

# Hanoverville Road Warehouse

JOB PROFILE



## The Project

**Project Type:** New construction, 243,000-square-foot warehouse – Bethlehem, PA

**Contractor:** JLK Contracting, Inc.

**Roofing System:** Versico induction welded system with 16-foot-wide .060 TPO

**Project Completed:** November 2022



## PROPOSAL

1. The building is rectangular with a ¼-inch per foot structural slope in two directions. There are gutters on the two long edges and parapet walls on the short sides. Since the 243,000-square-foot project would begin in the fall, it was important to get the roof completed as quickly as possible before the worst of the PA winter weather arrived.
2. The roofer, JLK Contracting, decided this would be the perfect job to use Versico Roofing Systems' new 16-foot-wide TPO membrane. Ideal for induction-welded and adhered roofs, 16-foot rolls can allow contractors to finish jobs much faster. Using 16-foot rolls would mean that the crew would have fewer rolls to load, stage, position, and kick out, and fewer seams and T-joints to weld.

## PRODUCTS

- Two layers of 2-inch-thick VersiCore® Polyiso Insulation
- HPVX Fasteners and RhinoBond Plates
- 16'-wide .060 VersiWeld® TPO membrane induction welded to RhinoBond® Plates
- Prefabricated TPO Pipe Seals
- Molded Sealant Pockets and One-Part Pourable Sealer
- T-Joint Covers

## PROCESS

The crew began by fastening two layers of 2-inch-thick VersiCore Polyiso Insulation to the metal deck with HPVX Fasteners and RhinoBond Plates. After installing the insulation, they kicked out the 16-foot-wide TPO rolls and placed an induction welding tool over the membrane where the RhinoBond Plates were located. Versico's non-penetrating induction welded systems use the same fastener and plate to secure the membrane and insulation to the deck, creating an FM-approved assembly with no entry point for moisture.

Larry Kraus, owner of JLK Contracting, said, "The 16-foot rolls were better for production, and there were fewer seams to weld. We were able to install iso for three quarters of the day and finish up with membrane for the last quarter of the day."



The project was completed in less than two months. "With 10-or 12-footers, we would usually get about 10 squares per man per day. With the 16-footers, we can do a lot more. On a typical day, there would be 15 crew members on the job and they would finish 200 squares," said Ricky Sahilu, Foreman for JLK Contracting. He added that the rolls were surprisingly easy to move, and that moving 16-footers was comparable to moving 10 or 12-foot rolls.

Kraus concluded, "We definitely saw benefits by using the 16-foot TPO rolls on this project. If I had to estimate another job using 16-foot rolls, I'd be able to say we'd save several days of labor by using these over 10-foot or even 12-foot rolls."



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