

**Project**

Nationwide Insurance Offices
Roof Restoration

Location

Scottsdale, Arizona

Contractor

Superior Performance Coatings

Consultant

Alan Stevens Associates

System

60 mil TritoFlex 2K membrane
20 mil TritoTherm ceramic coat

Project Size

114,000 square feet

Completion

January 2013

A rare storm tore through Arizona with baseball sized hail and severely damaged a 2-year old roof on a Nationwide Insurance office building in the prestigious Scottsdale business district.

In order to prevent tearing off and starting over, the customer chose the durable TritoFlex 2K rubber membrane restoration system to go directly over top the existing roof.

The client only had their new laminate-surfaced two-ply modified bitumen roofing system installed for two-years before a major hail storm severely damaged it, resulting in ripped seams, punctures and a fractured laminate surface. Although the hail strikes damaged the modified bitumen roof membrane, the underlying insulation was undamaged and could be salvaged before taking on moisture.

Avoiding Another Tear-Off

The client was presented with the two best options by the consultant. The first option was to do what they had done two years prior and tear-off the entire modified system down to the concrete decking and start all over. The second option was to have the roof recovered with the TritoFlex 2K fluid-applied, instant-setting rubber membrane, which is hail-resistant, has no seams, and has the highest FM wind uplift rating in the industry. Rather than going through the cost, labor, and disruption of tearing off the entire roof system again, the client chose TritoFlex 2K to be installed over the existing hail damaged membrane. This method utilizes the existing roof's thickness and pliability. The client achieved a new 15-year warranty and saved \$500,000 over replacement cost.



Quality Installation

The TritoFlex 2K two-component rubberized membrane was installed in one coat with a spray application directly over the existing modified bitumen roof system to achieve a 60 mil/1.5mm seamless membrane. It was then top coated with a thermal insulating surface coat to provide superior energy cost savings in the hot Arizona climate. With an industry-leading FM-approved impact and hail resistance classification, the flexible TritoFlex membrane will protect this building from anything Mother Nature may bring at it in the future.

The TritoFlex restoration system, being environmentally safe with no VOC's, and no harmful or disruptive odors, proved to be the most cost-effective and prudent solution for the client's building.

