

# 7101 Westfield Avenue Pennsauken, NJ

## JOB PROFILE



## The Project

**Name:** 7101 Westfield Avenue Re-roof

**Address:** 7101 Westfield Ave., Pennsauken Township, NJ

**Square Footage:** 74,423 square feet

**Completion Date:** April 2022

**Project Duration:** 3 months

**Contractor:** Topline Construction  
(Versico applicator since 2006)

### Roofing System:

- 60-mil VersiWeld® TPO with APEEL™ Protective Film induction welded to RhinoBond® Plates
- 2 layers of 2.6-inch thick VersiCore® Polyisocyanurate Insulation
- Steel deck – replacement at bad areas



When the 70,000-square-foot print shop and manufacturing facility at 7101 Westfield Avenue in Pennsauken Township, NJ, needed a new roof, the building owner wanted a cost-effective, durable, and long-lasting replacement that would support a solar array. The building's 30-year-old existing roof needed to be replaced as it was completely failing. Because the roof would be replaced in the wintertime, it was important to find a system that could be installed in a wide range of temperatures so the job wouldn't be delayed by weather.

The roofing contractor, Topline Construction, had an ideal solution to this project's needs. They recommended a Versico Roofing Systems induction-welded TPO roof attached with RhinoBond Plates. By eliminating mechanical fastening in the seam, RhinoBond systems decrease the number of screws and plates required for some assemblies by as much as 50%, resulting in minimized labor and material costs. And because induction-welded systems dry-in faster, the contractor can tackle more square feet each day without the concern of disrupting activities inside the building due to potential inclement weather.

Topline Construction began by tearing off the existing 30-year-old built-up roof down to the deck and replacing all the bad decking. Next, they installed two layers of 2.6-inch-thick VersiCore Polyisocyanurate Insulation, which they secured to the deck with RhinoBond Plates and HP-V Fasteners. The next step was installing a 60-mil-thick VersiWeld TPO membrane with APEEL Protective Film and hot-air welding the seams. APEEL guards the TPO membrane's surface from scuffs and dirt accumulation during installation and eliminates the need to clean the roof once the project is complete. Durable and easy to remove, APEEL Protective Film helps to save time and labor, improve aesthetics, and increase customer satisfaction.



Once the TPO membrane was in place, the Topline Construction crew placed the induction welding tool on the membrane's surface, directly above each of the RhinoBond plates. The tool activates the special coating, resulting in a bond between the plates and the membrane. Weighted magnets are then placed over the plates to dissipate the heat and ensure intimate contact between the bottom surface of the membrane and the hot-melt adhesive.

The 74,423-square-foot project was completed in three months, including tear-off and decking replacement. Scott Manley of Topline Construction said, "Once we had the roof torn off, the new Versico system was very easy and simple to install. The RhinoBond Plates reduce steps and the APEEL keeps us from tracking dirt on the new TPO sheet."

Now, the building includes a complete solar array, providing not only a watertight roof, but also a sustainable option for years to come.



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