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)
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.