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Florida Certificate of Authorization #30903

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**Product Evaluation Report**  
**C3 Thermally Broken Transom(HVHZ)**  
**-Large and Small Missile Impact Resistant-**

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**1.0 Product Manufacturer:** Euro-Wall Systems, LLC  
24100 Tiseo Blvd.  
Pt. Charlotte, FL 33980

**2.0 Code edition:** Florida Building Code 5th edition (2014)-Building Volume  
Florida Building Code 5th edition (2014)-Residential Volume

**3.0 Evaluation Method:** Engineering Evaluation (method 1D) in accordance with 61G20-3 F.A.C.

**4.0 Product Category:** Windows  
4.1 Product Sub-Category: Fixed

**5.0 Product Description:**

- 5.1 Exterior Frame-Thermally broken (polyamide iso-strut) extruded aluminum (6063-T6)
- 5.2 EPDM Glazing Gasket-conforms to ASTM C864-05
- 5.3 Glazing- Laminated Insulated Glass Unit consisting of  
Glass Type 1-1"Overall IGU (1/8" FT-A.S.-3/16" A.-.090" SG-3/16" A)
- 5.4 Glazing Method-Dry Glazed with a clear silicone cap seal on the exterior
- 5.5 Drainage- None

**6.0 Code Testing Performance Requirements (HVHZ)**

- 6.1 TAS 201-94 Impact Test Procedures
- 6.2 TAS 202-94 Criteria for Testing Impact and Non-Impact Resistant Building Envelope  
Components Using Uniform Static Air Pressure
- 6.3 TAS 203-94 Criteria for Testing Products subject to Cyclic Wind Pressure Loading

**7.0 Performance Test Results:**

- 7.1 TAS 201-94, TAS 202-94 and TAS 203-94 test results on Architectural Testing, Inc.  
Report Number D2745.01-401-18 tested at 2250 Massaro Blvd. Tampa, Florida 33619 signed  
and sealed by Shawn G. Collins, P.E. (FL TST 4311)
- 7.2 Design Pressure Rating (+60.0/-60.0) psf
- 7.3 Impact Resistance-Large Missile
- 7.4 Water Infiltration Performance-9.0 psf
- 7.5 ASTM C864-05, report number 75308, prepared by Hexpol compounding

**8.0 Engineering Analysis and Evaluation:**

- 8.1 Installation Anchorage Analysis signed and sealed by Thomas D. Sullivan, P.E. for multiple  
substrates
- 8.2 Engineering Evaluation report signed and sealed by Thomas D. Sullivan, P.E. for conformance  
to the Florida Building Code 5th edition (2014)
- 8.3 Glazing complies with ASTM E 1300

**9.0 Installation Instructions:**

9.1 Installation instructions signed and sealed by Thomas D. Sullivan, P.E. for the C3 thermally broken transom

**10.0 Limits and Conditions of Use:**

- 10.1 Limited to the 116-1/8" x 36" modular frame size (mulled combinations are acceptable)
- 10.2 Unit can either be orientated horizontally or vertically (transom or sidelite)
- 10.3 Limited to non-shuttered applications inside and outside of the HVHZ where the project specific allowable stress design pressure does not exceed +60/-60 psf when determined in accordance with ASCE 7-10
- 10.4 Alternate conditions not specifically addressed by this approval shall be designed by a registered Florida Professional Engineer or Architect
- 10.5 The structural adequacy of the substrate bearing the wind loads superimposed by this product are the responsibility of others
- 10.6 Conformance to the requirements of the Florida Building Energy, as applicable, are not included in the scope of this evaluation.

**11.0 Certificate of Independence:** Pursuant to the requirements of 61G20-3 F.A.C, I hereby certify that this Florida Professional Engineer, performing this evaluation, does not have nor will acquire an interest in any company manufacturing or distributing products for which the report is being issued. This is also to certify that this Florida Professional Engineer, does not have, nor will acquire a financial interest in any other entity involved in the approval process of this product.

**12.0 Certification:** In the professional opinion of this evaluating engineer the aforementioned product, C3 Thermally Broken Transom assembly meets the requirements of the Florida Building Code 5th edition for non-shuttered use in the HVHZ when utilized within the limits of use noted herein.

