TURNER
ENGINEERING &
CONSULTING, INC.

2428 Old Natchez Trace Trl.
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Evaluation Report – 451UT Center Pre Glaze
August 17, 2023

Product Description: Trifab 451UT Storefront, Non-Impact, Center, Pre Glaze

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 451UT-Cntr-PreGlaze (Rev. 1), signed and sealed by Lucas A. Turner, P.E.
3) Test reports K5941.01/02/03/04/05-550-47 by Intertek Lithia Springs, GA, with testing performed with equivalency to: AAMA 501-15, ASTM E 283-12/19, ASTM E 330-14/21, ASTM E 331-09/16, and ASTM E 547-16
4) Supplemental Calculations to support 451UT-Cntr-PreGlaze, signed and sealed by Lucas A. Turner, P.E.

Installation: Units must be installed according to approval document 451UT-Cntr-PreGlaze.

Limitations of Use: This product:

- May be used in the configurations, panel sizes, maximum glass DLO sizes, and design pressures as shown in 451UT-Cntr-PreGlaze
- 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 451UT-Cntr-PreGlaze
- Requires 6063-T6 aluminum extrusions as indicated in 451UT-Cntr-PreGlaze

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