



## **TECHNICAL BULLETIN – MOSAIC BATTENS**

### **MIAMI-DADE COUNTY BUILDING PERMITS**

Lumabuilt, a seller of architectural products in Miami-Dade County, has evaluated the Florida Building Code with guidance from Miami-Dade County product control examiners, building code officials, and ICC Professional Engineer's to state the following:

1. The use of the Mosaic Battens has been found to be in compliance with the High-Velocity Hurricane Zone provisions of the *Florida Building Code* with the following condition:
  - a. Mosaic Battens are used in assemblies complying with FBC Section 1626.4 (Please see attached FBC addendum)
  - b. Mosaic Battens design negative pressure is limited to 110 psf
  - c. Mosaic Batten supports are limited to a maximum spacing of 16 inches

Refer to: *ICC ESR-5449 FL Supplement w/HVHZ*



2. Open Trellis or Pergola's can be permitted for construction with drawings and calculations (No NOA needed)

Refer to: Miami-Dade County Department of Regulatory and Economic Resources. "*Permit Exemptions*" (02/21): 4.  
<https://www.miamidade.gov/permits/library/guidelines/permit-exemptions.pdf>



## Addendum

### FBC 1626.4: *Construction Assemblies Deemed to Comply with Section 1626*

1. Exterior concrete masonry walls of minimum nominal 8-inch (203 mm) thickness, constructed in accordance with [Chapter 21](#) (High-Velocity Hurricane Zones) of this code.
2. 2.Exterior frame walls or gable ends constructed in accordance with [Chapters 22](#) and [23](#) (High-Velocity Hurricane Zones) of this code, sheathed with a minimum  $19/32$ -inch (15 mm) CD exposure 1 plywood and clad with wire lath and stucco installed in accordance with [Chapter 25](#) of this code.
3. 3.Exterior frame walls and roofs constructed in accordance with [Chapter 22](#) (High-Velocity Hurricane Zones) of this code sheathed with a minimum 24-gage rib-deck-type material and clad with an approved wall finish.
4. 4.Exterior reinforced concrete elements constructed of solid normal weight concrete (no voids), designed in accordance with [Chapter 19](#) (High-Velocity Hurricane Zones) of this code and having a minimum 2 inches (51 mm) thickness.
5. 5.Roof systems constructed in accordance with [Chapter 22](#) or [Chapter 23](#) (High-Velocity Hurricane Zones) of this code, sheathed with a minimum  $19/32$ -inch (15 mm) CD exposure 1 plywood or minimum nominal 1-inch (25 mm) wood decking and surfaced with an approved roof system installed in accordance with [Chapter 15](#) of this code.

All connectors shall be specified by the building designer of record for all loads except impact.