



ENGCO Inc.  
Engineering Services

ENGCO, Inc.  
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**PRODUCT EVALUATION REPORT**

**Report Number: 03-318**

**Sheet 1 of 1**

**1- Date:** 1/10/04

**2- Manufacturer:** Innovative Protective Products, LCC  
742 NE Jensen Beach Blvd.  
Jensen Beach – Florida 33334

**3- Product Name:** CPC 55mm  
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 2001.

**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 03-318 prepared by Engco, Inc. on 12/30/03 sheets 1 through 9 of 9, titled “CPC 55mm Rolling Shutter” signed and sealed by Pedro De Figueiredo, PE.

**7.2- Test Reports** – Construction Testing Corporation CTC 03-022 ASTM report dated on 10/31/03 and signed and sealed by Yamil Kuri, P.E.

**7.3- Calculations:** Calculations and design for slats, track anchorage, mullions and analysis of test results, prepared by Engco, Inc. on 11/26/03 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 Zones” (Miami and Broward Counties) as defined on section 1619.2 of the Florida Building Code

**8.2** – Product to be manufactured, designed and installed as per drawing specifications 03-318, prepared by Engco, Inc dated on 12/30/03 and signed and sealed by Pedro De Figueiredo, PE.

**9- Certification of Independence:** In compliance with Chapter 9B-72, rule 9B-72.110, there is no financial relationship between the manufacturer and the laboratory with Engco, Inc. and/or its officers.

Pedro De Figueiredo  
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System ID: 2504