

WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

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PRODUCT EVALUATION

PRODUCT: HACI PALMETTO SERIES BRONZE FIXED WINDOWS

MANUFACTURER: HISTORICAL ARTS & CASTINGS, INC.
5580 WEST BAGLEY PARK ROAD
WEST JORDAN, UT 84081

To all concerned,

The Palmetto Series Bronze Fixed Windows, manufactured by Historical Arts & Castings, have been tested per TAS 201, 202, and 203 by Hurricane Test Lab and Architectural Testing Inc, with results shown in test reports 0222-0701-09 and B305.01-450-18.

Technical Documentation:

1. Drawing "Palmetto Series Fixed Window", dated 12/12/22, signed and sealed by Scott Wolters, PE.
2. Test Reports listed above by Hurricane Test Lab and Architectural Testing Inc, signed and sealed by Vinu J. Abraham, PE.
3. Supplemental Calculations to support "Palmetto Series Fixed Window", signed and sealed by Scott Wolters, PE.

I have reviewed this submittal per the requirements of FAC Product Approval Rule Chapter 61G20-3.005 (4). Based on the limitations listed below and those provided in the documents above, this product meets all the requirements of the 7th Edition (2020) Florida Building Code generally, and chapters 16, 20, and 24 specifically, including the HVHZ provisions.

Limitations: This system has been tested and approved for use inside and outside the HVHZ. It is large and small missile impact resistant, and shutters are not required in windborne debris regions.

Overall Size Limitations: See Elevations on Sheets 2-3 of "Palmetto Series Fixed Window"

Max. Design Pressure: +/- 70 psf

Glass: Design pressures for each glass type are based on the testing listed above and ASTM E1300-09.

Glass Type A: 9/16" Laminated – 3/16" Heat Strengthened
0.025" Urethane Adhesive
0.125" Saf-Glas Interlayer (NOA# 22-0808.04)
0.025 Urethane Adhesive
3/16" Heat Strengthened

Max. DLO Size: 16 7/8" x 17 13/16"
Max. Design Pressure: +/- 70 psf

Glass Type B: 9/16" Laminated - 1/4" Heat Strengthened
0.075" Saflex Storm Interlayer (NOA# 20-0622.03)
1/4" Heat Strengthened

Max. DLO Size: 72" x 40 9/16"
Max. Design Pressure: +/- 70 psf

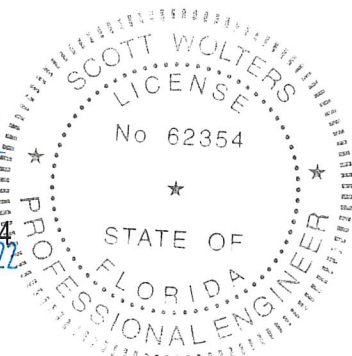
Framing: All extrusions are Bronze 380 or 385 Alloy, as shown on Sheet 7 of "Palmetto Series Fixed Window", unless otherwise noted.

Anchors: Please see the Anchor information and installation details on Sheet 4 of "Palmetto Series Fixed Window" for the allowable anchor types at the head, sill, and jambs. Location and Spacing requirements are shown on the Elevation views on Sheets 2-3.

If you have any questions or need more information concerning this approval please contact me.

Thank you,


Scott Wolters
FL PE# 62354
DEC 19 2022



SPECIALIZING IN IMPACT RESISTANT CURTAINWALLS, STOREFRONTS, & WINDOWS