BUILDING DROPS

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Certificate of Authorization: 29578

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Product Evaluation Report

of

All Seasons Commercial
E2500/E3250/E4000
Project Out Window

for
Florida Product Approval
FL#

Report No. 2672

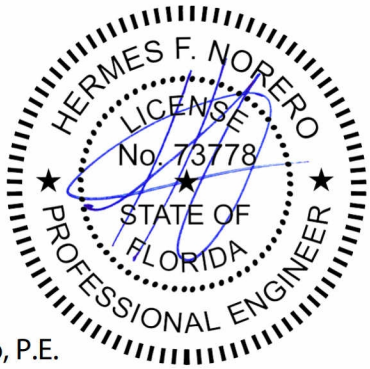
Florida Building Code 2010
Per Rule 61G20-3

Method:	**1 – A (Certification)**
Category:	**Windows**
Sub – Category:	**Projected**
Product:	***E2500/E3250/E4000 Project Out Window***
Material:	**6063-T5 Aluminum**
Product Dimensions:	***60" x 36"***

Prepared For:
All Seasons Commercial
1293 Harvey Mitchell Pkwy.
Bryan, TX 77803

Prepared by:
Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 01/10/2014

Contents:



Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2014.06.03 17:21:40 -04'00'

Hermes F. Norero, P.E.
Florida No. 73778

Manufacturer:	**All Seasons Commercial**
Product Category:	Windows
Product Sub-Category:	Projected
Compliance Method:	State Product Approval 61G20-3.005 (1)(a)
Product Name:	**E2500/E3250/E4000 Project Out Window** 60" x 36"

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **All Seasons Commercial** based on Rule Chapter No. 61G20-3.005, Method 1a of the State of Florida Product Approval, Florida Department of Business and Professional Regulation - Florida Building Commission.

Hermes F. Norero, 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 2010 Florida Building Code.

See Installation Instructions **8097-10**, signed and sealed by Hermes F. Norero, P.E. (FL # 73778) for specific use parameters.

Limits of Use:

1. This product has been evaluated and is in compliance with the 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 2010 Florida Building Code and does require an impact resistant covering.
5. Site conditions that deviate from the details of drawing **8097-10** require further engineering analysis by a licensed engineer or registered architect.
6. See Installation Instructions **8097-10** for size and design pressure limitations.

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Certification Agency: The manufacturer has demonstrated compliance of window products in Accordance with the Florida Building Code and Rule 61G20-3.005 (3) for manufacturing under a Certification Agency through **National Accreditation & Management Institute** (FBC Organization #CER1773)

Performance Standards: The product described herein has been tested per:

- AAMA/WDMA/CSA 101/I.S.2/A440-08

Referenced Data:

1. Product Testing performed by **Architectural Testing, Inc.**
   (FBC Organization # TST1910)
   Report #: A5248.01-801-44-R1 Report Date: 08/14/13

2. Certification Agency
   National Accreditation & Management Institute
   (FBC Organization #CER1773)

Hermes F. Norero, P.E.
Florida No. 73778

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

Through Frame Installation:

A. For two by (2X) wood buck substrate (Min. S.G. = 0.55), use **#10 Wood Screw** type installation anchors of sufficient length to achieve a minimum embedment of 1.50" into the wood substrate.

B. For concrete (Min. f'c = 3000 psi) or masonry (Conforms to ASTM C90) substrate where one by (1X), non-structural, wood bucking is employed, use **3/16" diameter ITW Tapcon** type concrete screw anchors of sufficient length to achieve minimum embedment of 1.25" into concrete or masonry.

C. For concrete (Min. f'c = 3000 psi) or masonry (Conforms to ASTM C90) substrate where wood bucking is NOT employed, use **3/16" diameter ITW Tapcon** type concrete screw anchors of sufficient length to achieve minimum embedment of 1.25" into concrete or masonry.

D. For steel stud substrate (Min 18 Ga., Fy = 33 ksi), use **#10 ITW TEK Screw** type steel stud anchors of sufficient length to achieve minimum 3 threads penetration beyond steel structure.

Refer to Installation Instructions (**8097-10**) for anchor spacing and more details of the installation requirements.

Design Pressure:

Design Pressure Rating	
Positive	90.0 PSF
Negative	90.0 PSF