

**Industrial Building**

Westland, Michigan



This facility is a fully leased 650,000 sq. ft. industrial building. Because the owner desired to reduce the costs of the final and largest re-roof phase, a vented roof was considered. Based on the owner's previous positive experiences with WindSmart, the project was awarded to WindSmart and a WindSmart approved contractor. Both worked with the designer and owner to deliver a high quality installation at a lower cost than any other roof bid. The project was completed to the full satisfaction of both the designer and building owner.

The WindSmart System is designed to be installed with minimal fasteners through the roof deck, so there was no disruption to daily manufacturing operations inside the building. Not only was it installed quickly, but the existing roof insulation was able to be recycled in place.

On large open roofs, WindSmart Systems are the most cost-effective way to add a new roof assembly. The 300,000 square foot WindSmart phase was installed in less than five weeks with a 10 person crew, even with significant inclement weather challenges.

The new roof assembly was designed and installed to achieve:

- IBC acceptance for a 3rd roof recover – even with two roofs are already in place
- Superior Technical Performance – WindSmart provides technical support and training for the new applicator to ensure a well installed new roof assembly that meets the specific operational goals of the designer, owner and tenant.

**Designer:**

Architectural Consulting Group, LTD  
Barrington, IL

**Roofing Contractor:**

WindSmart Approved Contractor

**Square Footage:**

300,000 sq. ft.

**Material and Technology:**

60mil thermoplastic membrane,  
Air-Sealed, Pressure-Equalized

**Year Completed:**

2019

**Contact:**

WindSmart, Technologically-Advanced Roofs  
Des Moines, Iowa  
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**Technologically-Advanced**

Air-Sealed, Pressure-Equalized Commercial Roof Systems®

## Key Benefits of the WindSmart® Vented Roof System



### Environmental Stewardship

**A sustainable long term solution.** Roof waste streams are a significant factor in the overloading of landfills. By keeping roof assemblies dry and in place long term, the normal practice of continual tear-off can be avoided.



### High Weather Resistance

**Greater protection from wind and weather elements.** Highly weather resistant roofs require a combination of proper configuration, quality materials and professional installation. The WindSmart Vented Roof System can achieve the highest level of weather protection from wind, rain and hail.



### Entrapped Moisture Removal

**A roof which can remain dry – long term.** The system is laboratory tested and field proven to remove any future entrapped moisture. Ensuring a dry roof is the key strategy for roof longevity, high thermal values and the ongoing recyclability of commercial roof assemblies.



### Most Cost-Effective Solution

**Lowest life-cycle costs.** The WindSmart System can significantly lower initial roof replacement costs. With WindSmart, it is possible to produce the lowest life-cycle cost roof assembly in the marketplace.

## WindSmart is driven to support your needs

### ■ Offering comprehensive technical support

We understand that every project is unique. WindSmart works to understand your needs. We utilize standardized practices to deliver customized recommendations that are tailored to meet your specific project goals.

### ■ Making your job less difficult

WindSmart provides standardized drawings and value-added services to support the proper installation of the WindSmart system. Our goal is an installed system that performs to everyone's expectations.

## WindSmart® Patented WindForce 365® Equalization Vent

WindSmart's patented WindForce 365® Equalization Vent offers the highest performing vented roof system in the industry. WindSmart's technical experience and expansive library of air seal techniques and options are designed to achieve superior performing vented roof assemblies.

