PRODUCT EVALUATION REPORT

1. Application Number: FL 812

2. Date: February 22, 2012


4. Product Sub-Category: Other / Wind Abatement Screen

5. Product Name: Armor Screen Series 2000

6. Evaluation Entity: Gary D Foreman PE, SE, AIA, PA
   1239 McGregor Woods Circle
   Fort Myers, Florida 33908
   (239) 989-3887

7. Manufacturer: Armor Screen Corporation
   1881 Old Okeechobee Road
   West Palm Beach, Florida 33409
   (561) 841-8890

8. Product Description: A flexible wind abatement and impact protection system. This system may be used for new or existing construction or for retrofit of traditional hurricane protection.

9. Statement of Compliance: This product evaluation report is issued by Gary D Foreman PE, SE, AIA PA to Armor Screen Corporation 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, 2010 Edition and ASCE / SEI 7-10

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10. Evidence Submitted per Subsection 9B-72.070(4)(a-h)
   a. Sections 6 and 7 of this report.
   b. Section 9 of this report.
   c. Section 8 of this report.
   d. Testing Reports:

Hurricane Testing Laboratory, Inc.
6655 Garden Road
Riviera Beach, FL 33404
Test Date: April 14, 2003
Testing of 6'6" x 10'-0" geotextile fabric storm protection screen for impact and static air pressure per section 1619 of the Florida Building Code and Test Protocol TAS 202. TAS 02, and TAS 203.

Hurricane Testing Laboratory, Inc.
6655 Garden Road
Riviera Beach, FL 33404
Test Date: May 30, 2001

Hurricane Testing Laboratory, Inc.
6655 Garden Road
Riviera Beach, FL 33404
Test Date: May 6, 1998, Clarified January 20, 2003
Testing of 6'-6" x 10'-0" geotextile fabric storm protection screen for impact per section 1619 of the Florida Building Code and Test Protocol TAS 201 and ASTM E1886, E 1996.

Hurricane Testing Laboratory, Inc.
6655 Garden Road
Riviera Beach, FL 33404
Test Date: March 16, 1998
Testing of 6'-6" x 10'-0" geotextile fabric storm protection screen for impact per section 1619 of the Florida Building Code and Test Protocol TAS 201 for impact testing.

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Hurricane Testing Laboratory, Inc.
6655 Garden Road
Riviera Beach, FL 33404
Test Date: March 1, 2003
Testing of 24'-0" x 6'-0" geotextile fabric storm protection screen for impact and static air pressure per section 1619 of the Florida Building Code and Test Protocol TAS 201 and ASTM E1996.

Hurricane Testing Laboratory, Inc.
6655 Garden Road
Riviera Beach, FL 33404
Test Date: June 17, 2006
Testing of 3/8" diameter and 1/2" diameter A307 lag bolts with open turned eyes.

11. Storm bars as noted on sheet 4 of 8 of the 'Armor Screen Installation Instructions' as adequate as noted..

12. Pressure noted as 136.6 psf is derived from 130 psf test pressure increased by 5% per negative pressure increase allowance from 5% screen porosity and flaps on two sides. See note ** on page 2 of 8 of Armor Screen Installation Instructions.

13. As per ASTM E 1886 and ASTM 1996 standards, no glass separation is required for this screen system installation, 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.

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