

November, 2018

AmeriLux News



Four Seasons Hobby Greenhouse "Cold Climate Year-Round Growing"

William 'Bill' Crider and his wife wanted a hobby greenhouse they could grow in year-round — no matter the season in their home state of Colorado.

They investigated the cost of purchasing a pre-fabricated kit, but Bill felt it would be more economical to build a greenhouse.

After determining their growing space needs, Bill decided on an 8' x 10' freestanding style greenhouse.

This type of structure allows for greater design flexibility than an attached or lean-to greenhouse. He built the greenhouse close to their home for convenient access to fresh herbs and vegetables.



The hobby greenhouse is a 2x6 wood-frame construction, allowing for more insulation.

Bill wanted a permanent structure that was weather

Featured Product

LEXAN™ THERMOCLEAR™ 15 Softlite



LEXAN™ THERMOCLEAR™ 15 Softlite is a 100% light diffusing multiwall polycarbonate sheet. Utilizing advanced polymer technology, this sheet diffuses and scatters the light while maintaining high levels of light transmission.

- Eliminates hot spots & shadows
- Light gets deep into the canopy
- Ideal for horticultural applications

LEXAN™ THERMOCLEAR™ 15 Softlite carries a 15-year warranty against yellowing as well as 15-years against breakage caused by hail. In addition, AmeriLux's extended warranty program increases total coverage to 20-years!

LEXAN THERMOCLEAR is a trademark of SABIC

[Product Brochure](#)

Ask the Tech Expert



Q. What are the flutes in a multiwall polycarbonate sheet?



and heat tight. He insulated the framed walls and roof with fiberglass — essential for keeping plants warm during cold winter months.

Bill chose multiwall polycarbonate as the glazing material because the panels retain heat better than glass or plastic film.



In colder climates like Colorado, the sun is both a source of light and heat. Transparent polycarbonate glazing lets the sun's light and warmth in while keeping nature's elements out.

"I chose double wall polycarbonate for its strength and insulation," Bill explained. "In addition, the diffusion properties of the LEXAN™ Softlite panels will provide even light dispersion for the plants."



Compared to glass, multiwall polycarbonate panels are lightweight, flexible, and easier to work with. "It was like working with plywood. The panels were very easy to cut. Polycarbonate is also less expensive than glass."

Bill went on to say: ""As winter has arrived in Colorado, I am really pleased with the performance of the panels. It's a great product!"

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A. Multiwall polycarbonate is characterized by a hollow rectangular structure that runs the length of the sheet. This structural configuration is known as 'flutes', 'ribs', or 'channels'.

The flutes trap air, creating an excellent thermal barrier. The flutes also give the sheet its strength and long spanning capabilities.

[More FAQ's](#)

DIY Tip of the Month

"Fall Clean-up"



Removal of leaves and debris from polycarbonate structures is important to maintaining high light transmission and prolonging the life of the panels.

Here are some important cleaning tips:

- Avoid aggressive cleaning agents
- Never use abrasive brushes
- Use a grit-free cloth or sponge
- Clean in the direction of the flutes
- Avoid cleaning panels when dry

To remove most dirt and grime, simply rinse panels with water and dry using a soft cloth. If additional cleaning is needed, use a mild household detergent and a soft sponge. Rinse thoroughly.

Company Highlights

Meet the A-Team | Taylor Brown

Hoping to graduate with her bachelor's degree in three years, Taylor Brown is a freshman at St. Norbert College. She is pursuing a major in Business Administration with a Marketing focus and is considering a graphic design minor. Taylor joined the AmeriLux A-Team in September as a Marketing and Communications Intern.



"I decided on Marketing during my senior year of high school because it encompasses a lot of my interests and skills – writing, design, and communication," Taylor said. She went on to explain why she chose an internship with AmeriLux. "The values of AmeriLux

"It's a little scary investing in a college education and paying for

were evident and stood out from the first time I researched the company online. I could tell this was a place with the kind of community environment that provides a great place to learn.”

When asked what she’s been enjoying most about her internship, Taylor replied, “I have to say my favorite part is getting to learn about marketing while also learning more about myself and becoming more confident in my career path.”

Fun Fact: Taylor has three sisters, one brother, and another sister on the way!

credits towards a specific major. Since being here, I feel more confident that marketing is the right career path for me.”

Links of Interest:

- **Open Your Blinds - Sunshine Helps Kill Germs:** [New study finds day-lit rooms had fewer germs than rooms kept dark or lit with artificial light only.](#)
- **Polycarbonate Glazing:** [Growing in popularity, multiwall polycarbonate panels offer glazing solutions for both new construction and retrofit applications.](#)
- **Affordable Ambiance:** [Polycarbonate’s light diffusing properties create striking effects in today’s contemporary residential architecture.](#)

Maximize the natural light in your home or workspace with a polycarbonate daylighting solution. Call today for product and pricing information.

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