

Product Evaluation Report

Rule 61G20-3 F.A.C. | Report No. 2544, Rev. 3 | Project No. 423-0810 | 11/8/23 | Page 1 of 2

Product Manufacturer

Pella Corporation
102 Main Street
Pella, IA 50219

Product Name, Model and/or Description

Series 250 Vinyl Window Mullion System

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)(a) – Certification Mark or Listing

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

- Series 250 Vinyl Window Mullion System

Installation Drawings: Installation drawing listed below signed and sealed by Robert J. Amoruso, P.E.

- PTC PDG, LLC Installation Drawing No. PELL0039, Rev. A, dated 9/11/20, Pella Corporation Series 250 Vinyl Window Mullion System Installation Anchorage Details, signed and sealed by Robert J. Amoruso, FL P.E. 49752.
 - Drawing conforms to 8th Edition (2023) Florida Building Code.

Engineering Analysis & Evaluation:

- PTC Calc No. 2545, Rev. 0, Evaluation for Series 250 Mullion System Load Width vs. Mullion Span, dated 3/12/18, signed and sealed by Robert J. Amoruso, P.E., FL License Number 49752 in accordance with the current edition of the Florida Building Code.
- PTC Calc No. 2546, Rev. 0, Evaluation for Series 250 Mullion System Installation Anchorage, dated 3/12/18, signed and sealed by Robert J. Amoruso, P.E., FL License Number 49752 in accordance with the current edition of the Florida Building Code.
- PTC Report No. 2517, Rev. 1, Series 250 Mullion System Evaluation to AAMA 450-10, dated 6/26/18, signed and sealed by Robert J. Amoruso, P.E., FL License Number 49752 in accordance with the current edition of the Florida Building Code.

Performance Testing and Test Reports:

- Element Materials Technology, 3922 Delaware Ave., Des Moines, IA 50313, Test Report No. ESP027269P.5, dated December 28, 2017. AAMA 450-10 testing, Specimen 1 (see PTC Report No. 2517 for specimen definition).
- Element Materials Technology, 3922 Delaware Ave., Des Moines, IA 50313, Test Report No. ESP027269P.6, dated December 28, 2017. AAMA 450-10 testing, Specimen 2 (see PTC Report No. 2517 for specimen definition).
- Element Materials Technology, 3922 Delaware Ave., Des Moines, IA 50313, Test Report No. ESP027269P.1, dated December 28, 2017. AAMA 450-10 testing, Specimen 2 (see PTC Report No. 2517 for specimen definition).
- Element Materials Technology, 3922 Delaware Ave., Des Moines, IA 50313, Test Report No. ESP027269P.3, dated December 28, 2017. AAMA 450-10 testing, Specimen 4 (see PTC Report No. 2517 for specimen definition).
- Element Materials Technology, 3922 Delaware Ave., Des Moines, IA 50313, Test Report No. ESP027269P.4, dated December 28, 2017. AAMA 450-10 testing, Specimen 5 (see PTC Report No. 2517 for specimen definition).

Performance Testing Standards:

- AAMA 450-10
- ASTM E283-04
- ASTM E547-00
- ASTM E330-02

Limitations & Conditions of Use:



PTC Product Design Group, LLC | PO Box 520775 | Longwood, FL 32752-0775
321-690-1788 | FBPE Certification of Authorization No. 25935

Product Evaluation Report

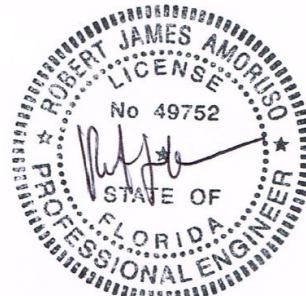
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- This product has not been evaluated for use inside the High Velocity Hurricane Zone (HVHZ).
- This product is not Impact Resistant. An impact protective device is required when used in a wind-borne debris region.
- Refer to Product Installation Instructions 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.
- 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:
2023.11.15
09:26:32 -05'00'

Evaluated By:
Robert J. Amoruso, P.E.
FL P.E. License Number 49752

