

### Greenhouse Eagle Scout Project "Giving Back to the Community"



For her Eagle Scout Project, Sydney Brott wanted to do something meaningful that would benefit the local community. With that in mind, she decided to build a greenhouse for the Freedom House Ministries, Inc.

Located in the Schmitt Park neighborhood of Green Bay, Wisconsin, the Freedom House was founded in 1992. This faith-based, non-profit organization provides a multitude of services to homeless families such as emergency shelter, food, clothing, and medical assistance.

Like many non-profit organizations, the Freedom House relies on financial contributions and community support to help continue their mission. "They don't have much money to spend on food that can easily spoil," Syd explained. "Being able to grow their own herbs and small vegetables will give them the opportunity to give more back to our community."

The style and materials Syd chose for the greenhouse were based on the overall aesthetic of the shelter's building along with the size parameters provided by the organization. This lean-to structure measures eight feet by twelve feet, standing eight at the tall end and six feet at the low end. Built out of treated lumber and covered with twin wall polycarbonate panels, the natural wood frame compliments the buildings western red cedar façade.



Having not built anything like this before, Syd said the project went well and she had a good experience working with the polycarbonate. "There was a bit of a learning curve trying to figure out how to put the H-trim and U-trim on to the ends of the panels. However, it being difficult to put on probably means that it'll be difficult to get off."

It took Syd and two others helping with the project a total of three days to build the Freedom House greenhouse. It is conveniently located near an entrance door and will provide staff with convenient access to fresh herbs and vegetables throughout the cooler months of the year.



## Featured Product

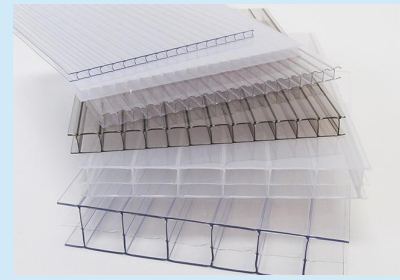
### CoverLite® Multiwall Polycarbonate

CoverLite® multiwall polycarbonate provide a high degree of light transmittance, outstanding impact strength, and excellent thermal insulation.

These high performance sheets are available in a wide range of sizes and gauges and are stocked in clear, hammered, opal, white, and bronze.

Sheets are offered with UV protection on one side or on both sides, retaining their weathering performance characteristics for many years.

Economical yet light in weight, CoverLite® multiwall sheets are a versatile option for a variety of indoor and outdoor glazing projects.



*CoverLite® multiwall polycarbonate sheets are reliable, durable, and easy to install.*

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## DIY Tip of the Month

### Cleaning Polycarbonate Sheets

If you have a polycarbonate roof over your deck, patio, or sunroom, take the time this summer to clean any dust, debris, and pollen that might have accumulated over the spring months.

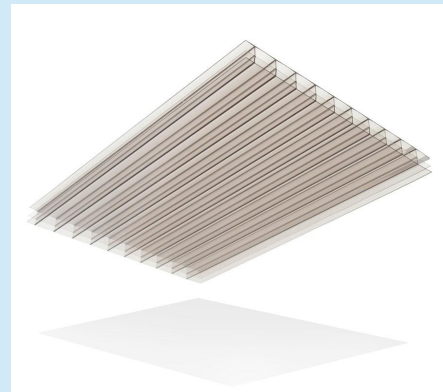


While regular rain showers will wash away most of the dirt and leaves, cleaning the sheets periodically will help maintain their integrity.

We recommend cleaning sheets with lukewarm water and a mild household detergent.

Use a soft rag or sponge to avoid scratching the sheets surface. Never use abrasive cleaning agents or glass window cleaners. To clean large areas of polycarbonate, a power washer on the mist setting may be used.

## What are Flutes?



**Q:** What are the flutes in a multiwall polycarbonate sheet?


**A.** Multiwall polycarbonate is characterized by hollow rectangular structures that run the length of the sheet and resemble a plastic version of corrugated cardboard.

Flutes trap air and provide insulation, creating an excellent thermal barrier. This multi-layered structure gives the sheet its strength, impact resistance, and longer spanning capabilities.

This structural configuration is commonly referred to as flutes, ribs or channels.



## Multiwall Polycarbonate: Excellent Insulative Properties




**Thermal Insulation & Energy Savings**

Multiwall polycarbonate is a great glazing option to standard glass because of its excellent thermal insulation performance.


The cellular structure of a multiwall polycarbonate sheet traps air between the layers and creates an excellent thermal barrier. The sheet's U-value and R-value is determined by the number of walls and the internal 'air space' structure.

Ideal for commercial, industrial, and residential applications, multiwall polycarbonate sheets help lower utility costs with better heat management, saving energy and money.


**Excellent Thermal Insulator**




Cellular Structure  
Traps Air



Helps Lower  
Utility Costs



Thicker Sheets =  
More Insulation



## Links of Interest

- [Located in Hanoi, Vietnam, this abandoned house was renovated to include a greenhouse-like space covered with a clear corrugated polycarbonate roof.](#)
- [The expansion and renovation of this residence in Japan features several translucent spaces made of polycarbonate, allowing natural light to filter into the home.](#)
- [Covered with corrugated metal and clear polycarbonate panels with same profile, this dual-purpose warehouse is used for storage as well as a family vacation house.](#)

## Company Highlights

### Meet the A-Team

Employee Spotlight | Jodi Smith

Having previously worked for companies owned by holding companies based in Japan and France, Jodi found AmeriLux appealing due to its streamlined decision making process, allowing quicker speed to market. After several discussions and a visit to Wisconsin, she decided to leave her former employer for a better cultural fit, joining the A-team in January of 2023.

As Vice President of Retail Sales for AmeriLux International, Jodi's role primarily focuses on national-level customer engagement. "I oversee partnerships with major retailers, ensuring strong merchant relationships and effective collaboration." She went on to say, "My role involves close collaboration with marketing, supply chain,



and operations teams to drive cohesive strategies that support our retail sales objectives.”

Some of the biggest challenges Jodi is facing in the retail market space today are competition and inflation. “They shape the retail landscape by influencing prices, costs, consumer behavior, profitability, and supply chain dynamics. Successful navigation of these challenges requires strategic planning, flexibility, and responsiveness to economic conditions.”

The retail big box industry is also seeing many emerging trends this year. Stores are integrating multiple shopping channels to deliver more personalized customer experiences — online and in-store. “Personalization is becoming more prevalent through data analytics and AI, offering customized shopping recommendations and targeted marketing.”



*"In sales, a positive first impression is crucial as it forms the foundation for trust, rapport, and relationship building.*

*It establishes an initial level of credibility and likability that paves the way for effective communication and collaboration."*

## "Communication is Our Currency"



"We prioritize face-to-face interaction over electronic communication in a world going the other way. We seek deeper, more profound connections that build authentic relationships. We look to create maximum value in our daily exchanges with one another through presence of mind and body."

**June's Brand Ambassador: Kevin Kiekhafer**  
Shipping Supervisor - Shape Products

How We Succeed at AmeriLux

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