

S a Ga a bo
a b Sa -G ba Pe a Pa C a S a Ga
a b a e Sa -G ba A
B a B a S a F B a S a F LLG
b a a a a a a A



ASTM E 1996 / ASTM E 1006 AND

ASTM E 260, ASTM E 330, ASTM

TEST REPORT

Rendered to:

SERIES/MODEL: Solar Gard Armorcoat 8-mil Film
PRODUCT TYPE: Fixed Window with Appl. Film

This report contains in its entirety
Cover Page: 1 page

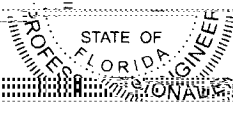
report body: 10 pages

Sketches: 4 pages
Drawings: 5 pages

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No. 58920



Joseph A. Reed

Revision 1: 10/03/08
Test Date: 09/18/08
Report Date: 10/01/08

Expiration Date: 09/18/12

Date: 2008-10-07 07:51:49 -0400

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Architectural Testing

ASTM F 1886 / ASTM F 1996 AND ASTM F 283 ASTM F 330 ASTM F 331

TEST REPORT

Rendered to:

DEKLETT SPECIALTY FILMS, LLC

Test Specimen Description:

Series/Model: Solar-Gard Armorcoat 8-mil Film

Fixed Window with Applied Film

Product Type: Film

2540 mm (8' 4") wide by 1814 mm (6' 0") high

Overall Size: 130

Overall Size: 1814 mm (6' 0") wide by 2540 mm (8' 4") high

Day:

Finish: All aluminum was mill finish

Glazing Details: The glazing was comprised of 4 mm clear annealed glass, 12 mm air space, 4 mm clear annealed glass, 12 mm air space, 4 mm clear annealed glass, exterior glazed onto a bed of Dow 995 silicone sealant, cap sealed and secured from the exterior perimeter with a vinyl wedge gasket.

Weatherstripping:

Description

Quantity

Location



Test Results:

follows: The results are tabulated as follows:

Test Method	Title of Test	Results
ASTM E 283	Air Infiltration	0.09 cfm/ft ²
	1.60 nsf (25 mph)	
	6.07 nsf (50 mph)	0.19 cfm/ft ²
Resistance	No leakage	ASTM E 331 Water Resistance 7.62 psf
Load Deflection		ASTM E 330 Uniform Load Structural
	Deflections reported were taken on the aluminum frame between fasteners with a 22" span (Loads were held for 10 seconds)	0.01"
<0.01"	2400 Pa (50.16) psf (negative)	2400 Pa (50.16) psf (positive)
	Deflections were taken on the aluminum frame between fasteners with a 22" span (Loads were held for 10 seconds)	ASTM E 330 Uniform Load Structural (Permanent sets reported between fasteners with a 22" span) (Loads were held for 10 seconds)
	3600 Pa (75.24) psf (positive)	<0.01"
	3600 Pa (75.24) psf (negative)	<0.01"