

High Velocity Hurricane Zone Uniform Roofing Permit Application Form

MIAMI-DADE COUNTY BUILDING DEPARTMENT ELECTRONIC APPLICATION

Category 107 Tile Roofs*(Direct Deck Application only)

Selected RadioButtons [] will be encapsulated [X]

Process No: W2005164980

Job Address: 6060 SW 13 ST

Application Date: 05/26/2005

*Product Approval Number: 02-0916-11

Tile Manufacturer: Hanson Roof Tile d.b.a. Pioneer Concrete Tile

*Select Attachment Type:

[X] Mechanically Attached Tile 1-#8 Screw

[] Mortar Set Tile

[] Adhesive Set Tile

*Are the Gas Vent Stacks located in the roof?:

[X]No []Yes (If yes, what type?) []Natural []LPGX

*Roof Slope: 5.0:12"	*Deck Type:5/8" Plywood
*Roof Mean Height: h 17	Underlayment Type: ASTM D 226 Type II # 30
*Roof Length: l 47 (ft)	Fastener Type and Spacing (Underlayment Attachment):
*Roof Width: w 36 (ft)	1 1/4" R S Nails 6" o/c @ Laps & 2 rows 12" o/c
Perimeter Width: a 4(ft)	Cap Sheet: # 90 Mineral Surfaced Cap Sheet ASTM D249 Set in Hot Asphalt
Corner Size: a x a 4*4 (ft)	*Tile Roof Covering:Roll
*Estimated Value: (\$) 7100	*Drip Edge Size & Gauge:3" face 26 ga.
	*Drip Edge Material Type:Galvanized Metal

"Moment Base Tile Attachment Calculations Per RAS 127"

P1: 45.2 x Lambda 0.289 - Mg: 6.55 = Mr1: 6.513 NOA Mf: 25.8

P2: 95.4 x Lambda 0.289 - Mg: 6.55 = Mr1: 21.021 NOA Mf: 25.8

P3: 95.4 x Lambda 0.289 - Mg: 6.55 = Mr1: 21.021 NOA Mf: 25.8

*Other alternate components or methods of attachment not listed in this form may be approved after review by a building official.
Refer to permitting facilities for assistance.

The roof tile system and its components shall be installed in strict compliance with the Florida Building Code
High Velocity Hurricane Zone Roofing Application Standards: RAS 118, RAS 119, and RAS 120.