TURNER
ENGINEERING &
CONSULTING, INC.

2428 Old Natchez Trace Trl.
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Evaluation Report – 5600 6" for FL20448
October 11, 2023

Product Description: 6" Deep Series 5600 Large and Small Missile Impact Curtain Wall System

Manufacturer: EFCO, 1000 County Road, Monett, Missouri

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 5600-FPA-6", signed and sealed by Lucas A. Turner, P.E.
3) Test reports 460113-04, 460413-01A/C, 460517-01F, 460816-01B1/B3D/E/G/H/J/K/L, 461004-01M, 461019-03A, and 461217-01, by Hurricane Test Laboratory, signed/sealed by Vinu Abraham, P.E., with testing performed with equivalency to: AAMA 501-15 and TAS 201/202/203-1994
4) Supplemental Calculations to support 5600-FPA-6", signed and sealed by Lucas A. Turner, P.E.

Installation: Units must be installed according to approval document 5600-FPA-6".

Limitations of Use: This product:

- May be used in the configurations, sizes, maximum glass DLO sizes, and design pressures as shown in 5600-FPA-6", or as approved in shop drawings by the Engineer of Record for each project
- 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 laminated glazing as indicated in 5600-FPA-6" Sheet 5 of 9 with appropriate interlayer type(s) as indicated for Large or Small Missile Impact rating required

Lucas Turner
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FL PE #58201

Limitations of Use (continued):

- Requires Miami-Dade County approved interlayers with current Miami-Dade NOA, as follows:
    - Eastman Saflex PVB (Small Missile Only)
    - Kuraray Butacite (Trosifol) PVB (Small Missile Only)
    - Eastman Saflex HP (Large and Small Missile)
    - Kuraray Sentryglas (Large and Small Missile)
    - OBE Stormglass (Saflex CP) (Large and Small Missile)
    - Saf-Glas Polycarbonate (Large and Small Missile)

  I have evaluated these interlayer materials and find that they comply with the requirements of the 8th Ed. (2023) Florida Building Code for use in this product.
- Requires 6063-T6 aluminum extrusions with or without A36 steel reinforcement as indicated in 5600-FPA-6"

Certification of Independence: I do not have, nor do I intend to acquire, nor will I acquire, a financial interest in EFCO 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.

10/11/2023
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