Product Evaluation Report
for
Euro-LS100 Lift and Slide Sliding Glass Door (HVHZ)

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


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

4.0 Product Category: Exterior Doors
   3.1 Product Sub-Category: Sliding Exterior Door Assemblies

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

6.0 Product Description:
   6.1 Exterior Frame-Thermally broken (polyamide iso-strut) extruded aluminum (6063-T6)
   6.2 Panels-Thermally broken (polyamide iso-strut) steel reinforced, extruded Al. rails and stiles
   6.3 EPDM Glazing Gasket-conforms to ASTM C864-05
   6.4 Glazing- Laminated Insulated Glass Unit consisting of
      Glass Type 1-1"Overall IGU (3/16"F.T.-3/8"A.S.-3/16" H.S.-.090" SG-3/16" H.S.)
   6.5 Glazing Method-Dry Glazed with a continuous heal-bead of Dow Corning 995
   6.6 Drainage- Euro-Drain (injection molded plastic drainage system at each interlock)
   6.7 Multi-Point Locking System- at interlock stiles and jamb stiles consisting of pauls and keepers
      spaced at a nominal 17.5" o.c.

7.0 Code Testing Performance Requirements (HVHZ)
   7.1 TAS 201-94 Impact Test Procedures
   7.2 TAS 202-94 Criteria for Testing Impact and Non-Impact Resistant Building Envelope
      Components Using Uniform Static Air Pressure
   7.3 TAS 203-94 Criteria for Testing Products subject to Cyclic Wind Pressure Loading

8.0 Performance Test Results:
      Report Number E1099.01-401-18 tested at 2250 Massaro Blvd. Tampa, Florida 33619 signed
      and sealed by Justin P. McDonald, P.E.
   8.2 Design Pressure Rating (+50.0/-50.0) psf
   8.3 Impact Resistance-Large Missile
   8.4 Water Infiltration Performance-7.5 psf
   8.5 Air Infiltration @ 1.57 psf= 0.16 cfm/ft^2
   8.6 Air Infiltration @ 6.24 psf= 0.41 cfm/ft^2
   8.7 ASTM C864-05, report number 75308, prepared by Hexplo compounding
9.0 Engineering Analysis and Evaluation:
   9.1 Installation Anchorage Analysis signed and sealed by Thomas D. Sullivan, P.E. for multiple substrates
   9.2 Comparative analysis for alternate sizes within the tested square footage as allowed by the Florida Building Code, signed/sealed by Thomas D. Sullivan, P.E.

10.0 Installation Instructions:
   10.1 Installation instructions titled Euro-LS100 HVHZ Installation Instructions signed and sealed by Thomas D. Sullivan, P.E. on 8/19/2015

11.0 Limits and Conditions of Use:
   11.1 Limited to the sizes shown on the accompanying installation drawings
   11.2 Limited to non-shuttered applications inside and outside of the HVHZ where the project specific allowable stress design pressure does not exceed +50/-50 psf when determined in accordance with ASCE 7-10
   11.3 Alternate conditions not specifically addressed by this approval shall be designed by a registered Florida Professional Engineer or Architect
   11.4 The structural adequacy of the substrate bearing the wind loads superimposed by this product are the responsibility of others

12.0 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.

13.0 Certification: In the professional opinion of this evaluating engineer the aforementioned product, Euro-LS100 Lift and Slide Sliding Glass Door 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.

[Signature]
Thomas D. Sullivan, P.E.
FL PE 55358
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