

WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

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PRODUCT EVALUATION

PRODUCT: KAWNEER 2500 PG WALL CURTAINWALL SYSTEM
LARGE AND SMALL MISSILE (LEVEL D, WIND ZONE 3)

MANUFACTURER: KAWNEER, INC.
555 GUTHRIDGE COURT
NORCROSS, GA 30092

To all concerned,

The Kawneer 2500 PG Wall is a unitized aluminum curtainwall system that has been tested per ASTM E283-04, E330/330M-14, E331-00, E1886-05, and E1996-12a by Intertek B&C, with results shown in test report E0802.01-550-44.

Technical Documentation:

1. Drawing "2500-PG-WZ3" dated 8/15/23, signed and sealed by Scott Wolters, PE.
2. Test Report listed above by Intertek B&C, signed and sealed by Vinu J. Abraham, PE.
3. Supplemental Calculations to support "2500-PG-WZ3", 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 8th Edition (2023) Florida Building Code generally, and chapters 16, 20, and 24 specifically, for use outside of the HVHZ.

Limitations: This system has been tested and approved for use outside of the HVHZ. It is large and small missile impact resistant (Level D, Wind Zone 3), and shutters are not required in windborne debris regions in wind zones 3 and below.

<u>Overall Limitations:</u>	Maximum Design Pressure:	+/- 50 psf
	Maximum Frame Height:	119 13/32 in
	Maximum Anchor Span Height:	114 in
	Maximum Mullion Spacing:	50 1/2 in

Glass: Design pressures are based on the testing listed above and ASTM E1300-16.

Glass Type 1: 1" Insulated Laminated
3/16" Heat Strengthened
3/8" Air Space (Alum Spacer)
3/16" Heat Strengthened
0.090" Sentryglas Interlayer (NOA# 22-1116.01)*
3/16" Heat Strengthened

Please See Glass Chart on Sheet 6/10 of 2500-PG-WZ3 for size limitations.

* 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 Charts and Details on Sheets 7/10 and 8/10 of 2500-PG-WZ3 for allowable anchor types and locations.

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

Thank you,


Scott Wolters
FL PE# 62354
AUG 15 2023

