



### Project

U.S. Navy Roof Restoration  
Lemoore Naval Air Station

### Location

Lemoore NAS, California

### Contractor

FlexPro Inc.

### Designer

NAVFAC

### System

80 mil TritoFlex 2K membrane  
20 mil TritoTherm ceramic coat

### Project Size

30,095 square feet

### Completion

December 2014

For years, Triton's roof restoration and repair technologies have been used to restore numerous roofs throughout Lemoore Naval Air Station every year. This particular project was an example of the U.S. Navy's commitment to responsible, proactive, and cost-effective roof management.

By utilizing existing roof investments to their advantage and avoiding wasteful, costly, and disruptive tear-offs before it's too late, the Navy proves their proactive approach. These roofs were over a training facility at the base and were leaking at near the end of their lifecycle. A section of the building had concrete barrel roofs previously coated with spray polyurethane foam and acrylic. The rest of the roofs were 2-ply Mod-Bit over polyiso insulation.

The NAVFAC architects recommended the roofs be restored with an instant-setting and seamless liquid rubber membrane and then finished with a highly reflective and heat-reducing top coat. They also specified that the HVAC ductwork be coated with the ceramic coating to increase efficiency on hot days. With over 1200% elongation, high tensile strength, and resistance to hail, flame spread, and ponding, the TritoFlex 2K Rubber membrane, which is eco-safe and has no VOC's, was the ideal fit for this design.

A Certified Triton Contractor with extensive experience installing these products on military bases, won the bid for the project. They removed and replaced damaged areas of spray foam and then applied TritoFlex 2K Rubber in one coat over all the roofs to an 80 mil dry thickness.

After the TritoFlex 2K membrane was installed, they applied the TritoTherm ceramic coating as both a sacrificial layer and heat-repellent top coat. All Triton products are made in the U.S. by a 100% American-owned company who is focused on providing common sense solutions to avoid expensive re-roofs or cheaply made roof coatings that require extensive maintenance.