

September 18, 2020

Mike Cintani
Mapes Panels LLC
2929 Cornhusker Highway
Lincoln, Nebraska 68504

RE: FPA FL # 32414.1 – Mapes HBD/STY Panel Equivalency to 2020 Florida Building Code

Dear Mr. Cintani:

Mapes Panels LLC has requested that Architectural Testing, Inc., an Intertek company, review and determine the equivalency of the Mapes HBD/STY Panel Component for the 2020 Florida Building Code and Florida Product Approval.

Product Description: Mapes HBD/STY Panel Component to be used as Glazed-In Panels in Curtain Walls/Storefronts/Windows by Others, as indicated in Florida Product Approval FL# 32414

Manufacturer: Mapes Panels, LLC, Lincoln, Nebraska

Code: 7th Edition Florida Building Code (2020), inclusive of all Supplements effective as of the date of this Evaluation.

Certification of Equivalence: The testing standards listed below are hereby deemed equivalent for the purposes of determining this product's compliance with the above referenced building code.

Testing Performed: TAS 201-94, TAS 202-94, and TAS 203-94

Assessment: the product is intended for use in already-Approved systems as a glazed-in panel replacement for the Approved glazed-in panels. Representative single-panel specimens were tested in a curtain wall frame in accordance with TAS 201-94, TAS 202-94, and TAS 203-94.

Section 2411.3.2.1.1 of the 2020 Florida Building Code requires that "Glazed curtain wall, window wall and storefront systems shall be tested in accordance with the requirements of this section and the laboratory test requirements of the American Architectural Manufacturers Association (AAMA) Standard 501, following test load sequence and test load duration in TAS 202."

Equivalency Evaluation to AAMA 501-15: It has been determined that for the above referenced component as defined in Florida Product Approval #32414.1, the testing performed for the TAS 201, TAS 202, and TAS 203 meet or exceed the requirements of AAMA 501-15.

Conclusion: For the purposes of this Florida Product Approval, the tested standards (TAS 202-94) are equivalent to AAMA 501-15. Based on this evaluation and the testing documented in Florida Evaluation Report FL32414 therefore complies with the 7th Edition Florida Building Code (2020)

Intertek-ATI appreciates the opportunity to assist Mapes Panels LLC on this matter. Please do not hesitate to contact should further clarification be needed.

For Intertek-ATI

Daniel C. Culbert, P.E.
Engineer Team Leader

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cc: L3647.01-122-34

Michael J. Thorley, P.E.
Engineer Team Leader