

NOVA BUILDING PRODUCTS TEST REPORT

SCOPE OF WORK

STRUCTURAL TESTING ON FIBERGLASS SIDING

REPORT NUMBER

P7537.01-201-40 R1

TEST DATE

02/27/23

ISSUE DATE

05/15/23

REVISION DATE

05/15/23

RECORD RETENTION END DATE

02/27/27

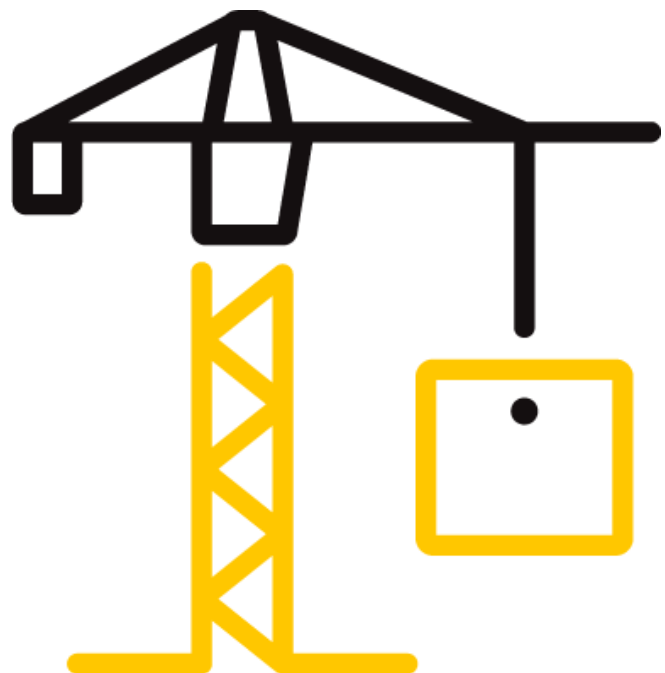
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Revision Date: 05/15/23

REPORT ISSUED TO

NOVA BUILDING PRODUCTS

1327 Park Avenue

Omaha, NE 68105

SECTION 1

SCOPE

Architectural Testing, Inc. (an Intertek Company) dba Intertek Building & Construction (B&C) was contracted by Nova Building Products to perform testing in accordance with ASTM D5206 on fiberglass siding. Results obtained are tested values and were secured by using the designated test method. Testing was conducted at Intertek B&C test facility in Fridley, MN.

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SECTION 2

SUMMARY OF TEST RESULTS

TITLE	RESULTS
D3 Fiberglass siding. Average peak pressure	141.7 psf

For INTERTEK B&C:

COMPLETED BY:	Karl Lips	REVIEWED BY:	Eric Schoenthaler
TITLE:	Technician I – Building & Construction	TITLE:	Laboratory Manager
SIGNATURE:		SIGNATURE:	
DATE:	05/15/23	DATE:	05/15/23

KL: es/wma

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SECTION 3

TEST METHOD

The specimens were evaluated in accordance with the following:

ASTM D5206-13, *Standard Test Method for Windload Resistance of Rigid Plastic Siding*

SECTION 4

INSTALLATION:

D5206 wall: Test wall was 49-1/2" x 38" and was comprised of a 2x4 stud wall, 16" on center. Four courses of siding were installed per the manufacturer's instructions.

Fiberglass Siding Installation:

A pultruded fiberglass starter strip was nailed along the bottom of the test wall with 1-1/2" long 12 gauge (4d) gun nail. Each course of siding was fit into the interlock of the row below then secured with a nail at each stud location.

SECTION 5

LIST OF OFFICIAL OBSERVERS

NAME	COMPANY
Karl Lips	Intertek B&C

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TEST SPECIMEN DESCRIPTION

Pultruded fiberglass siding with a nominal thickness of 0.092". Each row was 49-1/2" long and had a 6" high face exposure (D3).

SECTION 7

TEST RESULTS

TITLE OF TEST	RESULTS	Notes
Load, per ASTM D5206	Test #1: Peak pressure = 155 psf Test #2: Peak pressure = 140 psf Test #1: Peak pressure = 130 psf Average peak pressure: 141.7 psf	 1, 2, 3

Note 1: Blew off top panel at 160 psf. (Pic 1)

Note 2: Blew out right side of panels at 145 psf. (Pic 2)

Note 3: Blew out bottom panel at 135 psf. (Pic 3)

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SECTION 8 PHOTOGRAPHS

Photo No. 1
Test #1



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Photo No. 2
Test #2



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Photo No. 3
Test #3





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REVISION LOG

REVISION #	DATE	PAGES	REVISION
0	04/28/23	N/A	Original Report Issue
1	05/15/23	All	Revised Report. Report revised to correct company name.