

WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

15211 97th Road N
West Palm Beach, FL 33412
Ph/Fx: (561) 225-1982

PRODUCT EVALUATION

PRODUCT: GOLDBRECHT TH+ SERIES FIXED WINDOW

MANUFACTURER: GOLDBRECHT USA, INC.
5701 BUCKINGHAM PARKWAY, SUITE G
CULVER CITY, CA 90230

To all concerned,

The TH+ Series Fixed Window, manufactured by Goldbrecht USA, Inc. has been tested per TAS 201, 202, and 203 by Architectural Testing, Inc. with results shown in test reports C5210.03-301-18 and F4776.01-301-18.

Technical Documentation:

1. Drawing "GOLDBRECHT TH+ SERIES FIXED WINDOW" dated 10/19/16 (Rev. B), signed and sealed by Scott Wolters, PE.
2. Test Reports listed above by Architectural Testing, Inc. signed and sealed by Tyler Westerling, PE.
3. Supplemental Calculations to support "Goldbrecht TH+ Series Fixed Window" drawing, 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 5th Edition (2014) Florida Building Code generally, and chapters 16, 23, and 24 specifically, including the HVHZ provisions.

Limitations: This window is approved for use inside and outside of the HVHZ. It is large and small missile impact resistant. Shutters are not required.

Overall Dimensions:

<u>Elevation1:</u>	Max. Frame Width:	60"
	Max. Frame Hieght:	144"
	Design Pressure:	+/- 65 psf
<u>Elevation2:</u>	Max. Frame Width:	75 1/2"
	Max. Frame Hieght:	118 5/8"
	Design Pressure:	+/- 80 psf

Glass:

1 13/16" Insulated Laminated
1/4" Tempered
0.090" SentryGlas Interlayer (NOA# 14-0916.11)
1/4" Tempered
5/8" Air Space (Aluminum Spacer)
1/4" Tempered
0.090" SentryGlas Interlayer (NOA# 14-0916.11)
1/4" Tempered

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

Thank you,


Scott Wolters
FL PE# 62354
OCT 20 2016

