

# Before the Storm

- Strong winds are often the most dangerous elements of a hurricane. Protecting the roof from high winds is essential to securing the integrity of your home during a storm.

## STANDARDS FOR STORM-PROOFING A ROOF \*

Broward and Miami-Dade County officials have new standards for securing tiles to ridge using nails, screws, or foam. Palm Beach County has devised its own standards for tile roofs.

PALM BEACH COUNTY

### PREFERRED SOLUTIONS Required for mechanically attached field tile (optional for foam/mortar)

**Option 1:** A line of foam secures tiles to a metal frame.



**Option 2:** Nails, screws or foam secure tiles to a treated board attached to the roof.



**Option 3:** Used with foam or mortar to set field tile installations.



### BANNED METHOD

**When using mortar** with all mechanically attached field tile installations.



As the **mortar bond** weakens, the ridge tiles break away.

BROWARD AND MIAMI-DADE

### PREFERRED SOLUTIONS Required for all tile systems

**Metal:** A line of foam secures tiles to a metal frame.



**Wood:** Nails, screws or foam secure tiles to a treated board attached to the roof.



### BANNED METHOD For all tile systems

**Mortar filled:** Considered less stable than other options, if there is no metal frame or treated board.



**Mortar:** Bond weakens as high winds cause tiles to vibrate.



SOURCES: Bob McDonald of Gulfstream Roofing; Florida Roofing, Sheet Metal and Air Conditioning Contractors Association; Chris Schulte, owner of Latite Roofing and Sheet Metal, Commissioner of Florida Building Commission.

- Rather than checking the roof yourself, which can be dangerous and cause damage to the roof, hire a licensed roofing professional.

Staff graphic/Cindy Jones-Hulfachor  
\* Credit to South Florida *Sun-Sentinel*