

WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

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PRODUCT EVALUATION

PRODUCT: C.T. WINDOWS T850 SERIES CURTAINWALL SYSTEM
(LARGE & SMALL MISSILE, CAPTURED & SSG)

MANUFACTURER: C.T. WINDOWS, LLC
9195 BOGGY ROAD
ORLANDO, FL 32824

To all concerned,

The C.T. Windows T850 Series Curtainwall System is a structurally glazed or captured curtainwall system designed for (level D & level E) large and small missile impact resistance. The system has been tested per TAS 201/202/203, ASTM E1886 (2019 equivalent), and ASTM E1996 (2020 equivalent) by Fenestration Testing Lab, Inc, Hurricane Test Lab, and QAI Laboratories with results shown in test reports 17-7344 (FTL), 0062-0307-10 (HTL), 0062-0906-10 (HTL), MED-2031a (QAI), and MED-5435a (QAI). I have reviewed the testing listed and find that it is equivalent to AAMA 501-15 for this product.

Technical Documentation:

1. Drawing "AAT2-24" dated 6/18/26 (Rev 2), signed and sealed by Scott Wolters, PE.
2. Test Report listed above by Fenestration Testing Lab, signed and sealed by Idalmis Ortega, PE.
3. Test Reports listed above by HTL, signed and sealed by Vinu Abraham, PE.
4. Test Report listed above by QAI Laboratories, signed and sealed by Idalmis Ortega, PE.
5. Supplemental Calculations to support Drawing AAT2-24, 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, including the HVHZ provisions.

Limitations: This system has been tested and approved for (level D & level E) large and small impact resistance for use inside and outside the HVHZ. Shutters are not required in windborne debris regions.

Maximum Design Pressures:

Varies. See Glass Charts on AAT2-24 Sheets 4-5.
Single Span Mullion Chart on AAT2-24 Sheet 6.
Multi-Span Mullion Charts on AAT2-24 Sheet 7.
And Anchor Limitations on AAT2-24 Sheets 24-34.
The lowest pressure applies to the entire system.

Glass: Design pressures for glass are limited by testing listed above, ASTM E1300-16, and silicone stress for SSG glazing. Please see the charts on sheets 4-5 of AAT2-24 for allowable sizes and design pressures. See Details on Sheets 4-5 of AAT2-24 for glass make-up.

Large Missile – Level E:

Glass Type G3: 9/16" Laminated with 0.180" Sentryglas* Interlayer
Glass Type G4: 1 5/16" Insulated Laminated with 0.180" Sentryglas* Interlayer
Glass Type G8: 1 5/16" Insulated Laminated with 0.150" Saflex Storm++ Interlayer

Large Missile – Level D:

Glass Type G1: 1 5/16" Insulated Laminated with 0.090" Sentryglas* Interlayer
Glass Type G2: 9/16" Laminated with 0.090" Sentryglas* Interlayer
Glass Type G5: 1 5/16" Insulated Laminated with 0.090" PVB^^ Interlayer

Small Missile:

Glass Type G6: 1 5/16" Insulated Laminated with 0.035" Sentryglas* Interlayer
Glass Type G7: 1 5/16" Insulated Laminated with 0.060" Sentryglas* Interlayer

- * The Sentryglas Interlayer is manufactured by Kuraray America Inc, per NOA# 23-0717.30.
- ++ The Saflex Storm Interlayer is manufactured by the Eastman Chemical Company, per NOA# 24-0312.10.
- ^^ The Trosifol PVB Interlayer is manufactured by the Kuraray America Inc, per NOA# 24-0205-08.

Mullions and Reinforcing:

Please see the charts on Sheets 6 (Single Spans), and 7 (Multi-Spans) of drawing AAT2-24 for allowable mullion lengths and pressures for the different combinations of mullions and reinforcing.

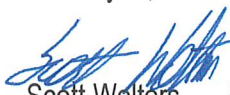
Mullions must be extruded from aluminum alloys listed on Sheets 41-45 of drawing AAT2-24.

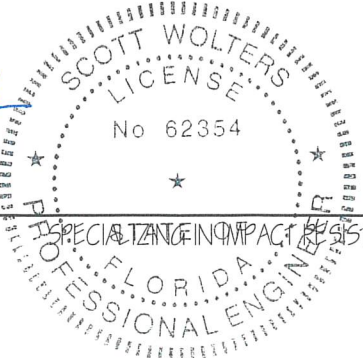
Anchors:

Please see the Anchor Tables on Sheets 24-27 & 32-34 of AAT2-24, and the corresponding details for the allowable anchors at the head and sill. The mid-span anchors are limited per the details and notes on Sheets 28-31.

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

Thank you,


Scott Wolters
FL PE# 62354
JUN 17 2026



Digitally signed
by Scott Wolters
Date: 2026.06.17
21:57:59 -04'00'

SPECIALTY IN IMPACT RESISTANT CURTAIN WALLS, STOREFRONTS, & WINDOWS