

## Carlson Labs

Arlington Heights, Illinois



In 1965, Carlson Labs began with a single product – vitamin E. Founder Susan Carlson produced this in her small Chicago apartment and quickly grew to offer the most complete line of all-natural vitamin E supplements in the world. Today, Carlson Labs is known for pure, high quality and award-winning vitamins, minerals, fish oils, and other nutritional supplements.

In 2018 Carlson Labs knew they needed a solution to their large leaking roof assembly. With two roofs already on the building – every roofing contractors told them that complete tear off or liquid coatings were the only possible solutions. Tearing off the roofs and exposing the building to weather could be risky causing potential disrupting to their daily production. And, removing and disposing of perfectly good insulation did not reflect the environmental stewardship policy of Carlson Labs. Liquid applied roof coatings, while inexpensive, did not offer a long-term roofing solution.

Fortunately, Peterson Roofing Inc. proposed another option – a WindSmart System. This approach allowed the building to be re-covered with a new membrane in lieu of either tear off or coatings. A WindSmart System can provide a superior, long-lasting roof that can be installed more quickly, with minimal fasteners through the roof deck, and with minimal disruption to daily manufacturing operations.

WindSmart roof systems use a proprietary process of installing new membranes with patented pressure equalization vents. An engineered process of controlled air exchange keeps insulation dry so that materials can be recycled in place – avoiding current and future roof tear off.

The new roof assembly was designed and installed to achieve:

- Local code official's acceptance of a WindSmart System for a recover application to achieve IBC code acceptance even when two roofs and/or moisture are present
- Environmental Stewardship – a project aligned with the owner's commitment to waste minimization through best practice of recycling existing roof materials and insulation in place versus the wasteful practice of premature tear off and extensive landfilling
- Higher weather resistance (wind, rain and hail) – to protect the critical long-term operations of Carlson Labs

**Owner:**  
Carlson Labs  
Arlington Heights, Illinois

**Roofing Contractor:**  
Peterson Roofing Inc.  
Mount Prospect, Illinois

**Square Footage:**  
81,000 sq. ft.

**Material:**  
60-Mil Fleeceback EPDM

**Year Completed:**  
2018

**Contact:**  
WindSmart, Technologically-Advanced Roofs  
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