

ATTACHMENT 13 – APPLICATION REVIEW

The application numbers are: **FL13389, FL13354, FL12930, FL4451**

Review **FL13389**

Method: Evaluation Report by Florida PE

Category: Panel Walls

Subcategory: Soffits

Material: PVC

Applicable Code: Sect. 1404.9 Vinyl siding. Vinyl Siding and soffit shall conform to the requirements of ASTM D 3679, ASTM D 4477 and the manufacturer's installation instructions.

Testing Standards: On application: ASTM D4477-04, ASTM D5206-96

Equivalency of

Standards: Application has a test program and evaluation for the use of ASTM D5206-96 instead of ASTM D3679. Explanation given as D5206 is the load test for D3679 and the physical properties are included within D4477. This file is not an equivalency of standards. It is an evaluation and a testing program.

Review Comments: File should be removed from Equivalency of Standards and incorporated into evaluation report indicating the compliance with all the testing required for ASTM D3679. If not proven, applicant shall test for the requirements of ASTM D3679 as required by Section 1404.9

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The application numbers are: **FL13389, FL13354, FL12930, FL4451**

Review FL13354

Method: Certification Method

Category: Exterior Doors

Subcategory: Swinging Exterior Door Assemblies

Material: Wood with fiberglass skin

Applicable Code: 1714.5.3 Exterior door assemblies. Exterior door assemblies not covered by Section 1714.4.2 or Section 1714.5.3.1 shall be tested for structural integrity in accordance with ASTM E 330 Procedure A,

Testing Standards:

On application: ASTM E330-02; ASTM E331-00

Review comments: Application certified to correct standards. There are issues with the plastic components of assembly. Fiberglass skin is subject to UV rays. Testing of fiberglass to required standards on Chapter 26 should be required and insured its production under a QA Audit program.

ATTACHMENT 13 – APPLICATION REVIEW

The application numbers are: **FL13389, FL13354, FL12930, FL4451**

Review FL12930

Method: Test Report Method

Category: Roofing

Subcategory: Products Introduced as a Result of New Technology

Material: PVC

Applicable Code: Sections 1504 to 1507 Chapter 26 for plastics and Sect 1625 and 1626 for use in HVHZ

Testing Standards:

On application: TAS 202, ASTM D1929, ASTM D2843, ASTM D635, ASTM G155

Review comments: This product is the roof for a 8' X 10' shed. The testing was as required for plastics within HVHZ. Load test was using a factor of safety of 2 as required. Because it would be questionable the attachment of this roof to any structure other than the proposed shed, there should be a limitation of use that the product may be used only with the shed assembly.

This is not a product as a result of new technology, but the limitation of available subcategory left the applicant with a poor selection choice.

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The application numbers are: **FL13389, FL13354, FL12930, FL4451**

Review FL4451

Method: Evaluation Report from a Product Evaluation Entity

Category: Structural Components

Subcategory: Anchors

Material: Steel

Applicable Code: Chapter 16

Testing Standards:

On application: ASTM E1886-02; ASTM E330-02, SSTD 12-99

Review comments: This product is described as a connector for a plywood panel. Building Code Table 1609.1.2 is a prescriptive method to hold wood structural panels over windows and doors. This evaluation provides an alternate product other than the prescribed by the code. The use of alternates to code requirements could not be used for a statewide product approval. This could only be allowed for a local product approval. Therefore this application should be denied.