

Evaluation Report – 8400TL for FL41749

August 18, 2026

Product Description: 8400TL Fixed Window, Large and Small Missile Impact

Manufacturer: Kawneer Company, 555 Guthridge Court, Norcross, Georgia, 30092

Statement of Compliance: This report evaluates the above-listed product per the requirements of FAC Product Approval Rule Chapter 61G20-3.005 (4). This product complies with the requirements of the 9th Edition (2026) Florida Building Code including the HVHZ. The product testing standards performed are outlined below.

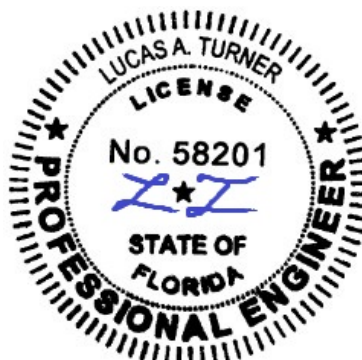
Technical Documentation:

- 1) This report, prepared by Lucas A. Turner, P.E., at 2428 Old Natchez Trc. Trl., Camden, TN
- 2) Approval drawing 8400TL-FPA (Rev. 2), signed and sealed by Lucas A. Turner, P.E.
- 3) Test reports M5312.01/02/03/05/06/07/08/09/10/11/12/13/14-550-44 and M5320.01/02-550-44 by Intertek Lithia Springs, GA, signed/sealed by Tanya Dolby, P.E., with testing performed with equivalency to: ASTM E283-12/19, ASTM E330-14/21, ASTM E331-23, ASTM E1886-13a/19, ASTM E1996-17/20 (Wind Zone 4), ASTM F842-14, and TAS 201/202/203-94
- 4) Supplemental Calculations to support 8400TL-FPA, signed and sealed by Lucas A. Turner, P.E.

Installation: Units must be installed according to approval document 8400TL-FPA.

Limitations of Use: This product:

- May be used in the configurations, sizes, maximum glass DLO sizes, and design pressures as shown in 8400TL-FPA
- Is large and small missile impact resistant and does not require the use of shutters in windborne debris regions
- May be used in the High Velocity Hurricane Zone
- Requires glazing as indicated in 8400TL-FPA, with Glazing Types 1A, 1B, 2A, 2B, 3A, and 3B approved for Large or Small Missile Impact, and Glazing Types 4A, 4B, 5A, and 5B approved for Small Missile Impact only.
- Requires the use of interlayers in accordance with 8400TL-FPA: Eastman Saflex PVB, Eastman Saflex CP (Storm), Eastman Saflex HP, Kuraray Butacite (Trosifol) PVB, or Kuraray Sentryglas, each per applicable current Miami-Dade NOA. I have evaluated these



Lucas Turner

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interlayer materials and find that they comply with the requirements of the 9th Ed. (2026) Florida Building Code for use in this product.

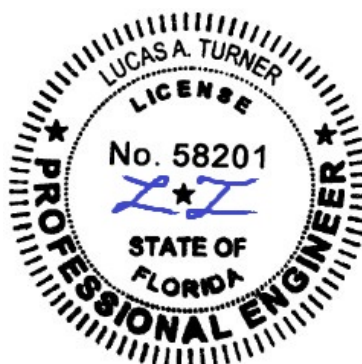
- Requires 6063-T6 aluminum extrusions as indicated in 8400TL-FPA

Coastal Compliance:

- Assembly and Installation fastener criteria other than described below shall be in accordance with 8400TL-FPA.
- Fasteners used in locations less than or equal to 300 ft from a saltwater coastline, where any portion of the fastener is located to the exterior of the Water-Resistive Barrier (WRB) of the wall construction, or is a Weather-Exposed Surface, or as otherwise required by the Authority Having Jurisdiction (AHJ), shall meet the criteria of FBC Sect. 1711.1.1.1
 - For wood and metal installation substrates, requires stainless steel, 100 ksi min. ult. (cold worked).
 - For concrete/masonry substrates requires 1/4" Simpson Strong-Tie Type 316 Stainless-Steel Titen Turbo or 1/4" Dewalt Aggre-Gator 300 Series SS fasteners.
 - In 2.67 ksi min. solid concrete, requires 1-3/4" min. embedment, Titen Turbo requires 2-1/2" min. edge distance, and Aggre-Gator requires 3" min. edge distance.
 - In grout-filled CMU, ASTM C-90, requires 2" min. embedment, and 2" min. edge distance.
- Fasteners used in locations less than or equal to 300 ft from a saltwater coastline, where the entire fastener is located to the interior of the WRB of the wall construction, or determined by the Registered Design Professional or AHJ for the project to be located within the Unconditioned Interior of the wall construction, or as otherwise required by the AHJ, shall meet the criteria of FBC Sect. 1711.1.1.2^{††}.
- Fasteners used in locations greater than 300 ft and up to 3000 ft from a saltwater coastline, in any Exterior/Interior location of the wall construction, or as otherwise required by the AHJ, shall meet the criteria of FBC Sect. 1711.1.1.2^{††}

^{††} Dewalt Ultracon+ as indicated in Table 1 meet these criteria with coating provided by the manufacturer. Climaseal on ITW TEKS fasteners also meet these corrosion resistance criteria. Other fasteners must be galvanized or otherwise coated in accordance with one of the standards provided in FBC Sect. 1711.1.1.2.

Certification of Independence: I do not have, nor do I intend to acquire, nor will I acquire, a financial interest in Kawneer Company or in any company manufacturing or distributing products for which this report is being issued. I do not have, nor do I intend to acquire, nor will I acquire, a financial interest in any other entity involved in the testing or approval process of this product.



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