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From: Gary Walker [mailto:gary-walker@usa.net]
Sent: Friday, August 03, 2018 12:21 PM
To: Madani, Mo; Binici, Zubeyde
Cc: Ted DeVit
Subject: FL5625-R1 public comment

Mo & Zubeyde,

Below is an e-mail I received from Mr. Ted DeVit with Environmental StoneWorks response to FL5625-R1 public comment. This response is from NTA, Inc. which is the laboratory that did the TAS 201 and TAS 203 tests for Environmental StoneWorks.

From: Adam Barefoot
Sent: Friday, August 3, 2018 10:58 AM
To: Ted DeVit <ted@DEVITINC.COM>
Subject: Environmental Stoneworks - NTA Project ESW081017-15

To whom it may concern,

It is NTA's understanding that the product applicant, Environmental Stoneworks has received a public comment during their submission for Florida Product Approval stating that the product has not been tested to TAS 202.

Environmental Stoneworks product was reported to pass TAS 201 and TAS 203 in NTA Test Report ESW081017-15. TAS 202 Section 4.1 states the test procedures found in this standard provide a means of determining whether a particular product used as wall cladding, maintain the envelope of the building, provides sufficient resistance to wind forces as determine by Section 1620 of the

Florida Building Code. It also requires testing to show compliance with water resistance, air infiltration and uniform static load using physical testing. The stone product used in the assembly has no effect on the water resistance or air infiltration requirements in TAS 202. The installation of the stone does not require any penetrations into the remainder of the assembly. If the assembly that is being proposed by the manufacturer meets the minimum requirements of the Florida Building Code for air infiltration and water resistance without the stone installed, the assembly meets the intent of the requirements of TAS 202 for air and water.

Section 1403.3, Structural, of the Florida Building code states that exterior walls shall be designed and constructed to resist safely the superimposed loads required by Chapter 16. The design load was calculated from the required wind speeds found in Section 1620 based on the wind speed required by the client and was applied in the TAS 203 testing for the fatigue testing.

The significance and use stated in Section 4 of TAS 203 states the testing is to be used for determine compliance with Sections 1625, Table 1625.4 and Table 1626 of the Florida Building Code. Testing the product per TAS 203 and to Section 1625 of the Florida Building Code meets the requirements for HVHZ in accordance with the Section 1625.4. Section 1625.4 states that when cladding must be tested to determine their load-carrying capacity or deformation under load cannot be calculated by rational analysis, fatigue testing is to be performed per the Florida Building Code, which is the same sequence and loading found in TAS 203.

Thank you,

Adam Barefoot, P.E.
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