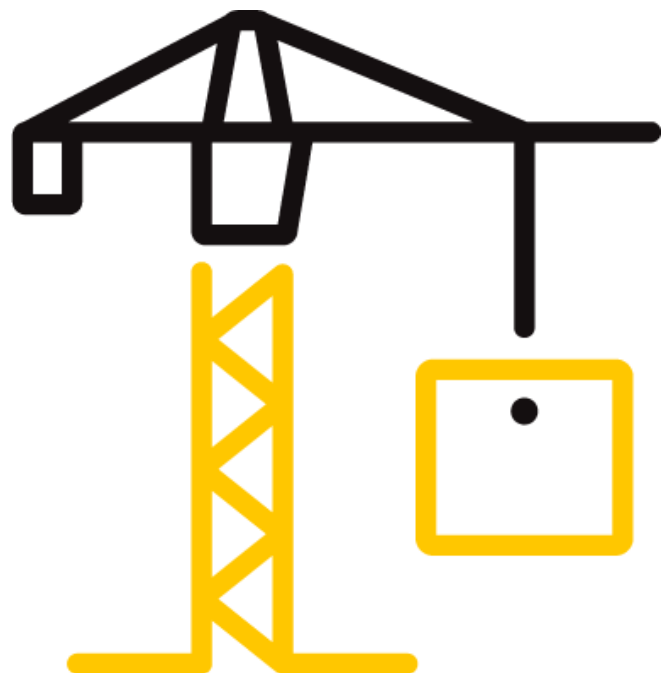
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TEST REPORT FOR DREXEL METALS, INC.

Report No.: T2025.04-450-18 R1

Date: 01/27/26

REVISED: 02/02/26

REPORT ISSUED TO

DREXEL METALS, INC.

1234 Gardiner Lane

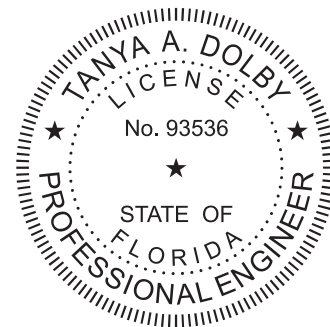
Louisville, KY 40213

SECTION 1

SCOPE

This test report is a reissue of the original Report No. S6488.02-450-18 R0. This report is issued in the name of Drexel Metals, Inc., for .032 Aluminum FWQ100 Flush & Reveal Soffit Panels through written authorization of Petersen Aluminum Corporation.

Architectural Testing, Inc. (an Intertek company) dba Intertek Building & Construction (B&C) was contracted by Petersen Aluminum Corporation. to perform TAS 100(A) testing in accordance with Miami-Dade County requirements on 0.032 (min.) Aluminum FWQ100 Flush & Reveal Soffit Panels 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 West Palm Beach, FL.



For INTERTEK B&C:

COMPLETED BY:	Daniel Carroll	REVIEWED BY:	Tanya Dolby, P.E.
TITLE:	Senior Regional Manager	TITLE:	Engineering Manager - Engineering Services
SIGNATURE:	 Digitally Signed by: Daniel J. Carroll	SIGNATURE:	 Digitally Signed by: Tanya Dolby
DATE:	02/02/26	DATE:	2026.02.03 17:55:17-05'00'

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SECTION 2

TEST METHOD(S)

The specimen was evaluated in accordance with the following:

TAS 100 (A)-23, *Test Procedure for Wind and Wind Driven Rain Resistance and/or Increased Windspeed Resistance of Soffit Ventilation Strip and Continuous or Intermittent Ventilation System Installed at the Ridge Area.*

SECTION 3

MATERIAL SOURCE

Test specimen was provided by the client. Representative samples of the test specimen will be retained by Intertek B&C for a minimum of ten years from the test completion date. Installation of the tested product was performed by representatives of the client.

SECTION 4

EQUIPMENT/CALIBRATION

Wind Generator: "WOLF" engine driven propeller

SECTION 5

LIST OF OFFICIAL OBSERVERS

NAME	COMPANY
Sal Delfino	Petersen Aluminum Corporation
Seth Allen	Intertek B&C
Cesar Prieto	Intertek B&C
Tanya Dolby, P.E.	Intertek B&C

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SECTION 6

TEST SPECIMEN DESCRIPTION

Manufacturer: Petersen Aluminum Corporation

Product Type: 0.032 (Min.) Aluminum FWQ100 Flush & Reveal Soffit Panel

Roof Deck Description: An 8' 0" wide by 6' 0" long roof deck on a 2:12 slope was utilized. The roof deck consisted of #2 Spruce-Pine-Fir nominal 2x6 intermediate supports sheathed with APA 32/16 span rated 15/32" plywood sheathing. The intermediate supports were spaced 24" on center. The plywood was secured to the rafters with 8d common nails spaced 6" on center around the perimeter and 12" on center at the intermediate supports

Underlayment, and Prepared Roof Covering Description: 30 lb felt paper was secured to the plywood with roofing nails and 32 Ga tin tabs spaced 12" on center. Three tab asphalt shingles were attached to the roof deck using 1-1/2" long galvanized roofing nails, four per shingle.

Roof Covering and Vent Description: The soffit was installed with "J" channel. The "J" channel utilized at the frieze board was secured through the center of the channel with #10 x 1" pan head SMS screws spaced 24" on center and was sealed with sealant on the bottom edge. The "J" channel at the sides of the eaves was secured through the top leg with three #10 x 1-1/8" pancake head screws per side. A single rivet was used to secure the frieze board channel to the side channels at both corners. The soffit panels had a 12" coverage width and were 22" long. The soffit panels were slid into the "J" channel and secured through the female leg with one #10 x 1" pancake head screw on the windward edge of the eave. The windward edge and sides of the eave utilized 1" wide by 5-1/2" high 0.027" aluminum fascia metal. The side fascia metal was secured on each side with sealant on the back of the metal and three #10 x 1-1/8" pancake head. The fascia metal on the windward edge was secured to the fascia metal at the sides with one #10 x 1" at each corner and to the soffit panels with three evenly spaced rivets along the windward edge. Both corners were sealed with sealant.

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SECTION 7
TEST RESULTS

Protocol TAS 100(A)-23, Test Procedure for Wind and Wind Driven Rain Resistance and/or Increased Windspeed Resistance of Soffit Ventilation Strip and Continuous or Intermittent Ventilation System Installed at the Ridge Area.

Test Date(s): 08/04/25

The temperature during testing was 32.2°C (90°F). The results are tabulated as follows:

Test Procedure: The wind speed intervals were conducted as follows:

Interval No.	Wind Speed (mph)	Time (min)	Water Spray
1	35	15	On
2	0	5	Off
3	70	15	On
4	0	5	Off
5	90	15	On
6	0	5	Off
7	110	5	On
8	0	5	Off

Test Results: The TAS 100(A) test results are as follows:

Wind Speed	Results
35 mph	0.0 oz.
70 mph	0.0 oz.
90 mph	0.0 oz.
110 mph	0.0 oz.

Result(s): Pass

Note 1: Tested at a 2:12 roof pitch.

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SECTION 8**CONCLUSION**

The specimen(s) tested met the performance requirements set forth in the protocols.

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.

This report is reissued in the name of Drexel Metals, Inc., through written authorization from Petersen Aluminum Corporation to whom the original report was rendered. The original Petersen Aluminum Corporation Report No. is S6488.02-450-18 R0.

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SECTION 9

PHOTOGRAPHS



Photo No. 1
Top Side Durning Testing

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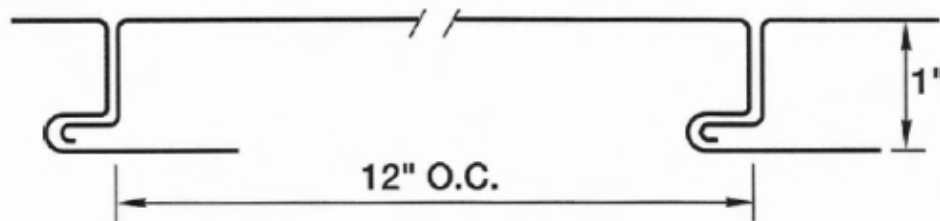
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SECTION 10**DRAWINGS**

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.



Drawing No. 1
Flush Wall Panel Profile

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SECTION 11

REVISION LOG

REVISION #	DATE	PAGES	REVISION
0	01/27/26	N/A	Original Report Issue-Reissued Report No. S6488.02-450-18 R0 in the name of Drexel Metals, Inc.
1	02/02/26	1,2,4.	Add Product description to Scope Paragraph. Correct product name adding FWQ100.