

WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

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PRODUCT EVALUATION

PRODUCT: AWC-100 SERIES PROJECTED ALUMINUM WINDOWS

MANUFACTURER: ETALUM S.A.S.
Km 4, ANILLO VIAL
ZONA FRANCA SANTANDER, BODEGA C7
BUCARAMANGA, SANTANDER, COLUMBIA

To all concerned,

The AWC-100 Series Projected Aluminum Window, manufactured by Etalum S.A.S, is a glazed aluminum window that may be installed as a single or double projected window. The window has been tested per TAS 202 by Intertek B&C, with results shown in test report N3939.01-450-18.

Technical Documentation:

1. Drawing "AWC100-PR" dated 8/30/23, signed and sealed by Scott Wolters, PE.
2. Test Reports listed above by Intertek B&C, signed and sealed by Tanya Dolby, PE.
3. Supplemental Calculations to support AWC100-PR, 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 of the requirements of the 8th Edition (2023) Florida Building Code generally, and chapters 16, 20, and 24 specifically, for use outside of the HVHZ.

Limitations: This window is approved for use outside of the HVHZ. It has not been tested for impact resistance, shutters are required in windborne debris regions.

<u>Overall Dimensions:</u>	Max Design Pressure:	+/- 54.3 psf
	Max Frame Width:	24 7/16" (Single)
		48 1/16" (Double)
	Max Frame Height:	41 7/16"
	Max Operable Sash Width:	23"
	Max Operable Sash Height:	40"
	Max DLO Width:	18 1/16"
	Max DLO Height:	35 1/16"

Note – The AWC-100 Series Projected Window may be installed into AWC-100 Series Fixed Window Frames, per separate product approval.

Glass: 13/16" Insulated Laminated
1/4" Tempered
3/16" Air Space (Aluminum Spacer)
1/4" Tempered
0.030" SentryGlas Interlayer*
5/32" Tempered

* I have evaluated the SentryGlas interlayer (NOA# 22-1116.01) referenced above and find that it complies with the requirements of the 8th Edition (2023) Florida Building Code for use in this product.

Anchors: Please see the Anchor Chart and Details on Sheet 4/5 of AWC100-PR for allowable anchor types and locations.

Hardware: See Bill of Materials on Sheet 5/5 of AWC100-PR for hardware information.

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

Thank you,


Scott Wolters
FL PE# 62354
AUG 30 2023

