



**ENGCO Inc.**  
Engineering Services

ENGCO, Inc.  
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**PRODUCT EVALUATION REPORT**

**Report Number: 06-231**

**Sheet 1 of 1**

**1- Date:** 8/4/06

**2- Manufacturer:** Florida Blinds & Shutters, Inc.  
1271 Laquinta Drive, suite #5  
Orlando - Florida - 32809

**3- Product Name:** Advanced Roll System  
Rolling Shutter

**4- Evaluation Entity:** Florida Professional Engineer  
Pedro Paulo M. De Figueiredo - PE 52609  
6971 W. Sunrise Blvd. Suite 104  
Plantation - Florida - 33313

**5- Statement of Compliance:** This product evaluation report is being issued as per Rule Chapter No. 9B-72 section 9B-72.070 (1d) of Department of Community Affairs - Florida Building Commission. The products covered by this report have proved to be in compliance with the Florida Building Code 2004.

**6- Product Description:** This product is a Rolling Type Shutter designed, constructed and erected to easily enclose an area, providing protection from hurricane force winds and large missile windborne debris within the allowable designed pressures and limitations stated in this approval.

**7- Supporting Technical Data:**

**7.1- Approval Document:** Drawing number 06-231 prepared by Engco, Inc. on 8/4/06 sheets 1 through 4 of 4, titled "Advanced Roll System - Rolling Shutter" signed and sealed by Pedro De Figueiredo, PE.

**7.2- Test Reports** - Construction Testing Corporation CTC 06-023 ASTM and CTC 06-025 ASTM reports dated on 7/31/06 and signed and sealed by Yamil Kuri, P.E.

**7.3- Calculations:** Calculations and design for slats, track anchorage and analysis of test results, prepared by Engco, Inc. on 8/2/06 signed and sealed by Pedro De Figueiredo, PE.

**8- Limitation and Conditions of use:**

**8.1** - Product to be installed only outside the "High Velocity Hurricane Zones" (Miami and Broward Counties) as defined on section 1620.2 of the Florida Building Code

**8.2** - Product to be manufactured, designed and installed as per drawing specifications 06-231, prepared by Engco, Inc dated on 08/04/06 and signed and sealed by Pedro De Figueiredo, PE.

**AUG 04 2006**  
Pedro De Figueiredo  
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System ID: 2504