



MERRICK INC.

Contractor: Four Seasons Energy Efficient Roofing | **Location:** Vadnais Heights, Minnesota
Square Feet: 59,600 membrane



Products

Duro-Last 50 mil white membrane; custom curbs and stacks; Fascia Cover; pitch pans; Duro-Guard® EPS Fanfold Insulation; ROOF-TRAK® III Walkway Pads

For more than 60 years, Merrick Inc. has provided employment and life-enrichment opportunities for adults with intellectual and developmental disabilities. The organization serves hundreds of participants daily through on-site production work, community job placements and therapeutic activities that foster independence and inclusion.

"Merrick is a place where people come to work, contribute and feel valued," said Mike Greenbaum, executive director of Merrick. "It was important to make sure the facility reflects that commitment and continues to serve our mission for decades to come."





The facility's dedication to environmental stewardship is just as strong as its social mission. From a large solar array to geothermal heating and cooling and an extensive recycling program that processes more than a million pounds of plastic annually, Merrick models sustainability in action. So when it came time to replace its 20-year-old roof, it was natural that the organization once again turned to Four Seasons Energy Efficient Roofing and Duro-Last, the same team that installed the original roofing system in 2008.

"We installed the first roof back in 2008, a 40 mil Duro-Last system that performed exceptionally well," said Nick Moen, CEO of Four Seasons Energy Efficient Roofing. "When Merrick reached out to replace it, we knew it was an opportunity to upgrade the system for even greater longevity and efficiency."

The project was also deeply personal for John Wayne Barker, Merrick's longtime executive director, who retired in 2025 after more than 25 years of service. He oversaw the original installation and made the replacement a priority before transitioning leadership to Greenbaum.



ABOUT MERRICK INC.

Merrick Inc. has been providing day services to adults with intellectual or developmental disabilities since 1964. Offering a mix of life enrichment, work and self-advocacy options to nearly 400 clients, Merrick is the largest day program in Ramsey County with a history of leadership in person-centered planning, self-advocacy, meaningful work options, community inclusion, operational excellence and continuous innovation.

"We'd had such a good experience with the first Duro-Last roof that it seemed natural to go back to the same product and contractor," Barker said. "The roof performed beyond its warranty and was easy to maintain. Recycling the old membrane and working with a team we trusted just made sense."

Four Seasons coordinated with Duro-Last to collect and recycle 11,760 pounds of the existing roof membrane through the company's Recycle Your Roof program, an effort that directly aligned with Merrick's sustainability goals.

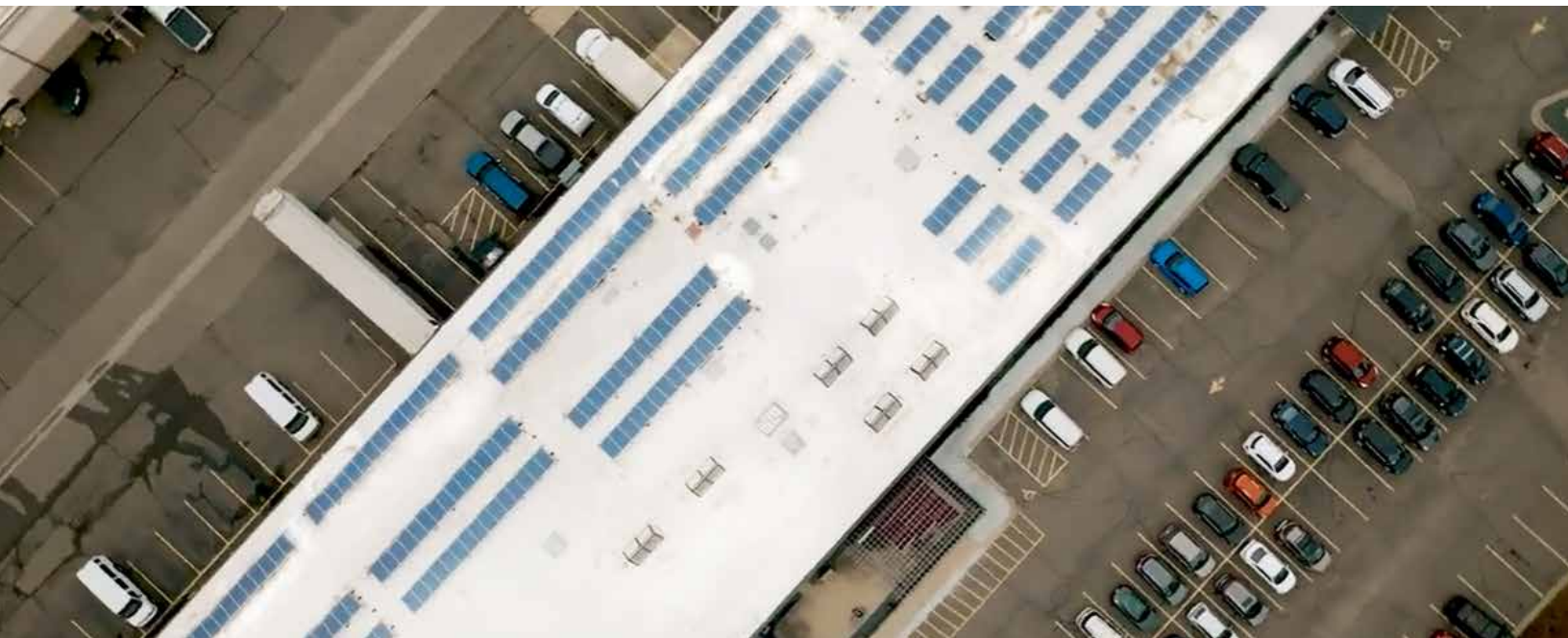
"This was the perfect project for the program," said Brett Franz, Duro-Last sales representative. "Merrick's entire operation is built around recycling and responsible use of resources, from how they manage materials inside the building to how they care for the building itself."

The 59,600 square-foot project was both intricate and highly coordinated. Four Seasons began by performing a skim tear-off, removing the existing Duro-Last membrane while carefully preserving portions of the underlying insulation that remained in good condition. All removed material was palletized on-site and prepared for recycling through Duro-Last's program.

Next, the crew eliminated a dozen aging skylights that were no longer in use, replacing them with sections of B-decking and filling those spaces to create a continuous surface across the roof. With the prep work complete, installers placed a new layer of EPS fanfold insulation, improving thermal performance and providing a smooth, stable base for the new Duro-Last system.

Over the insulation, the team mechanically fastened Duro-Last's 50 mil white membrane, selected for its energy saving reflectivity and compatibility with Merrick's extensive rooftop solar array.

"That white surface helps reflect heat and optimize the solar array's output," Moen noted.





One of the most complex aspects of the project involved more than 650 solar pedestal penetrations across the roof. Each was individually flashed using custom curbs and stacks, an essential step given the pedestals' welded steel connections to the bar joists below. Additional pitch pans were used to seal irregular penetrations and prevent moisture intrusion.

Finally, ROOF-TRAK III walkway pads were placed around high-traffic service areas, particularly near the solar inverters and maintenance pathways. These pads provide slip resistance and protect the membrane from foot traffic during routine inspections and solar maintenance. Despite the complexity of the penetrations and a tight summer timeline, the project was completed in just six weeks, thanks to careful sequencing and coordination between Four Seasons and Merrick's facilities team.

"It was a challenging roof," Moen said. "But our crew approached it with the same precision and pride they bring to every job – and it shows in the final product."

The new roof is backed by a 20-Year Duro-Last NDL Warranty, ensuring long-term protection for the organization's mission and facilities.

"Knowing that we have a roof we can count on means we can focus on what matters most – the people we serve," Greenbaum said.



Discover the Duro-Last
difference: **800.248.0280**

duro-last.com

"Duro-Last", "Duro-Guard" and the "World's Best Roof" are trademarks of Amrise Technology Switzerland LLC, or its affiliates.
Merrick Inc. Case Study – ORIG: 7.29.26 - DL110051



Duro-Last is part of the Amrise family of brands