



PRODUCT EVALUATION REPORT


1. **Report No:** 5114.01
2. **Date:** April 7, 2008
3. **Product Category:** Shutters
4. **Product Sub-Category:** New/Innovative Envelope Products
5. **Other Sub-Category:** Wind Abatement Screen
6. **Product Name:** Smart Screen Wind Abatement System
7. **Evaluation Entity:** Arnold/Sanders Consulting Engineers, Inc.
16681 McGregor Blvd, Suite 102
Fort Myers, FL 33908
239-267-3666
8. **Manufacture:** Storm Smart Industries
6182 Idlewild Street
Fort Myers, FL 33966
239-278-9092

9. Product Description:

Polypropylene Screen Panels for Impact Protection of openings using Roll-up Screens. These Screen Systems can be used for new installations or for replacement of existing shutters.

10. Statement of Compliance:

This product evaluation report is issued by Arnold/Sanders Consulting Engineers, Inc to Storm Smart Industries in accordance with Section 9B-72.070 Method 1D, F.A.C., Department of Community Affairs-Florida Building Commission. The product covered by this report has been verified to be in compliance with the Florida Building Code, 2004 Edition with 2006 Revisions and meets the impact and wind resistances requirements of section 1609.1.4.

A circular professional engineer seal for Trevor Johnson, P.E., with the text "TREVOR JOHNSON, P.E." and "FLORIDA PROFESSIONAL ENGINEERS" around the perimeter. The seal is stamped over the signature and date.
Trevor Johnson
4-7-08
Trevor Johnson, P.E.
Reg. FL # 65624

11. Evidence Submitted as per Subsection 9B-72.070(4)(a-h):

- (a) Section 8. and 7. of this report.
- (b) Section 10. of this report.
- (c) Section 9. of this report and signed and sealed drawings for this product.
- (d) Testing Reports:

Fenestration Testing Laboratory, Inc.

Date: December 8, 2007

Laboratory No. 5451

Report No. 02

File No. 07-508

Testing for large missile impact, cycle loading and uniform static load in accordance with ASTM Standards E330-02, E1886-05 and E1996-05.

Fenestration Testing Laboratory, Inc.

Date: December 7, 2005

Laboratory No. 4750

Report No. 04

File No. 05-422

Testing for large missile impact, cycle loading and uniform static load in accordance with ASTM Standards E330-02, E1886-02 and E1996-02.

- (e) Approval Document titled "Smart Screen Wind Abatement Screen System", dated 3/28/08, Sheet 1 of 5 through Sheet 5 of 5, Signed and Sealed by Trevor Johnson, P.E.
- (f) Section 12. of this Report.
- (g) Provided on separate Document.
- (h) Signature and Seal of Engineer on this Report.

12. Limitation and Condition of Use:

12.1. Product not to be installed in the "High Velocity Hurricane Zone" as defined in the Section 1620 of Florida Building Code, 2004 Edition with 2006 Revisions.

12.2. Product to be manufactured and installed strictly in accordance with Approval Document titled "Smart Screen Wind Abatement Screen System", dated 3/28/08, Sheet 1 of 5 through Sheet 5 of 5, Signed and Sealed by Trevor Johnson, P.E.

