

Product Approval Evaluation Report

FL# 320-R11 (10/23/23)

Product Manufacturer

Armor Screen Corporation.
2744 Hillsboro Road
West Palm Beach, FL 33405

Product Name and Description

Armor Screen HVHZ Hemcord Roll-up System
A flexible wind abatement and impact protective system

Code Compliance:

We have reviewed the plans and drawings for the above-mentioned product and find them in compliance with the requirements of the Florida Building Code 8th Edition (2023) and as per Rule 61G20-3

Supporting Documents:

- a. Fenestration Testing Laboratory, Inc., File No.: 07-482, Lab No.: 5174, Report No.:01
Fenestration Testing Laboratory, Inc., File No.: 07-482, Lab No.: 5180, Report No.:02
Fenestration Testing Laboratory, Inc., File No.: 07-482, Lab No.: 5279, Report No.:03
ASTM E330-02, ASTM E1886-05, ASTM E1996-05
- b. Fenestration Testing Laboratory, Inc., File No.: 07-482, Lab No.: 5446, Report No.:04
Fenestration Testing Laboratory, Inc., File No.: 07-482, Lab No.: 5533, Report No.:01
ASTM E330-02, ASTM E1886-05, ASTM E1996-05, TAS 201, TAS 202, TAS 203
- c. Blackwater Testing, Inc., Miami Dade Certification: #17-1010.33, Report No.:BT-ARM-18-002
ASTM E330-14, ASTM 1996-14a, ASTM 1886-13a TAS 201, TAS 202, TAS 203
- d. Installation Instructions, Armor Screen HVHZ Hemcord Roll-up System, Revision Date 10/23/2023

Limitations and Conditions of use:

- Maximum allowable design pressure: +110/-110 psf
- Maximum Span: Hemcord 288"
- All supporting host structures shall support the superimposed loads indicated on Installation Instructions.
- This product is for use within and outside of the High Velocity Hurricane Zones (HVHZ).
- The separation from glass is required only when system is installed within Wind Zone 4, High Velocity

Hurricane Zone and Essential Facilities.

- Mullion shall not be used within Wind Zone 4, High Velocity Hurricane Zone and Essential Facilities.
- For outside of the High Velocity Hurricane Zones the system is considered non-porous.
- Product Data shall be in accordance with Installation Instructions, Armor Screen HVHZ Hemcord Roll-up System, Revision Date 10/23/2023.
- Product shall be installed into substrates shown on Installation Instructions not to exceed the spacing indicated. Anchor embedment shall be beyond wall dressing or stucco.
- Anchor design on concrete in accordance to ACI 318.
- Site conditions that deviate from the details on the Installation Instructions will require further analysis from a licensed Professional Engineer.
- All components that are permanently installed shall be protected from contamination and corrosion.

Quality Assurance:

The manufacturer has demonstrated compliance of products in accordance with the Florida Building Code and Rule 61G20-3.005 (3) for manufacturing under a quality assurance program audited by an approved quality assurance entity:

10/23/23

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