



ENGCO Inc.
Engineering Services

ENGCO, Inc. - CA 8116
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PRODUCT EVALUATION REPORT
RULE 61G20-3 - EVALUATION REPORT FROM A PROFESSIONAL ENGINEER
Report Number: 17-884

- 1- Date:** 12/16/2017
- 2- Manufacturer:** Premium Estates S.A.C.
Lima - Peru
- 3- Product Name:** Series C4000 Mahogany Casement Impact Windows
- 4- Evaluation Entity:** Florida Professional Engineer
Pedro Paulo M. De Figueiredo - PE 52609
1791 Blount Road 907
Pompano Beach - Florida 33069

5- Statement of Compliance: This product evaluation report is being issued per Rule 61G20-3 of the Florida Department of Business and Professional Regulation. The product covered by this report has proven to be in compliance with the Florida Building Code 2017, 6TH edition, included but not limited to the following standards: TAS 201, TAS 202, TAS 203 and AF&PA NDS 2015.

6- Product Description: This product is a casement type window designed, constructed and tested to provide protection from hurricane force winds and wind-borne debris (Large & small missile) within the allowable designed pressures and limitations state in this approval. Specification, fabrication and installation are as per drawings 17-884 (FBC 2017) replacing previous approved drawing 15-203 (FBC 2014).

7- Technical Documentation:

7.1- Approval Document: Drawings number 17-884 prepared by Engco, Inc. on 12/16/2017 sheets 1 through 11 of 11, titled "Series C4000 Mahogany Casement Impact Windows" signed and sealed by Pedro De Figueiredo, PE.

7.2- Test Reports – TAS 202, TAS 201 (Large missile) and TAS 203 as per the Florida Building Code prepared by Hurricane Engineering & Testing Inc., reports #: 07-4321, 06-4066, 05-1455, 05-1960, 05-1961 and 05-1962.

7.3- Calculations: No calculations required for this code cycle.

7.4- Product sequential data:

FBC 2007 - FL 13534

FBC 2010 - FL 15499

FBC 2014 – FL 15499 R1

FBC 2017 – 6th edition – updated drawings 17-884

8- Limitation and Conditions of use:

8.1 – Product to be manufactured, designed and installed as per drawing specifications 17-884, prepared by Engco, Inc dated on 12/16/17 and signed and sealed by Pedro De Figueiredo, PE.

9- Statements:

9.1- Letter of authorization transferring products from Madena SA to Premier Estate SAC.

