

BUILDING CODE COMPLIANCE OFFICE  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901  
FAX (305) 375-2908

September 7, 2010

PRODUCT CONTROL DIVISION  
(305) 375-2902  
FAX (305) 372-6339

Mr. Theodore Berman, PE  
Ted Berman and Associates, LLC  
925 41st Street  
Suite 104  
Miami Beach, FL 33140

**Re: Complaints for  
FL10654 – Custom Hurricane Products, Inc. and  
FL8363-RI – Armor Screen Corp.**

Dear Mr. Berman:

This letter is to formally request initiation of an investigation Pursuant to Rule 9B-72.170 for each of the referenced FL approvals for failure to list information critical for an engineer specifying such products.

Each of the referenced approvals is deficient in listing the transferred catenary load in order to determine the adequate strength of corresponding structure supports. This aspect of the limits of use is needed to correctly process a building permit.

This matter is further corroborated by the enclosed referral, which references the two mentioned FL approvals.

We request that this complaint be placed on the next scheduled Product Approval Program Oversight Committee (POC) agenda so that said investigations are effected.

If we can be of additional assistance or you have any questions, please feel free to contact us accordingly.

Sincerely,



Jaime D. Gascon, P.E.  
Chief  
Product Control Division

Enclosures

cc Mo Madani, P.E., Florida Department of Community Affairs  
Dariusz Reczek, P.E., Structural Engineer – City of Coral Gables



## The City of Coral Gables

*Building and Zoning Department*

*ISO Class 1*

CITY HALL, 405 BILTMORE WAY  
CORAL GABLES, FLORIDA 33134

August 25, 2010

Mr. Jaime Gascon, PE  
Product Control Division Chief  
Miami Dade County  
Building Code Compliance Office  
140 W. Flagler Street  
Miami, FL 33128

Dear Mr. Gascon,

Within the past few weeks, our office received several submittals incorporating Florida State Approved products which appear to be missing information critical for an Engineer specifying such products in order to determine adequate strength of corresponding supports.

The two readily available examples are FL 10654 and FL 8363 R1, both fabric screen shutters, where the State Approved drawings do not appear to list additional reactions reflecting catenary-type behavior of the product. Such reactions, occurring concurrent with the 'direct' loads, are typically substantial and their magnitude well in excess of that of the 'direct' loads. This, in our professional opinion, well warrants a mention within the drawings together with a requirement for verification of adequacy of the supporting structure(s).

In the past, our office has seen numerous submittals proposing anchoring such screens to sidewalks, wood beams or similar structures presumably not originally intended to serve as anchorage for such shutters. Frequently, following our request for calculations by the shutter design engineer, we found that additional loads were in excess of a thousand pounds per liner foot resulting in the Contractor having to either (i) select an alternative product or (ii) considerably strengthen the supports.

As use of the fabric shutters is becoming more commonplace, we wish to ask for your assistance in bringing this matter to the State's attention.  
Thank you.

Sincerely,

A handwritten signature in black ink, appearing to read "D. Reczek".

Dariusz Reczek, PE  
Structural Engineer  
City of Coral Gables



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**Product Approval**  
user: Public User

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 **Application Detail**

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- ▶ OFFICE OF THE SECRETARY

**FL #** FL10654  
**Application Type** New  
**Code Version** 2007  
**Application Status** Approved  
**Comments** Archived

**Product Manufacturer** Custom Hurricane Products Inc.  
**Address/Phone/Email** 4643 73rd st e  
 Bradenton, FL 34203  
 (866) 568-3520  
 Bob@EZ-screens.com

**Authorized Signature** Robert DeBoth  
 Bob@EZ-screens.com

**Technical Representative**  
**Address/Phone/Email**

**Quality Assurance Representative**  
**Address/Phone/Email**

**Category** Shutters  
**Subcategory** Fabric Storm Panel

**Compliance Method** Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer  
 ✓ Evaluation Report - Hardcopy Received

**Florida Engineer or Architect Name who developed the Evaluation Report** David G. Karins  
**Florida License** PE-52677  
**Quality Assurance Entity** National Accreditation and Management Institute  
**Quality Assurance Contract Expiration Date** 12/31/2011  
**Validated By** Michael Biller  
 ✓ Validation Checklist - Hardcopy Received

**Certificate of Independence** [FL10654\\_R0\\_CDI\\_Certificate of Independence.pdf](#)

Referenced Standard and Year (of Standard)	Standard	Year
	ASTM E1996	2002
	ASTM E283	1991
	ASTM E330	2002
	TAS 201-94	2007
	TAS 202-94	2007
	TAS 203-94	2007

**Equivalence of Product Standards**  
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FL # **FL8363-R1**  
 Application Type **Revision**  
 Code Version **2007**  
 Application Status **Approved**  
 Comments **11/10/09: QA Expiration Date updated to 12/31/2011 by TB&A.**  
 Archived **-**

Product Manufacturer **Armor Screen Corp.**  
 Address/Phone/Email **1881 Old Okeechobee Road  
 West Palm Beach, FL 33409  
 (561) 841-8890  
 danr@armorscreen.com**

Authorized Signature **Daniel Reames  
 danr@armorscreen.com**

Technical Representative  
 Address/Phone/Email

Quality Assurance Representative  
 Address/Phone/Email

Category **Shutters**  
 Subcategory **Products Introduced as a Result of New Technology**

Compliance Method **Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer**  
 Evaluation Report - Hardcopy Received

Florida Engineer or Architect Name who developed the Evaluation Report **Gary D. Foreman P.E., S.E., A.I.A.**  
 Florida License **PE-57343**  
 Quality Assurance Entity **National Accreditation and Management Institute**  
 Quality Assurance Contract Expiration Date **12/31/2011**  
 Validated By **Terrence E. Lunn, PE**  
 Validation Checklist - Hardcopy Received

Certificate of Independence **[FL8363\\_R1\\_COI\\_8363\\_R1\\_Cert\\_of\\_Independence\\_11-15-07.pdf](#)**

Referenced Standard and Year (of Standard)	Standard	Year
	ASTM E 1886	2005
	ASTM E 1996 Level E	2005
	ASTM E 330	2002
	HVHZ	2007
	TAS 201	1994
	TAS 202	1994
	TAS 203	1994

Equivalence of Product Standards

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Sections from the Code

Product Approval Method Method 1 Option D

Date Submitted 11/16/2007

Date Validated 05/14/2008

Date Pending FBC Approval 04/14/2008

Date Approved 06/10/2008

Summary of Products		
FL #	Model, Number or Name	Description
8363.1	Armor Screen HVHZ Grommet and Hemcord System, Series 2000	Armor Screen HVHZ Grommet and Hemcord System, Series 2000
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> Yes <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> Yes <b>Design Pressure:</b> +110/-115.5 <b>Other:</b> This system is compliant with the HVHZ with the use of a deflection device. Outside the HVHZ and as per ASTM standards, no glass separation is required, however the glass may break with any size screen. The un-breached envelope criterion is met since the system is considered 'non-porous' and remains intact under impact and air pressure loading. The system is to enclose the protected opening all around.		<b>Installation Instructions</b> FL8363_R1_II_Installation_Instructions_FL_8363_R1_HVHZ_Pg_1-10.pdf FL8363_R1_II_Installation_Instructions_FL_8363_R1_HVHZ_Pg_11-20.pdf Verified By: Gary D. Foreman P.E., S.E., A.I.A. PE-57343 Created by Independent Third Party: No <b>Evaluation Reports</b> FL8363_R1_AE_8363_R1_Pneumatic_FenTest_8.25.07.pdf FL8363_R1_AE_Evaluation_Letter_FL_8363-R1_4-5-08.pdf FL8363_R1_AE_FL_8363_R1_Grommet_Test.pdf FL8363_R1_AE_FL_8363_R1_Hemcord_Test.pdf FL8363_R1_AE_FL_8363_R1_Lg_C-Channel_Side_Rail_Test.pdf FL8363_R1_AE_FL_8363_R1_Pneumatic_Test_Three.pdf FL8363_R1_AE_FL_8363_R1_Pneumatic_Test_Two.pdf Created by Independent Third Party: Yes

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Department of Community Affairs  
 Florida Building Code Online  
 Codes and Standards  
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 Tallahassee, Florida 32399-2100  
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Product Approval Accepts:

