En3 Engineering & Consultancy

PRODUCT EVALUATION REPORT

Date: September 13, 2026

Product: **3200 IMPACT THERMAL STOREFRONT SYSTEM**
Large Missile Impact Resistant (HVHZ)

Manufacturer: **Trulite Glass and Aluminum Solutions**
1750 Founders Pkwy, Suite. 154,
Alpharetta GA, 30009
P (800) 432-8132

ERNESTO NICOLAS LICENSE No. 79198 STATE OF FLORIDA PROFESSIONAL ENGINEER

Ernesto Nicolas
Digitally signed by Ernesto Nicolas
Date: 2026.09.15 20:10:30 -04'00'

Prepared by: Ernesto Nicolas, P.E. FL #79198

Scope: This report evaluates the above listed product per the requirements of FAC Product Approval Rule Chapter 61G20-3.005, using Method 1-D (Engineering Evaluation). This product complies with the requirements of the 2026 Florida Building Code 9TH Edition, both inside and outside of the High Velocity Hurricane Zone.

Test Reports:

Tested in accordance with AAMA 501 & FBC Section 2411.3.2.1.1

Test Laboratory	Report Number	Test Report Date	Test Standard
Intertek	Q7425.01-450-18-R0, signed and sealed by Tanya Dolby, P.E. FL#93536 & Miami-Date Test Proposal No. 23-0639 dated July 21, 2023	October 02, 2024	TAS 202, TAS 201, TAS 203
Intertek	M3224.01-450-18-R0, signed and sealed by Vinu Abraham, P.E. FL#53820	December 13, 2021	TAS 202, TAS 201, TAS 203
Fenestration Testing Laboratory	12037, signed and sealed Idalmis Ortega, P.E. 76905	June 12, 2020	TAS 202, TAS 201, TAS 203
Fenestration Testing Laboratory	9425, signed and sealed by Idalmis Ortega, P.E. 76905	April 13, 2017	TAS 202, TAS 201, TAS 203
Fenestration Testing Laboratory	5956, signed and sealed by Julio Gonzalez, P.E. FL#37275	September 9, 2015	TAS 202, TAS 201, TAS 203
Fenestration Testing Laboratory	7458, signed and sealed by Marlin Brinson, P.E. FL#60749	October 21, 2013	TAS 202, TAS 201, TAS 203

Fenestration Testing Laboratory	5386, signed and sealed Michael R. Wenzel, P.E. 11490	January 26, 2008	TAS 202, TAS 201, TAS 203
Fenestration Testing Laboratory	5140, signed and sealed by Idalmis Ortega, P.E. 76905	January 20, 2007	TAS 202, TAS 201, TAS 203
Fenestration Testing Laboratory	2109, reviewed by Edmundo Largaespada, P.E.	October 13, 1998	TAS 202, TAS 201, TAS 203

Technical Documentation:

Installation Drawings #23FL-102 Rev. 3, Signed and Sealed by Ernesto Nicolas, P.E. (FL# 79198)

Limitations of Use for this product:

- See Installation Drawings #23FL-102 Rev. 3 for approved anchor methods and spacing.
- Product is impact rated and does not require the use of shutters in windborne debris regions.
- May be used inside and outside the High Velocity Hurricane Zone.
- See Installation Drawings #23FL-102 Rev. 3 for size and design pressure limitations.
- Site conditions that deviate from the Installation Drawings #23FL-102 Rev. 3 require further engineering analysis by a licensed engineer or registered architect.