



BUILDING DROPS

A Perfect Solution in Every Drop

Certificate of Authorization: 29578

FL#:

Date: 1/26/2012

Report No: 1752

Quality Assurance:

The manufacturer has demonstrated compliance of door products in Accordance with the Florida Building Code and Rule 9N-3 for manufacturing under a quality assurance program audited by an approved quality assurance entity through **American Architectural Manufacturers Association (FBC Organization #: CER1498)**

Performance Standards:

The product described herein has been tested per:

- AAMA/WDMA/CSA 101/I.S.2/A440-08
- AAMA/WDMA/CSA 101/I.S.2/A440-05
- ANSI/AAMA/NWWDA 101/I.S.2-97

Referenced Data:

1. Product Testing performed by **Architectural Testing**
(FBC Organization # TST1558)
Report #: Report Date:
87803.01-501-47 12/23/2008
87806.01-501-47 12/29/2008
89922.01-501-47 9/9/2009
2. Quality Assurance
American Architectural Manufacturers Association
(FBC Organization #: CER1498)
3. Certification Agency
American Architectural Manufacturers Association
(FBC Organization #: CER1498)



BUILDING DROPS

A Perfect Solution in Every Drop

Certificate of Authorization: 29578

FL#:

Date: 1/26/2012

Report No: 1752

Installation: 1. Approved anchor types and substrates are as follows:

- A. For two by (2X) wood frame substrate, use **#10 Wood Screw** type wood frame anchors of sufficient length to achieve minimum embedment of 1.50" into wood framing.
- B. For aluminum substrates, use **#10-16 Gr. 5 self-drilling screws** of sufficient length to achieve 3 threads minimum penetration beyond the aluminum substrate.

Refer to manufacturer Installation Instructions, **IN0528**, for anchor spacing and more details of the installation requirements.

Design Pressure:

Size Chart		
Overall Size		DP Rating
Width "W" (in.)	Height "H" (in.)	
48	80	+/- 25 PSF
44	63	+/- 35 PSF
36	96	+/- 50 PSF

Alexis Spyrou, P.E.

Florida No. 68101

Page 4 of 5



BUILDING DROPS

A Perfect Solution in Every Drop

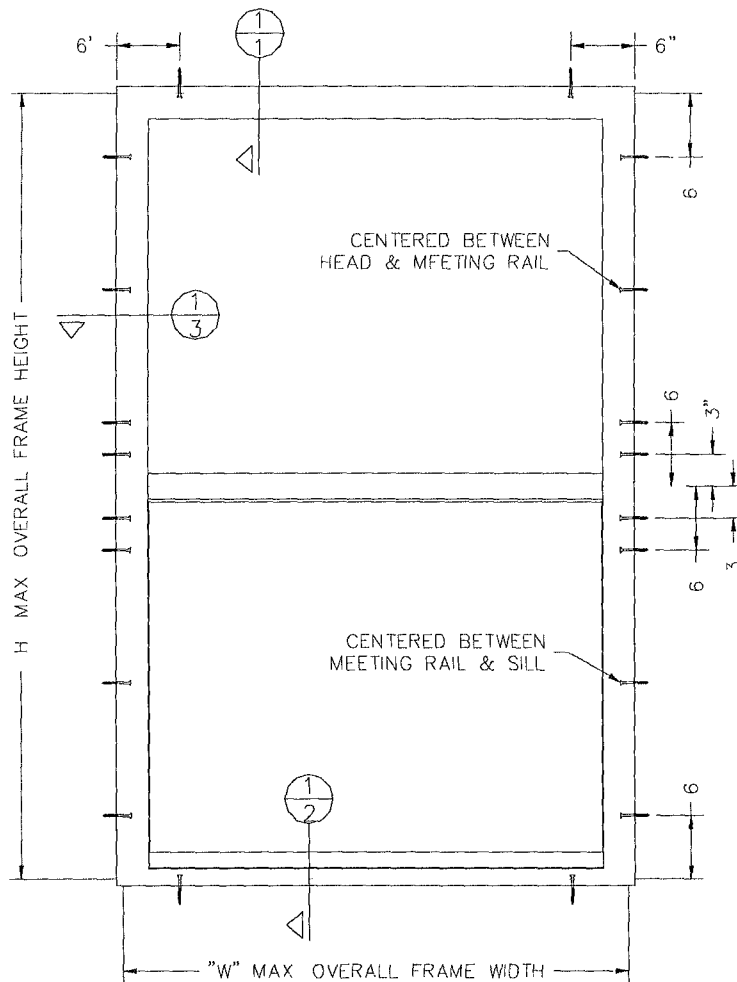
Certificate of Authorization. 29578

FL#:

Date: 1/26/2012

Report No: 1752

Installation Method Simonton Windows "Series 43-17" PVC Single Hung Window



Alexis Spyrou, P.E.

Florida No. 68101

Page 5 of 5



BUILDING DROPS

A Perfect Solution in Every Drop

Certificate of Authorization: 29578

127 W. Fairbanks Ave.

Suite 438

Winter Park, FL 32789

407.644.6957 PH

407.644.2366 FX

contact@buildingdrops.com

Product Evaluation Report *of*

Simonton Windows

“Series 43-17”

PVC Fixed Window

for

Florida Product Approval

FL#

Report No. 1754

Florida Building Code 2007 & 2010

Per Rule 9N-3

Method: 1 – A (Certificate Method)
Category: Window
Sub – Category: Fixed
Product: PVC Fixed
Material: Poly Vinyl Chloride
Product Dimensions: Max. Dimensions 96” x 72”

Prepared For:

Simonton Windows

One Cochrane Avenue

Pennsboro, West Virginia 26415

Prepared by:

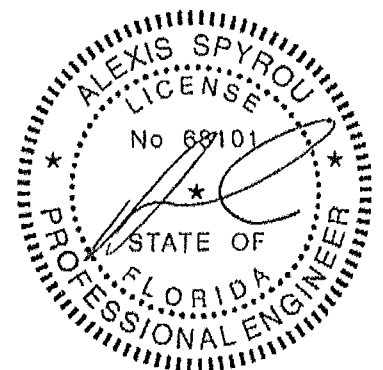
Alexis Spyrou, P.E.

Florida Professional Engineer # 68101

Date: 1/26/2012

Contents:

Evaluation Report Pages 1 – 4
Installation Details Page 5



ALEX SPYROU

2012.02.16 07:54:12

-05'00'

Alexis Spyrou, P.E.
Florida No. 68101



BUILDING DROPS

A Perfect Solution in Every Drop

Certificate of Authorization: 29578

FL#:

Date: 1/26/2012

Report No: 1752

Manufacturer: Simonton Windows

Product Category: Window

Product Sub-Category: Single Hung

Compliance Method: State Product Approval Rule 9N-3.005 (1)(a)

Product Name: Series 43-17 PVC Single Hung Window
(Non-Impact)
Max. Dimensions 48" x 80" & 36" x 96"

Scope: This is a Product Evaluation Report issued by Alexis Spyrou, P.E. (FL # 68101) for **Simonton Windows** based on Rule Chapter No. 9N-3.005, Method 1a of the State of Florida Product Approval, Department of Community Affairs - Florida Building Commission.

Alexis Spyrou, P.E. does not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

This product has been evaluated for use in locations adhering to the 2007 & 2010 Florida Building Code.

See Installation Instructions, **IN0528**, provided by manufacturer for specific use parameters.

Limits of Use:

1. This product has been evaluated and is in compliance with the 2007 & 2010 Florida Building Code, excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment into substrate material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product complies with Section 1609.1.2 of the 2007 & 2010 Florida Building Code and does require an impact resistant covering.
4. Site conditions that deviate from the details of **IN0528** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **IN0528** for size and design pressure limitations.



BUILDING DROPS

A Perfect Solution in Every Drop

Certificate of Authorization: 29578

127 W. Fairbanks Ave.

Suite 438

Winter Park, FL 32789

407.644.6957 PH

407.644.2366 FX

contact@buildingdrops.com

Product Evaluation Report *of*

Simonton Windows
“Series 43-17”
PVC Single Hung Window

for
Florida Product Approval
FL#

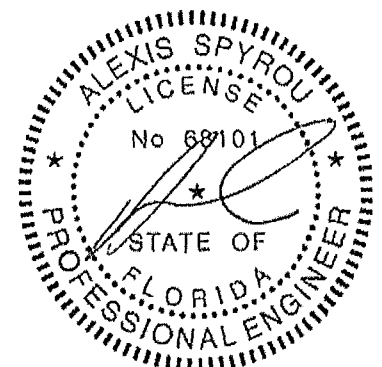
Report No. 1752

Florida Building Code 2007 & 2010
Per Rule 9N-3

Method: 1 – A (Certificate Method)
Category: Window
Sub – Category: Single Hung
Product: PVC Single Hung
Material: Poly Vinyl Chloride
Product Dimensions: Max. Dimensions 48” x 80” & 36” x 96”

Prepared For:
Simonton Windows
One Cochrane Avenue
Pennsboro, West Virginia 26415

Prepared by:
Alexis Spyrou, P.E.
Florida Professional Engineer # 68101
Date: 1/26/2012



ALEX SPYROU

2012.02.16 07:50:34 -05'00'

Contents:

Evaluation Report Pages 1 – 4
Installation Details Page 5

Alexis Spyrou, P.E.
Florida No. 68101



BUILDING DROPS

A Perfect Solution in Every Drop

Certificate of Authorization: 29578

FL#:

Date: 1/26/2012

Report No: 1754

Manufacturer: Simonton Windows

Product Category: Window

Product Sub-Category: Fixed

Compliance Method: State Product Approval Rule 9N-3.005 (1)(a)

Product Name: Series 43-17 PVC Fixed Window
(Non-Impact)
Max. Dimensions 96" x 72"

Scope: This is a Product Evaluation Report issued by Alexis Spyrou, P.E. (FL # 68101) for **Simonton Windows** based on Rule Chapter No. 9N-3.005, Method 1a of the State of Florida Product Approval, Department of Community Affairs - Florida Building Commission.

Alexis Spyrou, P.E. does not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

This product has been evaluated for use in locations adhering to the 2007 & 2010 Florida Building Code.

See Installation Instructions, **IN0530**, provided by manufacturer for specific use parameters.

Limits of Use:

1. This product has been evaluated and is in compliance with the 2007 & 2010 Florida Building Code, excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment into substrate material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product complies with Section 1609.1.2 of the 2007 & 2010 Florida Building Code and does require an impact resistant covering.
4. Site conditions that deviate from the details of **IN0530** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **IN0530** for size and design pressure limitations.

Alexis Spyrou, P.E.
Florida No. 68101
Page 2 of 5



BUILDING DROPS

A Perfect Solution in Every Drop

Certificate of Authorization. 29578

FL#:

Date: 1/26/2012

Report No: 1754

Quality Assurance:

The manufacturer has demonstrated compliance of door products in Accordance with the Florida Building Code and Rule 9N-3 for manufacturing under a quality assurance program audited by an approved quality assurance entity through **American Architectural Manufacturers Association (FBC Organization #: CER1498)**

Performance Standards:

The product described herein has been tested per:

- AAMA/WDMA/CSA 101/I.S.2/A440-08
- AAMA/WDMA/CSA 101/I.S.2/A440-05
- ANSI/AAMA/NWWDA 101/I.S.2-97

Referenced Data:

1. Product Testing performed by **Architectural Testing**
(FBC Organization # TST1558)
Report #: Report Date:
89309.01-501-47 3/27/2009
A6139.01-501-47 12/27/2010
A9230.01-501-47 5/6/2011
2. Quality Assurance
American Architectural Manufacturers Association
(FBC Organization #: CER1498)
3. Certification Agency
American Architectural Manufacturers Association
(FBC Organization #: CER1498)



BUILDING DROPS

A Perfect Solution in Every Drop

Certificate of Authorization: 29578

FL#:

Date: 1/26/2012

Report No: 1754

Installation: 1. Approved anchor types and substrates are as follows:

- A. For two by (2X) wood frame substrate, use **#10 Wood Screw** type wood frame anchors of sufficient length to achieve minimum embedment of 1.50" into wood framing.
- B. For aluminum substrates, use **#10-16 Gr. 5 self-drilling screws** of sufficient length to achieve 3 threads minimum penetration beyond the aluminum substrate.

Refer to manufacturer Installation Instructions, **IN0530**, for anchor spacing and more details of the installation requirements.

Design Pressure:

Size Chart		
Overall Size		DP Rating
Width "W" (in.)	Height "H" (in.)	
96	72	+/- 30 PSF
96	63	+/- 35 PSF
74	63	+/- 50 PSF
80	48	+/- 55 PSF

Alexis Spyrou, P.E.

Florida No. 68101

Page 4 of 5



BUILDING DROPS

A Perfect Solution in Every Drop

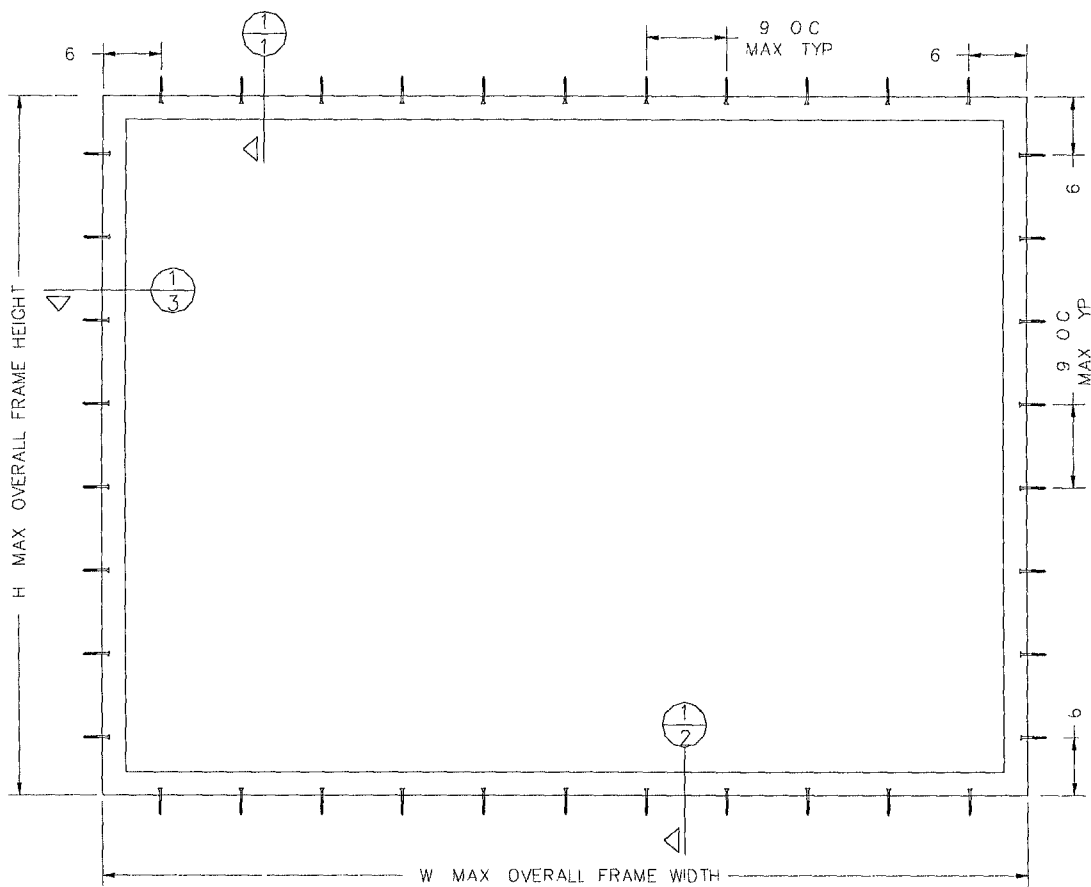
Certificate of Authorization: 29578

FL#:

Date: 1/26/2012

Report No: 1754

Installation Method Simonton Windows "Series 43-17" PVC Fixed Window



Alexis Spyrou, P.E.

Florida No. 68101

Page 5 of 5