

ENGINEERING EXPRESS® (EX) PRODUCT EVALUATION REPORT

July 31, 2026

Application Number: FL 8648.1
EX Project Number: 26-98565

Product Manufacturer: Elite Aluminum Corporation
Manufacturer Address: 4650 Lyons Technology Parkway
Coconut Creek, FL 33073

Product Name & Description: Elite 3000 Aluminum Outswing Prime Entry Door
Large/Small Missile Impact Resistance

Scope of Evaluation:

This Product Evaluation Report is being issued in accordance with the requirements of the Florida Department of Business and Professional Regulation (Florida Building Commission) Rule Chapter 61G20-3.005, F.A.C., for statewide acceptance per Method 1 (d). The product noted above has been tested and/or evaluated as summarized herein to show compliance with standard ASCE 7-22 (ASD) and the Florida Building Code Ninth Edition (2026) and is, for the purpose intended, at least equivalent to that required by the Standard and Code. Re-evaluation of this product shall be required following pertinent Florida Building Code or ASCE Standard modifications or revisions.

Substantiating Data:

- **PRODUCT EVALUATION DOCUMENTS**

EX Performance Evaluation document # 26-98565 titled "Elite 3000 Aluminum Outswing Prime Entry Door Large/Small Missile Impact Resistance", prepared by Engineering Express, Inc., signed & sealed by Frank Bennardo, P.E. is an integral part of this Evaluation Report, pages 1 through 10.

- **TEST REPORTS**

The product has been tested per the following:

Uniform static structural performance has been tested in accordance with TAS 201 test standards per test report(s) #HETI-06-4070 by Hurricane Engineering & Testing, Inc (HETI), Signed by Rafael E. Droz-Seda, P.E. and report #HETI-09-2509A signed by Candido F. Font, PE.

Large missile impact resistance and cyclic loading performance have been tested in accordance with TAS 201 & 203 test standards per test report(s) #HETI-06-4071 by Hurricane Engineering & Testing, Inc (HETI), Signed by Rafael E. Droz-Seda, P.E. and report #HETI-09-2509B signed by Candido F. Font, PE.

Elite Aluminum Corporation – Elite 3000 Aluminum Outswing Prime Entry Door Large/Small Missile Impact Resistance

• **STRUCTURAL ENGINEERING CALCULATIONS**

Structural engineering calculations have been prepared which evaluate the product based on comparative and/or rational analysis to qualify the following design criteria:

1. Anchor Spacing
2. Maximum Allowable Size/Pressure Combinations

The following are approved for use in the HVHZ as specified in their corresponding NOA:
Sentryglas Interlayer by Kuraray America (NOA # 26-0625.02)

Impact Resistance:

Large/Small Missile Impact Resistance has been demonstrated as evidenced in previously listed test reports, and is accounted for in the engineering design of this product.

Wind Load Resistance:

This product has been designed to resist wind loads as indicated on its respective Performance Evaluation document (i.e. engineering document).

Installation:

The product listed above shall be installed in strict compliance with the Performance Evaluation document (i.e. engineering document), along with all components noted therein.

The product components shall be of the material specified in the Performance Evaluation document (i.e. engineering document).

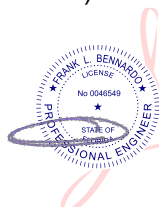
Limitations & Conditions of Use:

Use of each product shall be in strict accordance with its respective Performance Evaluation document (i.e. engineering document) as noted herein.

All supporting host structures shall be designed to resist all superimposed loads and shall be of a material listed in each product's respective anchor schedule. Host structure conditions which are not accounted for in each product's respective anchor schedule shall be designed for on a site-specific basis by a registered professional engineer.

All components which are permanently installed shall be protected against corrosion, contamination, and other such damage at all times. Any alteration to the respective Performance Evaluation document will invalidate it. This product has been designed for use inside and outside of the High Velocity Hurricane Zone (HVHZ & NON-HVHZ).

Respectfully,



Digitally signed
by Frank
Bennardo
Date:
2026.08.18
14:17:22 -04'00'

Frank Bennardo, P.E.
ENGINEERING EXPRESS®
#PE0046549 | Cert. Auth. 9885

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