



"Quality You Can Trust Since  
1886... from North America's  
Largest Roofing Manufacturer"

# KEY PROJECT PROFILE

## U.S. Air Force Defends Against Hurricane Damage

**RADOME/U.S. AIR FORCE  
PENSACOLA, FL**



"For years I have used TOPCOAT with confidence and appreciate their professional technical support as well as the reliability of the TOPCOAT Product Line. It is with this confidence that PSI specifies TOPCOAT products to our clients to solve their various roof restoration and leak repair problems. These clients include institutional, manufacturing, military and high-tech facilities."

Albert White, RRO  
Senior Roof Consultant  
Professional Service Industries, Inc.

### Job Details

**Location:** Pensacola, FL

**Job Size:** 900 sqs

### Building Owner

United States Air Force

Project Manager: Albert White, RRO

Professional Service Industries, Inc.

### Contractor Information

CAN Inc. New Orleans, LA

### Key Facts:

- Building is a 90,000 sq. ft. with a 250' nearly vertical roof surface
- Deck is made of EPS and XPS boards which are set in an aluminum grid in addition to a Kevlar Cover which is held down with negative pressure pumps ran by electricity

### Problem:

- Water was allowed to penetrate the EPS and XPS surface when high winds from Hurricane Barry hit the upper Florida Gulf Coast removing the Kevlar Cover which protected the building from water
- How to waterproof the building without installing a traditional new roof system
- How to seal and prevent air passing through the joints of the EPS and XPS surface

### Solution:

- The EPS and XPS Boards were sealed using TOPCOAT® Liquid Fabric and the entire roof was sealed with two applications of TOPCOAT® Spray Flashing Grade. Once cured a new Kevlar Cover was installed over the TOPCOAT® Products

### Benefits:

- Highly reflective white surface reflects solar radiation and provides for better energy efficiency inside the building structure by decreasing the building temperatures
- Provides this particular building owner with a secondary line of defense against leaks and air passage through the EPS and XPS surface
- The TOPCOAT® System provided the water resistance and security the United States Air Force relies on to protect their sensitive equipment
  - TOPCOAT® Liquid Fabric Flashing Grade...Waterproofing Elastomeric Sealant (requires no reinforcing fabric) provides a strong flexible seal that will not become brittle and will expand and contract with the roof
  - TOPCOAT® Flashing Grade Spray Formula...Synthetic rubber sealant that once cured by the ultra violet rays of the



- **Versatile...**Formulated to restore modified bitumen, Hypalon, TPO, PVC, EPDM, smooth BUR, and metal
- **Proven...**Over 150 million square feet installed since 1979
- **Conserves Cash...**Can save up to half the cost of a new roof—while adding up to 15 years of life to your existing roof
- **Energy Savings...**Reflective white surface can save energy—up to 50% or more of the roof's original cost
- **Guaranteed...**NDL guarantees available up to 20 years

