Product Approval Evaluation Report

FL# 8363.1 (10/23/23)

Product Manufacturer	**Product Name** and Description
Armor Screen Corporation. 2744 Hillsboro Road West Palm Beach, FL 33405	**Armor Screen HVHZ Grommet and Hemcord System, Series 2000** 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. Installation Instructions, Armor Screen Grommet and Hemcord Series 2000, Revision Date 10/23/2023

Limitations and Conditions of use:

• Maximum allowable design pressure: +110/-110 psf

• Maximum Span: Hemcord 192" • Maximum Span: Grommet 148”

• 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 Grommet and Hemcord series 2000, 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.

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• 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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