

Product Evaluation Report

Rule 61G20-3 F.A.C. | Report No. 2712, Rev. 1 | Project No. 423-0807 | 9/24/23 | Page 1 of 2

Product Manufacturer

Crimsafe North America
Suite 1-3
3020 Reynolds Rd
Lakeland, FL 33840-2440

Product Name, Model and/or Description

Hinged Door Hurricane Screen

Code: Current Edition of the Florida Building Code including the 8th Edition (2023) Florida Building Code

Compliance Method: Product Approval Rule 61G20-3.005(1)(d) – Product Evaluation Report by a Licensed Professional Engineer

Product Name, Model and/or Designation: Products covered by this evaluation include the following.

- Hinged Door Hurricane Screen

Installation Drawings:

- Crimsafe Installation Drawing – Hinged Door Hurricane Screen, drawing no. CS-PTC-001, dated 5/24/21, signed and sealed by Robert J. Amoruso, P.E.

Engineering Analysis & Evaluation:

- Installation Anchorage Evaluation by PTC Product Design Group, No. 272-CALC, dated 5/24/21, signed and sealed by Robert J. Amoruso, P.E.

Test Reports:

- Architectural Testing Report No. 98889.03-401-18, dated 8/9/2010, signed and sealed by Shawn G. Collins, FL PE License No. 70655
- QAI Test Report No. 12786, dated 12/20/21, signed and sealed by Idalmis Ortega, FL PE License No. 76905

Test Standards Used:

- TAS 201-94 (circa 2010 and 2021)
- TAS 202-94 (circa 2010 and 2021)
- TAS 203-94 (circa 2010 and 2021)

Limitations & Conditions of Use:

- This product HAS been evaluated for use inside the High Velocity Hurricane Zone (HVHZ).
- This product HAS been tested for Impact Resistant.
- Refer to Product Installation Instructions noted above for:
 - Maximum allowable wind loads at related maximum allowable size(s).
 - Overall dimensions and material/grade of main product components, accessories, etc.
 - Illustrated diagrams of the attachment of the product to substrate structure.
 - Anchor type(s), size(s), substrate(s), embedment, edge distance, and spacing/locations.
- Site wind pressures shall be determined by a licensed professional engineer in accordance with the current edition of the Florida Building Code (and/or ASCE 7 as referenced in the current edition of the Florida Building Code) for components and cladding based on allowable stress design.
- Site conditions not covered in this product evaluation document are subject to additional engineering analysis by a licensed professional engineer or registered architect as required by the authority having jurisdiction.



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321-690-1788 | FBPE Certification of Authorization No. 25935

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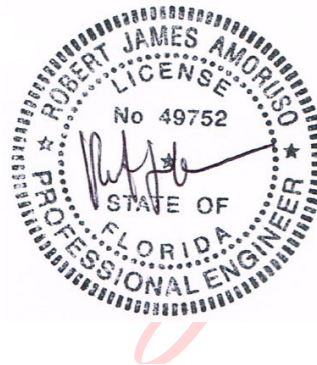
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- Adequacy of the existing structural substrates as a main wind force resisting system capable of withstanding and transferring applied product loads to the foundation is the responsibility of the licensed professional engineer or registered architect acting as the design professional of record for the project of installation.

Certificate of Independence per Product Approval Rule 61G20-3.009

PTC Product Design Group, LLC and Robert J. Amoruso, P.E. does not have, nor will acquire, any financial interest in the company manufacturing or distributing product(s) covered by this Product Evaluation Report.

PTC Product Design Group, LLC and Robert J. Amoruso, P.E. do not have, nor will acquire any financial interest in any other entity involved in the approval process or testing of the product(s) covered by this Product Evaluation Report.



Digitally signed
by Robert J
Amoruso
Date:
2023.10.16
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Evaluated By:
Robert J. Amoruso, P.E.
FL P.E. License Number 49752

