

Evaluation Report – IR521 FG-PG NT/T/UT
June 16, 2026

Product Description: IR521 Field Glazed and Pre Glazed NT/T/UT Storefront, Impact Resistant

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 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 IR521-FPA, Original release, signed and sealed by Lucas A. Turner, P.E.
- 3) Test reports R3077.01-501-18-r0, R4237.01-501-18-r0, R4238.01-501-18-r0, R4239.01-501-18-r0, R4768.01-501-18-r1, R4769.01-501-18-r0, R4770.01-501-18-r0, R4771.01-501-18-r0, R4772.01-501-18-r0, R4774.01-501-18-r0, R4775.01-501-18-r0, R4776.01-501-18-r0, R4777.01-501-18-r0, R6322.01-501-18-r0, S4001.01/2/3/4/5/6-550-18-r0, S5558.01-550-18-r0, S5558.02-550-18-r0, S5558.03-550-18-r0, S9282.01/2/3/5/6-550-18-r0, T2645.01/3/5-550-18-r0, and T3252.01-501-18-r0, from Intertek Pittsburgh, PA, and Lithia Springs, GA, signed/sealed by Tanya Dolby, P.E., and T236-24, T241-24 and T249-24, from Farabaugh Engineering and Testing Inc., McKeesport, PA, signed/sealed by Daniel Farabaugh, P.E., with testing performed: AAMA 501-15 and TAS 201/202/203-94
- 4) Supplemental Calculations to support IR521-FPA, signed and sealed by Lucas A. Turner, P.E.

Installation: Units must be installed according to approval document IR521-FPA.

Limitations of Use: This product:

- May be used in the configurations, sizes, maximum glass DLO sizes, and design pressures as shown in IR521-FPA
- May be used in the High Velocity Hurricane Zone
- Is impact resistant and does not require the use of shutters in windborne debris regions complying with the applicable impact ratings / missile types. Requires glazing as indicated in IR521-FPA, with Glazing Types G-A, G-B, G-C, and G-D approved for Large Missile Level D, Glazing Type G-E approved for Large Missile Level E, and Glazing Type G-F approved for Small Missile Level A.
- Requires the use of interlayers Kuraray Sentryglas, Kuraray Trosifol PVB, Eastman Saflex PVB, or Eastman Saflex Storm (VS02), as indicated in IR521-FPA, per current Miami-Dade NOA. I have evaluated these interlayers and find that they comply with the requirements of the 8th Ed. (2023) Florida Building Code for use in this product.
- Requires as-tested 6063-T6 aluminum extrusions w/ or w/out steel reinforcement as indicated in IR521-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.



Lucas Turner
2026.06.16
11:24:16 -05'00'

6/16/2026
Lucas A. Turner, P.E.
FL PE #58201