

Evaluation Report – FPA-451T
August 17, 2023

Product Description: Trifab 451T Storefront, Non-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 8th Edition (2023) Florida Building Code for use outside the HVHZ. The product testing standards performed are outlined below.

Technical Documentation:

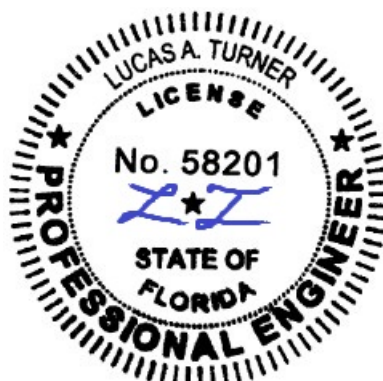
- 1) This report, prepared by Lucas A. Turner, P.E., at 2428 Old Natchez Trc. Trl., Camden, TN
- 2) Approval drawing FPA-451T, signed and sealed by Lucas A. Turner, P.E.
- 3) Test reports G049-0203-07 and G049-0605-07, by Hurricane Test Laboratory, signed and sealed by Vinu Abraham, P.E., with testing performed with equivalency to:
ASTM E 283-12/19, ASTM E330-14/21, ASTM E 331-09/16, and AAMA 501.1-15
- 4) Supplemental Calculations to support FPA-451T, signed and sealed by Lucas A. Turner, P.E.

Installation: Units must be installed according to approval document FPA-451T.

Limitations of Use: This product:

- May be used in the configurations, panel sizes, maximum glass DLO sizes, and design pressures as shown in FPA-451T
- Is non-impact resistant and requires the use of shutters in windborne debris regions
- May not be used in the High Velocity Hurricane Zone
- Requires glazing as indicated in FPA-451T
- Requires 6063-T6 aluminum extrusions as indicated in FPA-451T

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.



Lucas Turner
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8/17/2023
Lucas A. Turner, P.E.
FL PE #58201