

**Evaluation Report – 8400TL for FL41749**  
October 25, 2022

**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 7<sup>th</sup> Edition (2020) Florida Building Code including the HVHZ. The product testing standards performed are outlined below.

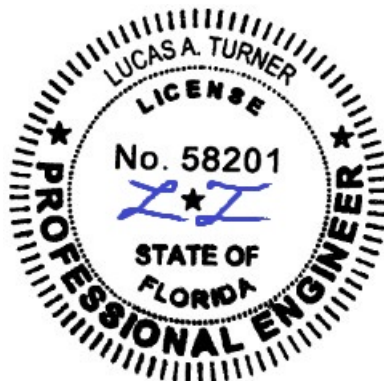
**Technical Documentation:**

- 1) This report, prepared by Lucas A. Turner, P.E., at 2428 Old Natchez Trc. Trl., Camden, TN
- 2) Approval drawing 8400TL-FPA, 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 E283-2012, ASTM E330-2014, ASTM E331-2009, ASTM E1886-2013a, ASTM E1996-2014a (Wind Zone 4), ASTM F842-2014, and TAS 201/202/203-1994
- 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:

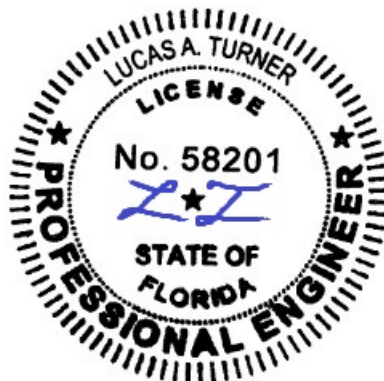
- May be used in the configurations, sizes, maximum glass DLO sizes, and design pressures as shown in 8400TL-FPA
- Is large and small missile impact resistant and does not require the use of shutters in windborne debris regions
- May be used in the High Velocity Hurricane Zone
- Requires glazing as indicated 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.



**Limitations of Use (continued):**

- Requires the use of Miami-Dade NOA approved interlayers as follows:
  - Eastman Saflex PVB per 21-0216.01
  - Eastman Saflex CP (Storm) per 20-0622.03
  - Eastman Saflex HP per 20-0622.02
  - Kuraray Butacite (Trosifol) PVB per 20-0915.22
  - Kuraray Sentryglas per 20-0915.19
- Requires 6063-T6 aluminum extrusions as indicated in 8400TL-FPA

**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.



10/25/2022  
Lucas A. Turner, P.E.  
FL PE #58201