

# *L. Roberto Lomas P.E.*

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## Engineering Evaluation Report

Report No.: 514254A

**Manufacturer:** Trespa North America, Ltd.  
10155 Reading Rd.  
Cincinnati, OH 45241

**Product Line:** TS110 Trespa Meteor Decorative Panel System

### **Compliance:**

The product listed herein complies with requirements of the current Florida Building Code.

**Product description:** Trespa Meteor Kraft FR Core decorative panels.

### **Supporting Technical Documentation:**

1. Approval document: drawing number 08-03281 revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: HTL 0358-0411-04, signed and sealed by Vinu J. Abraham P.E.  
Hurricane Test Laboratory, Riviera Beach, FL.  
TAS 202 Uniform Static Air Pressure,  $\pm 75.0$ psf design pressure.  
TAS 203 Cyclic Pressure loading,  $\pm 75.0$ psf design pressure.
3. Test report No.: FS18362-5, signed and sealed by Mark Mosbat P.E.  
South Florida Test Service, Miami, FL.  
ASTM G7  
ASTM G147  
Exposure test 45° south for 5 years
4. Test report No.: 77711.01-106-18, signed and sealed by Joseph A. Reed P.E.  
Architectural Testing, York, PA.  
ASTM E104  
ASTM D790  
Average flexural strength: 18,094psi  
Weathered average flexural strength: 17,093psi  
Average change: -5.5%
5. Anchor calculations and comparative analysis, report number 514254-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

### **Limitations and Conditions of use:**

- Maximum design pressure:  $\pm 75.0$ psf
- Maximum panel thickness: 10mm or 13mm
- Maximum panel size: 143" x 73"
- This product is rated to be used in the HVHZ.
- Panel material to be: Trespa Meteor Kraft FR Core 10mm or 13mm thick based on thermosetting resins homogenously reinforced with wood fibers and manufactured under pressure and temperature. Panel consists of 70% softwood fibers and 30% thermosetting resins. Thermosetting resins are cured using electron rays (Electron beam curing) process developed by Trespa North America, LTD.

### **Installation:**

Units must be installed in accordance with manufacturer's installation instructions and approval document, 08-03281 revision A.

### **Certification of Independence:**

Please note that I do not have nor will acquire a financial interest in any company manufacturing or distributing the product(s) for which this report is being issued. Also, I do not have nor will acquire a financial interest in any other entity involved in the approval process of the listed product(s).

