



Farabaugh Engineering and Testing Inc.

Report Excerpt

Project No. T128-11

Report Date: January 31, 2011

No. Pages: 6 (inclusive)

PERFORMANCE TEST REPORT

ANSI/ SPRI ES-1

TEST RE-2

PULLOFF TEST FOR EDGE FLASHINGS

ON

2-1/4" X 3-1/4" PVC METAL ROOF EDGE FLASHING


FOR

DURADEK

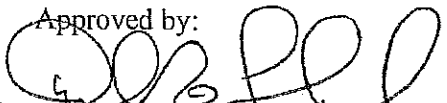
8288 129TH STREET, SURREY

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LABORATORY
TL-186



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TEXAS DEPARTMENT
OF INSURANCE
ACCREDITED LABORATORY

Objective:

The purpose of the testing was to determine the performance of the test specimens under the conditions set forth in the referenced standards and as provided herein.

Manufacturer:

Duradek
8288 129th Street, Surrey
BC, Canada V3W OA6

Test Assembly:

The mock- up consisted of 2-1/4" wide X 3-1/4" high Roof Edge Flashing, PVC coated on the exterior with 24 ga steel base metal (measured 0.023" thick). The continuous cleat was 24 ga steel (measured 0.023" thick). The cleat and edge flashing were attached to No. 2 Southern Pine wood substrate using 11 ga X 1-1/2" long galvanized annular ring shank nails with 3/8" dia. head spaced as shown on the attached drawings.

Test Procedure:

The test procedure was per ANSI / SPRI ES-1 2003 Test RE-2 "Pull -Off Test for Edge Flashings" and as provided herein. Controlled loading devices provided face loadings. Loading was applied uniformly on 12" centers to the front face of the edging. The load was applied on parallel horizontal centerline of the surface tested in an outward direction. Between incremental loads, the loading was reduced to zero until the specimen stabilized or a recovery period of not more than 5 minutes. The load procedure was continued until failure or the desired load was achieved.

TEST DATA

Test Date: 1/29/11

Specimen: 2-1/4" wide X 3-1/4" high PVC Metal Roof Edge Flashing

Roof Edging Length: 8 ft

Cleat Length: 8 ft

Front Face Pressure (Horizontal / Lateral) (PSF)	Comments	Front Face Pressure (Horizontal / Lateral) (PSF)	Comments
25	PASS	360	PASS
50	PASS	370	PASS
75	PASS	380	PASS
100	PASS	390	PASS
125	PASS	400	PASS
150	PASS	410	PASS
160	PASS	420	PASS
170	PASS	430	PASS
180	PASS	440	PASS
190	PASS	450	PASS
200	PASS	460	PASS
210	PASS	470	PASS
220	PASS	480	PASS
230	PASS	490	PASS
240	PASS	500	PASS
250	PASS	510	PASS
260	PASS	520	PASS
270	PASS	530	PASS
280	PASS	540	PASS
290	PASS	550	PASS
300	PASS	560	PASS
310	PASS	570	PASS
320	PASS	580	PASS
330	PASS	590	PASS
340	PASS	600	PASS
350	PASS	610	PASS

Results:

Maximum Test Pressure = 610 psf

As a result of the pressures listed above, there were no component failures.