



**CHECKLIST #0150 FOR THE APPROVAL OF ROOF TILE SYSTEMS:
CLAY, CONCRETE, FIBERGLASS REINFORCED COMPOSITE AND FIBER
CEMENT TILE SYSTEMS**

- Basic Requirements Checklist.
- One set of the manufacturer's 'approval document' including:
 - Details of all sections with dimensions and thickness,
 - Assembly details including all installations conditions,
 - Profile drawings of all tiles submitted for approval,
 - Listing of all products, including manufacturers name used in the system,
 - Detailed installation instructions for each tile, including valley, hip and ridges, and roof penetration details (see note #1), and
 - Detail profile drawing of the tile showing actual dimensions, (drawing to be part of approval document).
 - Detail drawing or picture (.jpg) of Identification mark for the tile profile
- List of the manufacturing location(s) of product seeking approval.
- Calculations for consideration of the Aerodynamic Multiplier and Restoring Moment Due to Gravity in accordance with Chapter 15 (HVHZ) of the Florida Building Code.
- One set of manufacturer's design drawings marked and verified by the testing laboratory

The following current laboratory tests and reports in compliance with protocol TAS 301.

- Physical Properties
 - ASTM C 1167 (Clay)
 - TAS 112 (Concrete)
 - TAS 135 (Fiberglass Reinforced Composite or Fiber Cement)
- System Performance Standard (Tile Attachment)
 - TAS 100 (Wind Driven Rain Test, Mechanically Fastened systems only)
 - TAS 101 (Mortar or Adhesive)
 - TAS 102 (Mechanical Attachment without clip)
 - TAS 102(A) (Mechanical Attachment with a clip)

Optional Test

- Air Permeability test per TAS 116 (see note #2)
- Wind Characteristics per TAS 108 (see note #2)





**MIAMI-DADE COUNTY, FLORIDA
DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES
PRODUCT CONTROL SECTION**

Notes:

- 1) Roofing Application Standards (RAS) 118, 119, & 120 govern the tile system installation requirements. Please review RAS 118, 119, & 120 so the correct RAS can be referenced in the submitted approval documents.
- 2) These tests will be required for roof tile systems not considered air permeable and/or where different aerodynamic multipliers are sought.
- 3) If the manufacturing location is outside of the continental United States, then a properly executed Miami-Dade County Distributor Agreement form must be submitted.

