



Pride in Service with Integrity

BROWARD SHERIFF'S OFFICE DEPARTMENT OF FIRE RESCUE AND EMERGENCY SERVICES



SAFETY WARNING NEW TILE ROOF CONSTRUCTION

SW 08-01

SAFETY WARNING

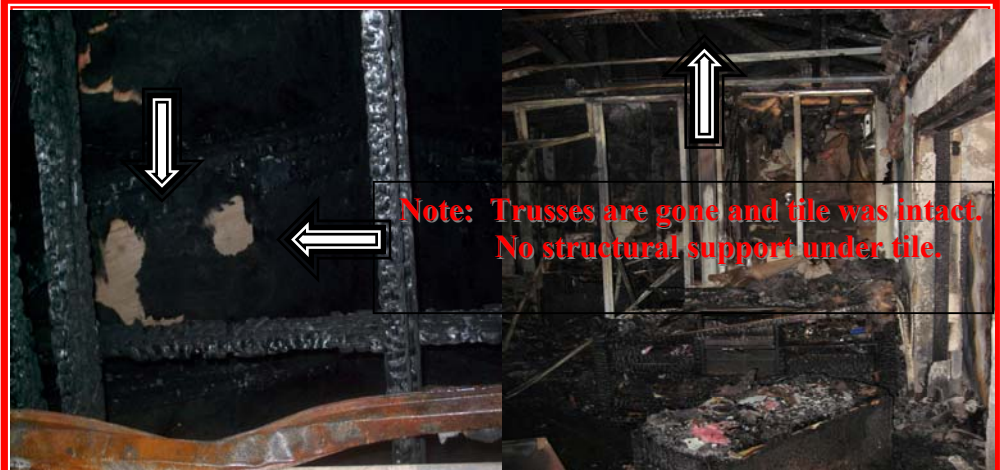
Date: February 20, 2008

A recent residential fire in Weston revealed potential dangers to firefighters regarding new construction codes. The tiles had been bonded with foam adhesive as required in the new building code (post hurricanes).

This fire had burned through the roof trusses and plywood while leaving the exposed roof tiles intact. **The adhesive kept the tiles intact without any structural support.** A large section of the roof sagged down about a foot, collapsing as a large roof section.

Firefighters need to use **extreme caution** before attempting roof operations. The roof may collapse with little warning with the weight of firefighters. Firefighters making interior attacks may face large roof tile sections falling during a collapse.

**Warning Sign;
Smoke exiting between tile,
Tile roof dropped as large section**



**Note: Trusses are gone and tile was intact.
No structural support under tile.**

Fire Marshal's Bureau
2601 West Broward Boulevard
Fort Lauderdale, FL 33312

Phone: 954-831-8210

Fax: 954-831-8218

E-mail: FMO_Issues@sheriff.org