



### Project

Kellogg's Rossville Plant  
Roof Areas J, K, L, M

### Location

Rossville, Tennessee

### Contractor

Standard Builders

### System

80 mil TritoFlex 2K membrane  
20 mil TritoTherm ceramic coat

### Project Size

100,913 square feet

### Completion

November 2017

America's large food manufacturers and processors feed billions of people throughout the world. With massive manufacturing plants spread across the country, protecting these facilities with high-performing roof systems is of vital importance.

The TritoFlex rubber restoration system helped The Kellogg Company avert a disruptive and wasteful tear-off on their Rossville factory.

Triton's liquid membrane used the existing roof to its advantage and added value with thickness, durability, flexibility, and resistance to acids, chemicals, and Mother Nature herself. TritoFlex is the ideal solution for industrial facilities with countless penetrations, protrusions, high foot traffic, and frequent changes to roof-top equipment. It is self-terminating and does not require reinforcement with extremely high elongation combined with extremely high tensile strength.

With a Class A fire-rating, hail-resistant warranty, and anti-slip finish, TritoFlex 2K rubber formed a seamless membrane on a section of this plant. Multiple types of existing roof systems were tied together into one monolithic roof.

Beyond providing a watertight roof, the TritoTherm reflective top coat has drastically reduced heat transfer into the plant during warm months and has proven to remain cooler after becoming dirty. This results in long-term protection of the underlying roof components. On average, the Triton roof system has reduced heat transfer to the roof deck at this plant by 25 degrees F.

As a versatile material, TritoFlex rubber was also used to solve previously unsolvable moisture intrusion problems on the exterior concrete walls of the plant. This moisture intrusion had been affecting the sensitive food production area.