PRI Construction Materials Technologies LLC

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Laboratory Test Report

Report for:	Richard Spreen Shredded Tire, Inc. 6680 MW 17th Ave Ft. Lauderdale, FL 33309
Product Name:	6" 22GA SS Drip Edge adhered to Echo Flow and Echo Block
Project No.:	1957T0004
Dates Tested:	Nov. 10, 2020
Test Methods:	ANSI/SPRI ES-1 (2003) RE-2 ANSI/SPRI/FM 4435/ES-1 (2011) RE-2
Results Summary:	Passing load: -125psf

Purpose: Testing was conducted to evaluate the named product for performance in accordance with **ANSI/SPRI ES-1** ***Wind Design Standard for Edge Systems Used in Low Slope Roofing Systems*****, SPRI Test RE-2** ***Pull-Off Test for Edge flashings*****.**

Test Methods: Testing was conducted as described in **ANSI/SPRI** ***Wind Design Standard for Edge Systems Used in Low Slope Roofing Systems*****, SPRI Test RE-3** ***Pull-Off Test for Copings*** **(2003)** and **ANSI/SPRI/FM 4435/ES-1** ***Wind Design Standard for Edge Systems Used with Low Slope Roofing Systems,*** **RE-2** ***Pull-Off Test for Edge flashings*** **(2011).**

Sampling: The following materials were received by PRI.

Product	Origin	Date
6" 22GA SS Drip Edge	Ft. Lauderdale	Oct. 20, 2020
20GA SS Steel Sheet	Ft. Lauderdale	Oct. 20, 2020
Echo Block	Ft. Lauderdale	Oct. 20, 2020
Echo Flow	Ft. Lauderdale	Oct. 20, 2020
ICP Adhesives' Polyset AH-160	Ft. Lauderdale	Oct. 20, 2020

Description:

Drip Edge: 22 ga., 304 Stainless Steel; Attached to Echo block along the top of the block with 1-5/8" OMG HeadLok SP fasteners installed 9" o.c. along the top flange, 1" from the edge. Vertical face adhered to Echo Block and Echo Flow with a single 1.5" to 2" bead of ICP Adhesives' Polyset AH-160. See Appendix A for drawing.

Substrate: 6" wide 20GA 304 stainless steel sheet adhered to the wood nailer with ICP Adhesives' Polyset AH-160 by applying a 1.5" to 2" bead. 3" x 6" x 24" Echo Flow blocks and 3.5" x 6" x 24" Echo Blocks adhered to the steel sheet with ICP Adhesives' Polyset AH-160 by applying a 1.5" to 2" bead. See Appendix A for drawing.

Results: Horizontal loads were applied in 15 psf increments up to 150 psf or until failure. Horizontal loads applied above 150 psf were applied in 10 psf increments until failure, as applicable. Passing load is the maximum load that was sustained for 60 seconds. Detailed drawings are contained Appendix A.

	Results
Passing Load (psf)	-125
Failing Load (psf)	-150
Time of Failure (s)	3
Failure Mode	Echo Flow adhesion

Note(s): None.

Statement of Attestation:

The edge metal performance was evaluated in accordance with **ANSI/SPRI *Wind Design Standard for Edge Systems Used in Low Slope Roofing Systems*, SPRI Test RE-2 *Pull-Off Test for Edge flashings* (2003) and ANSI/SPRI/FM 4435/ES-1 *Wind Design Standard for Edge Systems Used with Low Slope Roofing Systems,* RE-2 *Pull-Off Test for Edge flashings* (2011).** The test results are representative of the materials received and prepared as described herein.

Signed: _____

Zachary Priest, P.E.
Director

Report Issue History:

Issue #	Date	Pages	Revision Description (if applicable)
Original	11/12/2020	4	NA

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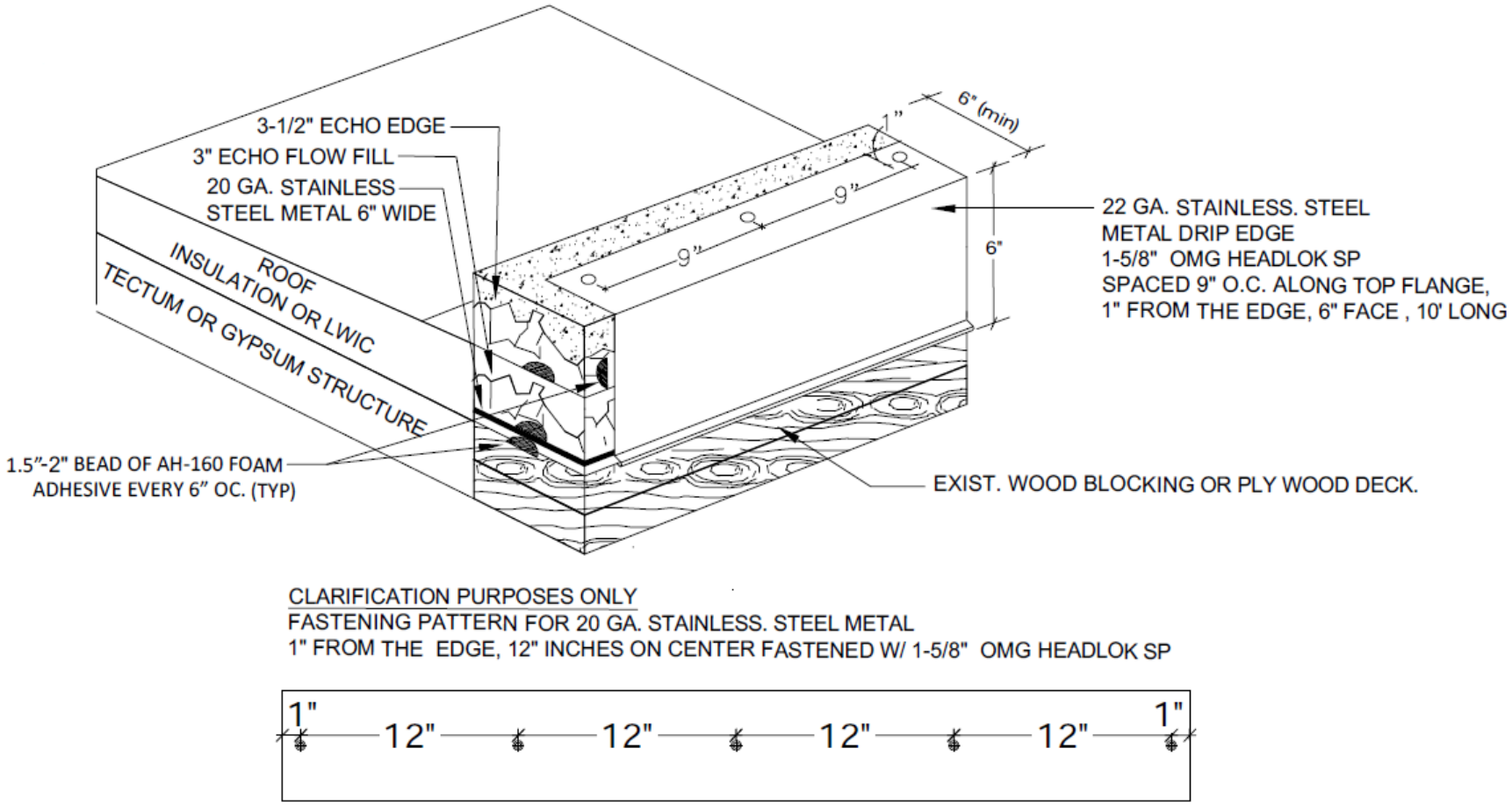

Figure 1. Installation of Drip Edge

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END OF REPORT

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