

CONSTRUCTION MATERIALS

TECHNOLOGIES

LABORATORY TEST REPORT

LADUKATURT LEGT REPORT								
Report for: Attention:	5467 Evergreen Parkway Sheffield Village, OH 44054			FROM THE SMITHER MICH DEPT.				
Product Names:		SMI 1.5" SnapLock 550 Standing Seam	Manufacturer:	Sheffield Metals International				
Project No.:		SHMI-004-02-03	Source:	Sheffield Metals International				
Date Received:		Dec. 28, 2017	Date Tested:	Jan. 19, 2018				

Determine air leakage in accordance with ASTM E 1680: Standard Test Purpose: Method for Rate of Air Leakage Through Exterior Metal Roof Panel Systems. **Test Methods:** Testing for rate of at eakage was completed as described in ASTM E 1680-11:

Standard Test Method for Rate of Air Leakage Through Exterior Metal Roof Panel System

> The test specimen was 56" long (three 18" spans) and 56" wide installed over spaced supports.

SMI 1.5" SL 550 panels, clips and fasteners were supplied by Sheffield Metals Sampling: mernational. All other materials were provided by PRI Construction Materials Technologies LLC and purchased through local distribution.

Panel Description: SMI 1.5" SL 550: Min. 0.029" 3105 H24M aluminum alloy ($F_v = 23.1 \text{ ksi}$) preformed, snap-together, 1.5" standing seam panels; 15" wide installed coverage; Profile drawing is contained in Appendix A. Clips: 1-5/8" high x 2-1/8" wide x 3.5" long, 20 ga. galvanized steel, single-piece clip; Clips secured to supports with two (2) #14-13 PH, DP1 screws per clip. Clip drawing is

SHMI-004-02-03.1 PRI-CMT Accreditations: AAMA; CRRC; IAS; LA-DBS; Miami-Dade; State of Florida; UL The test results, opinions, or interpretations are based on the material supplied by the client. This report is for the exclusive use of stated client. No reproduction or facsimile in any form can be made without the client's permission. This report shall not be reproduced except in full without the written approval of this laboratory. PRI Construction Materials Technologies LLC assumes no responsibility nor makes a performance or warranty statement for this material or products and processes containing this material in connection with this report.

contained in Appendix A.

PRI Construction Materials Technologies LLC 6412 Badger Drive Tampa, FL 33610 Tel: 813-621-5777 Fax: 813-621-5840 e-mail: materialstesting@pricmt.com WebSite: http://www.pricmt.com

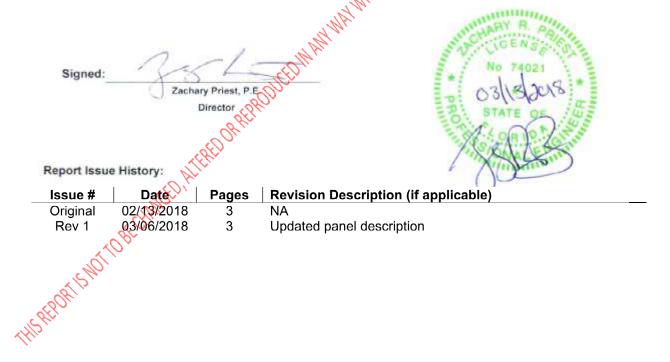
Results:

Specimens	Test Method	Test Pressure (psf)	Result	Requirement
SMI 1.5" SL 550; 18" span; 56" x 56" specimen				CALOPT.
Preload	ASTM E 1680	±15.0	Pass	Report
Air Exfiltration (cfm/ft ²)	ASTM E 1680	-1.57	0.986	Report
Air Infiltration (cfm/ft ²)	ASTM E 1680	+1.57	1.081	Report

Table 1. Summary of Test Results

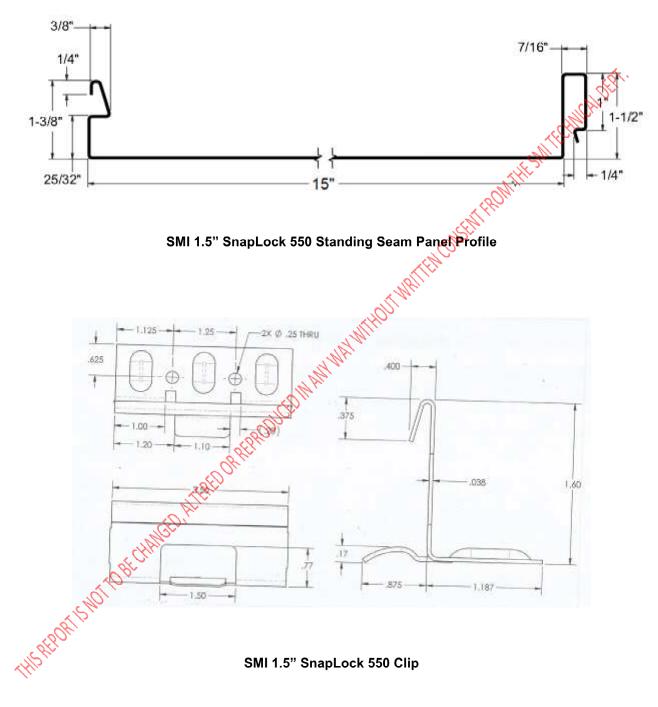
Statement of Attestation:

Testing was conducted in accordance ASTM E 1680: Standard Test Method for Rate of Air Leakage Through Exterior Metal Roof Panel Systems.



SHMI-004-02-03.1 PRI-CMT Accreditations: AAMA; CRRC; IAS; LA-DBS; Miami-Dade; State of Florida; UL The test results, opinions, or interpretations are based on the material supplied by the client. This report is for the exclusive use of stated client. No reproduction or facsimile in any form can be made without the client's permission. This report shall not be reproduced except in full without the written approval of this laboratory. PRI Construction Materials Technologies LLC assumes no responsibility nor makes a performance or warranty statement for this material or products and processes containing this material in connection with this report.

PRI Construction Materials Technologies LLC 6412 Badger Drive Tampa, FL 33610 Tel: 813-621-5777 Fax: 813-621-5840 e-mail: materialstesting@pricmt.com WebSite: http://www.pricmt.com



END OF REPORT

SHMI-004-02-03.1 PRI-CMT Accreditations: AAMA; CRRC; IAS; LA-DBS; Miami-Dade; State of Florida; UL The test results, opinions, or interpretations are based on the material supplied by the client. This report is for the exclusive use of stated client. No reproduction or facsimile in any form can be made without the client's permission. This report shall not be reproduced except in full without the written approval of this laboratory. PRI Construction Materials Technologies LLC assumes no responsibility nor makes a performance or warranty statement for this material or products and processes containing this material in connection with this report.

PRI Construction Materials Technologies LLC 6412 Badger Drive Tampa, FL 33610 Tel: 813-621-5777 Fax: 813-621-5840 e-mail: materialstesting@pricmt.com WebSite: http://www.pricmt.com