



### Project

NASA Glenn Research Center  
Building 88 Roof Restoration

### Location

Cleveland, Ohio

### Contractor

RaW Solutions

### System

80 mil TritoFlex 2K membrane  
30 mil TritoTherm ceramic coat

### Project Size

10,000 square feet

### Completion

August 2017



NASA's mission is to "pioneer the future in space exploration, scientific discovery, and aeronautics research." State-of-the-art research equipment is necessary to achieve this mission. Protection of these investments starts at the top.

After having Triton's liquid roofing products perform exceptionally well over the years, the engineers at the research center in Cleveland put the TritoFlex material through a stringent test. A specific metal building on campus used to simulate extreme environmental conditions was rusted and in need of serious restoration. However, other materials tested in their lab couldn't meet their performance needs: highly flexible, yet strong, with an ability to withstand temperatures up to 400 degrees F. They tested the TritoFlex liquid membrane and were immediately impressed.

This year, that steel structure's 10,000 sq. ft. roof was completely restored with 80 mils (2 mm) of the TritoFlex 2K liquid rubber membrane and finished with the ceramic TritoTherm elastomeric top coat, with a 20-year material and labor warranty. Next, the exterior steel walls will be coated the same way to fully encapsulate the building envelope. TritoFlex 2K is spray-applied to form a seamless, impermeable membrane to prevent future rust, withstand structural movements, and protect NASA's vital research equipment from the elements.