



1900 NE MIAMI CT. SUITE 2-15, MIAMI, FL 33132

## Product Evaluation Report

*of*

**Croft, LLC**

**Series 9100 Woodbuck Mullion and Series 9100 Mullions (Vertical)  
(WZ3) (Impact)**

*for*

**Florida Product Approval**

**FL# FL15527**

**Report No. 9032**

### Current Florida Building Code

**Method:** 2 – B (Engineering Evaluation)  
**Category:** Windows  
**Sub – Category:** Mullions

**Product:** Series 9100 Woodbuck Mullion and  
Series 9100 Mullions (Vertical)

**Materials:** Aluminum 6063-T5

**Product Dimensions:** See Installation Instructions, CRF011

### Prepared for:

**Croft, LLC**  
**P.O. Box 826**  
**McComb, MS 39649**

### Prepared by:

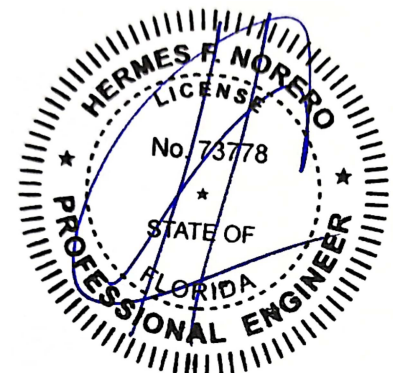
**Hermes F. Norero, P.E.**

Florida Professional Engineer # 73778

Date: 12/26/2023

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

1900 NE MIAMI CT. SUITE 2-15, MIAMI, FL 33132

**Manufacturer:** Croft, LLC

**Product Category:** Windows

**Product Sub-Category:** Mullions

**Compliance Method:** State Product Approval Method (2)(b)

**Product Name:** **Series 9100 Woodbuck Mullion and Series 9100 Mullions (Vertical) (WZ3) (Impact)**

**Scope:** This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Croft, LLC** based on Method 2b 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 current Florida Building Code.

See Installation Instructions **CRF011**, 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 current 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 current Florida Building Code and **does not** require an impact resistant covering in Wind Zone 3 or less.
4. When used in areas requiring wind borne debris protection this product complies with Chapter 16 of the current Florida Building Code and **does** require an impact resistant covering in Wind Zone 4.
5. Site conditions that deviate from the details of installation instructions **CRF011** require further engineering analysis by a licensed engineer or registered architect.
6. See Installation Instructions **CRF011** for size and design pressure limitations.

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- Quality Assurance:** The manufacturer has demonstrated compliance of manufacture of products in accordance with the Florida Building Code for manufacturing under a quality assurance program audited by an approved quality assurance entity through **National Accreditation and Management Institute, Inc.** (FBC Organization # QUA1789).
- Installation:** Refer to Installation Instructions (**CRF011**) for anchor locations, design load tables, and further details of the installation requirements.
- Design Pressure:** See drawing **CRF011** for mullion design pressure tables, mullion assembly profiles, and installation details. Design Pressure Tables are based on guidelines adopted from AAMA 450-20 'Voluntary Performance Rating Method for Mullioned Fenestration' and Section 1709.8 of the current Florida Building Code.