

Equivalency Evaluation Report

Rule 61G20 F.A.C. | Report No. EER-1013, Rev. 1 | Project No. ACE-2021-119 | 12/21/21 | Page 1 of 2

Product Manufacturer

Polygal Inc.
1100 Bond Street
Charlotte, NC 28208

Product Name, Model, Series and/or Description

Polygal SG 16mm Clear (3-Wall) Storm Panel L.M. Impact (HVHZ)
Polygal Titan Sky 16mm Clear (5-Wall) Storm Panel L.M. Impact (HVHZ)

Code: Current Edition of the Florida Building Code including the 7th Edition (2021) Florida Building Code

Compliance Method: Product Approval Rule 61G20-3.015(4)(d) – Equivalency of Standards

Product Testing:

- QAI Laboratories, Tulsa, OK, Test Report No. TJ0498-1, dated 4/11/12, Polygal, Inc. Titan Sky, signed by Gregory Ertel & J. Brian McDonald
 - ASTM E84-11, Surface Burning Characteristics
 - Flame Spread; 5
 - Smoke Developed; 70
- QAI Laboratories, Tulsa, OK, Test Report No. TJ0498-2, dated 4/11/12, Polygal, Inc. Titan Sky y, signed by Gregory Ertel & J. Brian McDonald
 - ASTM D635-06, Rate of Burning
 - CC1 classification
- SGS, Charlotte, NC Test Report No. 97808-9, dated 5/9/07, Polygal, Inc. Titan Sky, signed by Brian Ortega and Greg Banasky
 - ASTM E1929-01, Ignition Temperature
 - Self-Ignition Temperature; 968°F
- SGS, Charlotte, NC Test Report No. 97808-2, dated 5/9/07, Polygal, Inc. SG, signed by Brian Ortega and Greg Banasky
 - ASTM E84-11, Surface Burning Characteristics
 - Flame Spread; 70
 - Smoke Developed; 200
- SGS, Charlotte, NC Test Report No. 97808-4, dated 5/9/07, Polygal, Inc. SG, signed by Brian Ortega and Greg Banasky
 - ASTM D635-06, Rate of Burning
 - CC2 classification
- SGS, Charlotte, NC Test Report No. 97808-8, dated 5/9/07, Polygal, Inc. SG, signed by Brian Ortega and Greg Banasky
 - ASTM E1929-01, Ignition Temperature
 - Self-Ignition Temperature; 968°F

Equivalency Evaluation of Product Testing

7th Edition (2021) Florida Building Code

- ASTM D1929-16
- ASTM D635-14
- ASTM E84-16

Testing conducted in the test reports listed above have been reviewed against the requirements of the 7th Edition (2021) Florida Building Code and found to be in conformance.

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Rule 61G20 F.A.C. | Report No. EER-1013, Rev. 1 | Project No. ACE-2021-119 | 12/21/21 | Page 2 of 2

Certificate of Independence per Product Approval Rule 61G20-3.009

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Evaluated by:
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