

## Must-Do Fall Home Improvement Projects

"Polycarbonate: A Versatile Glazing Option"



It's a great time of year for tackling those home improvement projects. The weather is just right — not too hot and not too cold.

Featuring high light transmission, excellent thermal properties, and outstanding impact strength, multiwall polycarbonate is an ideal glazing choice for a variety of DIY projects.

### Deck or Patio Cover

Who says you can only enjoy your deck or patio during the winter months? Grill all year round, whatever the weather, with a polycarbonate roof cover. Translucent

multiwall polycarbonate panels provide overhead coverage from rain and snow without sacrificing natural daylight.

### Entry Door Windbreak

A removable windbreak is a great way to draft-proof exterior doors during the cold winter months and can easily be stored during the warmer months. Virtually unbreakable yet light in weight, multiwall polycarbonate panels can withstand the impact of harsh winds, blowing snow, and flying ice particles.



### Secondary Window Glazing

A lot of heat can be lost through traditional single-glazed windows as the weather cools down. Multiwall polycarbonate performs well as secondary glazing. The panel's cellular structure traps air between the layers, providing excellent thermal performance and potential energy savings.



### Firewood Storage

Keeping wood dry requires protecting it from the elements. Easy to handle and install, multiwall polycarbonate panels can be used to build both the walls and roof of a woodshed. Your firewood will be ready to use whether it's raining or snowing outside. And, you'll gain back space in your garage!

### Window Well Covers

Unightly leaf pile-up, potential intruders, and possible falls may result from an open window well. These issues can be



prevented by installing a simple polycarbonate window well cover. Multiwall polycarbonate offers outstanding impact performance and can withstand flying stones, hail, and accidental impact.



### Year-Round Greenhouse

A passive solar greenhouse is a great option for cold climate gardeners looking to extend their growing season. Translucent multiwall polycarbonate provides plenty of natural light for growing hardy greens and offers excellent thermal insulation to help retain heat inside the greenhouse even in winter.

Multiwall polycarbonate is easy to handle, fabricate, and install with common household tools, making these fall home improvement projects great for do-it-yourselfers.

To learn more about the advantages of using multiwall polycarbonate panels for your next project, please call 888-602-4441 to speak to a friendly and knowledgeable member of the AmeriLux A-Team.

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## Featured Product

LEXAN™ Multiwall Polycarbonate Sheet



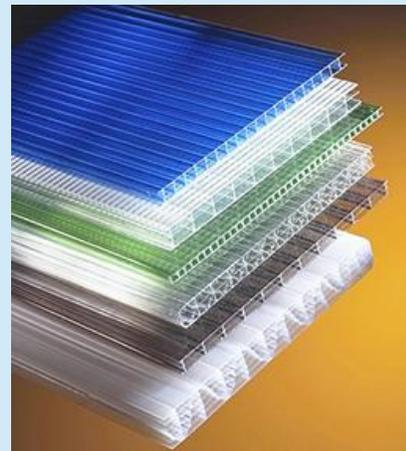
LEXAN™ multiwall polycarbonate sheets are available in a wide range of gauges, structures, colors, coatings, and finishes, offering architects and designers

unprecedented design flexibility.

These high-performance polycarbonate sheets provide diffused natural light and energy efficiency properties that translate into energy cost savings for commercial, residential, and industrial building applications.

- High Light Transmittance
- Superior Impact Strength
- UV and Fire Resistant
- Excellent Thermal Insulation

In addition, LEXAN™ sheet systems are designed for fast and easy installation, helping to lower system costs while enhancing thermal insulation, durability, and safety.



*From domed stadiums, conservatories, and greenhouses to distribution warehouses, office buildings, and pool enclosures, LEXAN™ multiwall polycarbonate sheets are built to last for years and years.*

*LEXAN is a trademark of SABIC.*

[Visit Product Page](#)

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## DIY Tip of the Month

With its wide range of colors and light transmissions, multiwall polycarbonate panels can add visual interest to a residential or commercial space.

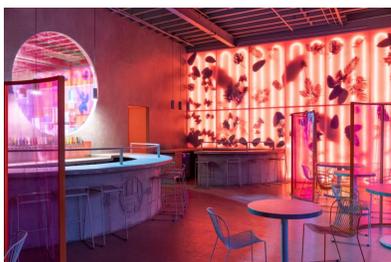
The translucent nature of the multiwall panel allows light to come through and is well suited to backlighting applications. The 'wow factor' is incredible. A functional yet creative option for interior walls or ceilings.

Light in weight and shatter resistant, multiwall polycarbonate panels are easy to handle, cut into shapes, and install. DIY and done!

Multiwall polycarbonate is also cost effective compared to other building materials and can be used in a wide variety

of custom interior applications. Add personality and a beautiful accent to any room with these versatile panels. Call or send us an email for more product information and pricing.

*If you would like advice on the best polycarbonate panel to use for your next interior design project, please call 888-602-4441 or send an email to [info@amerilux.com](mailto:info@amerilux.com).*



## Install Temperature?



**Q:** What is the best temperature for installing my polycarbonate panels?

**A.** Throughout the year, seasonal temperature fluctuations will cause polycarbonate panels to expand and/or contract. Increases in temperature expand or lengthen panels while decreases in temperature contract or shorten panels. Planning for this thermal expansion before and during installation is very important.

Because polycarbonate expands and contracts with temperature change, sheets should be installed between 55°F and 70°F. Allowance must be made for both the length and width of a sheet at a rate of .04" per 1' per 100° temperature differentials. Bronze colored sheets expand and contract more, requiring an additional 30% space.

**Note:** Panels installed in extreme cold or hot weather conditions (even if the holes are pre-drilled) require an additional 30% space.

[More FAQs](#)

## Fall Polycarbonate Maintenance Tips

  
**Polycarbonate Panel Maintenance**

 **AMERILUX**  
FAMILY OF COMPANIES

Do you have a deck, pergola, hobby greenhouse, or pool enclosure that is covered with multiwall or corrugated polycarbonate? Fall is a wonderful time to do some annual maintenance to make sure your panels will last for many years.

During the summer months, pollen, bugs, leaves, and other debris will accumulate on the surface of your polycarbonate panels. Annual fall cleaning in accordance with product guidelines will help prolong the life of the panels and maintain their mechanical properties.

To clean panels: Gently rinse with mild household detergent, lukewarm water, and a soft sponge. Thoroughly rinse with clean water and dry to prevent water spotting. A little 'seasonal elbow grease' will keep your polycarbonate panels in excellent condition!



**F A L L**  
**Maintenance Tips**

- Do not clean in direct sunlight
- Do not clean in hot temperatures
- Do not use abrasive cleaners or chemicals
- Never scrub w/brushes or steel wool
- Replace or repair damaged panels
- Only use a 100% silicone sealant

## Links of Interest

- The Ho Me Yang Yang house in South Korea is designed to capture the sea's vitality and peace, combining materials such as corrugated metal, stone, and polycarbonate.
- Located in Montérégie, Québec, this barns translucent polycarbonate facade provides plenty of natural light, enhancing the well-being and productivity of the cows.
- Using dichroic film, mirror film, and polycarbonate sheets, the colorful arches of this four-tower installation were designed to mimic urban features like piazzas and arcades.

## Company Highlights

### Building Beds for Children



Started in 2012 by Luke and Heidi Mickelson in Twin Falls, Idaho, the nonprofit organization 'Sleep in Heavenly Peace' has grown to over 240 chapters across the country. This

all-volunteer organization's mission is to build, assemble, and deliver bunk beds to needy families, providing kids with a safe and comfortable place to lay their heads.

The De Pere, Wisconsin chapter recently held another 'Saturday Community Build Day' at AmeriLux International. With a strong commitment to community involvement, AmeriLux has provided the indoor floor space for several builds as well as many AmeriLux employees have volunteered their time to build and deliver fully furnished beds to local kiddos.

Dan Vermeulen, co-president of the De Pere chapter, had this to say about the event, "I just wanted to reach out to say 'Thank You' for allowing us to use your facility last weekend to host our event. We had 117 volunteers and were able to build 122 beds in four hours. We have already delivered 17 of those beds with 20 more beds going out this week as we work on our waiting list which is currently at 70 kids."

To learn more about this great organization, become a volunteer, or make a tax-deductible donation to your local chapter, please visit [www.shpbeds.org](http://www.shpbeds.org).



## Meet the A-Team

Employee Spotlight | Nicole Ciha

Looking for a role that was a little more intriguing and challenging, Nicole joined the A-Team in the fall of 2021 as an Account Manager for AmeriLux International. She is a graduate of St Norbert College and brings valuable customer service experience to her role on the customer relations team.

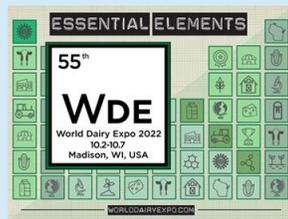
Nicole really likes AmeriLux's 'balance of culture' and appreciates being included in conversations on how to better the company and its processes. "We have fun together while still getting our work done. I feel my opinion is heard and really taken into consideration. That is something that is hard to find starting out in a career."

Something Nicole specifically enjoys about her role as an Account Manager is the capacity to have accountability. "I have a larger voice in my role, and I am able to talk to my customers on a day-to-day basis." She went on to say that her time at AmeriLux so far has taught her how to juggle multiple tasks and has given her more responsibility."



*"I am able to give my opinion on decisions that affect the big picture."*

## World Dairy Expo 2022



Serving as the international meeting place for the dairy industry, the World Dairy Expo brings together the latest in dairy innovation and technology.

**When:** October 4th – 7th

**Where:** Alliant Energy Center, Madison, Wisconsin

**Show Info:** <https://worlddairyexpo.com/>

Be one of more than 50,000 industry professionals and enthusiasts who visit Madison, Wisconsin this year for the world's largest dairy-focused trade show. Make sure to stop by our Booth# 486 located in the Trade Center.

## METALCON 2022



As the one and only conference dedicated to the application of metal in design and construction, this year's event floor at METALCON will be packed with over 200 of the most respected metal construction vendors and industry leading suppliers. In addition to 40+ educational sessions, workshops, and product demonstrations.

**When:** October 12th – 14th

**Where:** Indiana Convention Center, Indianapolis, Indiana

**Show Info:** <https://www.metalcon.com>

This is a 3-day metal event you don't want to miss. Come check us out at Booth# 1830 and see what's new.

## "Make A Play"

The only people that have never made a mistake are people that have never done anything." We are predisposed to take action because failure to make a decision gives all control away to outside forces. We take control of our individual and collective future by engaging in meaningful action, accepting that we will make some mistakes along the way. We believe the only true failure is a failure to learn from mistakes and improve.



**August's Brand Ambassador: Diedra Wilmet**  
Real Time Inventory Manager - AmeriLux International

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