



August 25, 2017

Mr. Ken Bowditch
Special-Lite, Inc.
88448 County Road 668
Decatur, Michigan 49045

RE: FL13789-R1 - Conformance of StormGlass™Glass Interlayer (NOA 14-0423.11)
with the 2017 Florida Building Code

Dear Mr. Bowditch:

Intertek, LLC has reviewed several test method standards as well as the 2010, 2014, and 2017 Building Codes to determine whether the StormGlass™Glass Interlayer described in NOA 14-0423.11 complies with 2017 Florida Building Code (FBC). Supporting evidence for 14-0423.11 was presented in the form of test results in NOA no. 03-415.13, and was found to comply with 2010 and 2014 FBC in a statement letter of code conformance dated 04/10/2014, signed and sealed by Warren W. Schaefer, P.E.

We have reviewed the ASTM test method standards below to evaluate their equivalence to the same test method standards with a different publication date as referenced by the 2017 Florida Building Code.

ASTM D635-06, *Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position* (2010 & 2014 FBC Reference Standard) to ASTM D635-10.

ASTM D1929-96(2000) e01 *Standard Test Method for Determining Ignition Temperature of Plastics* (2010 & 2014 FBC Reference Standard) to ASTM D1929-12.

ASTM D2843-99 (2004) e01, *Density of Smoke from the Burning or Decomposition of Plastics* (2010 & 2014 FBC Reference Standard) to ASTM D2843-10.

ASTM E84-09 *Standard Test Method for Surface Burning Characteristics of Building Materials* (2014 FBC Reference Standard) to ASTM E84-013a *Standard Test Method for Surface Burning Characteristics of Building Materials*.

Our laboratory in York, Pennsylvania is accredited to perform all test methods referenced herein. It is my professional opinion that the test method standards are equivalent when evaluating StormGlass™Glass Interlayer.



Further, the weathering exposure and performance requirements of FBC Chapter 26 for plastics used in the High Velocity Hurricane Zone remain unchanged since the 2010 FBC. The same version (2005a) of ASTM G155, *Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials*, is referenced by all three code versions. ASTM C158, *Standard Test Methods for Strength of Glass by Flexure (Determination of Modulus of Rupture)*, is not referenced by FBC, however the active standard is essentially unchanged since 2002.

In summary, the 2017 Code change has not affected compliance of the StormGlass™ Glass Interlayer referenced in FPA FL13789-R1.

For Intertek, LLC.

Gary Hartman, P.E.
Laboratory Support Engineer

cc: H4691.01-122-34

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