



BUILDING DROPS

A Perfect Solution in Every Drop

Certificate of Authorization: 29578

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Product Evaluation Report

of

Croft, LLC

“Series 20”

Single Hung Tilt Window

for

Florida Product Approval

FL# 16082

Report No. 4156

Current Florida Building Code

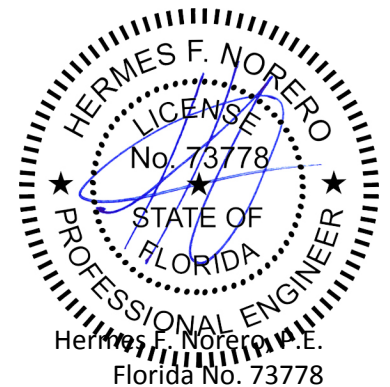
Method: 1 – A (Certification)
Category: Windows
Sub – Category: Single Hung

Product: *Series 20W Single Hung Tilt Window*
Material: PVC
Product Dimensions: *36” X 84” (O/X) (Maximum)*
72” X 72” (O/X,O/X) (Maximum)

Prepared For:
CROFT, LLC
P.O. Box 826
McComb, MS. 39649

Prepared by:
Hermes F. Norero, P.E.
 Florida Professional Engineer # 73778
 Date: 02/11/2016

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Date: 02/11/2016

Report No: 4156

Manufacturer: Croft, LLC

Product Category: Windows

Product Sub-Category: Single Hung

Compliance Method: State Product Approval Rule (1)(a)

Product Name: **Series 20 Single Hung Tilt Window**
36" X 84" (O/X) (Maximum)
72" X 72" (O/X,O/X) (Maximum)

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Croft, LLC** based on Method 1a of the State of Florida Product Approval, 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 Florida Building Code.

See Installation Instructions **0020-951**, 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 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 Chapter 16 of the Florida Building Code and does require an impact resistant covering.
4. Site conditions that deviate from the details of drawing **0020-951** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **0020-951** 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 State Rules for manufacturing under a Certification Agency 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

Referenced Data:

1. Product Testing performed by **Architectural Testing, Inc.**
(FBC Organization # TST1910)
Report #: B6276.01-801-47, Report Date: 08/06/2012
Report #: B6276.03-801-47, Report Date: 08/06/2012
2. Certification Agency
American Architectural Manufacturers Association
(FBC Organization #: CER1498)



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

Nail Fin Installation:

- A. For two by (2X) wood frame substrate, use **#8 Wood Screw** type wood frame anchors of sufficient length to achieve minimum embedment of 1.50" into wood framing.
- B. For steel stud substrate, use **#8 ITW TEK Screw** type steel stud anchors of sufficient length to achieve minimum 3 threads penetration beyond steel structure.

Refer to Installation Instructions (**0020-951**) for anchor spacing and more details of the installation requirements.

Design Pressure:

Size	Design Pressures
36" x 72"	+50.0/-50.0 PSF
36" x 84"	+35.0/-35.0 PSF
72" x 72"	+50.0/-50.0 PSF