

AmeriLux News

AmeriLux International is a value-adding distributor of multiwall and corrugated polycarbonate sheet products, PVC sheet and liner panels, and steel coil.

Featured Project:

Polycarbonate Panels Brighten Tiny Home

"Small Space Daylighting Solutions"

The Carpenter Owl is located in Bloomington, Indiana. Daniel Weddle, the face behind the feathers, specializes in building wonderful, small structures. These tiny homes, studios, and expression spaces are artful creations incorporating healthy design elements and natural building materials.



Built for an herbalist in North Carolina, 'The Woolly Resistance of the Salted Snail' features a translucent multiwall polycarbonate skylight over the stairs and a transparent monolithic polycarbonate bed pod. These daylighting solutions provide the tiny home owner with the perfect opportunity to watch the sunrise or gaze at a star-filled night sky - to slow down, relax and de-stress.

Besides the benefits of natural daylight, the LEXAN™ THERMOCLEAR™ 25mm 5X multiwall polycarbonate panel used in the skylight provides excellent thermal insulation. High thermal performance was an important material consideration since the skylight is located in the heated portion of the tiny home.



When asked if he plans to use polycarbonate in future tiny home designs, Daniel had this response: "Yes, I have dreamed of having a half roof for an artist studio that would allow diffused north light to enter the space. This would be done with multiwall polycarbonate for winter."

Thinking about building a tiny home or structure? [Learn more at the Carpenter Owl >>](#)

LEXAN™ THERMOCLEAR™ is a trademark of SABIC

Meet the A-Team:

Dillon Tycz | Customer Relations



Dillon Tycz graduated from St. Norbert College (De Pere, WI) on May 14th and joined the A-Team full-time the week after. Prior to graduating, Dillon spent his last semester interning at AmeriLux in the Customer Relations Department.

His internship at AmeriLux, along with summers spent working in the company's Distribution Center, positively influenced his decision to accept a position after graduation. "I chose AmeriLux because of the opportunity it gives me to grow professionally and as an individual," said Dillon. "I was attracted to the company because of the atmosphere that surrounds the business and belief in my potential as a valued asset to the company."

Dillon's role at AmeriLux will continue where his internship left off - within Customer Relations. Eventually, he will switch to Operations and focus on Quality Assurance, making sure AmeriLux's processes meet defined performance standards.

Fun Fact: Dillon was a collegiate athlete for two years at St. Norbert College.

In the News:

Young Life Glow Run

Runners and walkers took to the streets of downtown Green Bay, WI earlier this May for the Young Life Glow Run. The evening event was a non-timed 5K run/walk focused on having fun with family and friends. Participants lit up the night, dressing in bright neon and glow gear.

AmeriLux International was proud to be one of the sponsors of this year's fund-raising event. Several AmeriLux employees, along with family members, participated or volunteered. Everyone had a great time while giving back to an amazing organization.

Young Life works with middle and high school-age students. A significant effort is placed on providing kids with the opportunity to attend camp during their summer vacation. Events, like the Glow Run, fund student service days. Kids earn money on their 'camp account' by doing service work for schools and local non-profits. A win-win for both students and the community!

[To learn more about Young Life >>](#)



Pictured from left to right: Jasmine Carter, Laura Leiterman (Inventory Control Specialist), Hillary Nick, Joe Nick (VP of Operations), Kati Monson, Kelly Romenesko (Customer Relations Mgr)

AmeriLux | Building Expansion Update

The new building is coming along well. The construction crew continues to make great progress despite the rain delays. The sides and ends of the steel framework are now covered with metal siding. Roofing is underway. The masonry brick on the front of the building complements our existing building nicely.

All four sides of the building will feature the LEXAN™ THERMOCLICK™ 40mm interlocking polycarbonate panel. Installation of the THERMOCLICK™ panels is complete on the side walls and will continue to be installed on the end walls next week.

THERMOCLICK™ polycarbonate panels will not only provide the natural comfort of daylight but will also significantly reduce energy costs. LEXAN™ THERMOCLICK™ is available in a wide range of colors. The blue panels being installed on the new building match those featured on our current facility. [Follow our Expansion Progress >> Updates are posted regularly.](#)



*LEXAN™ THERMOCLICK™ is a trademark of SABIC

Featured Product



LEXAN™ THERMOCLEAR™ "25mm Clear 5-Wall X"

A member of the LEXAN™
THERMOCLEAR™ product

Ask the Tech Expert



Q: Are multiwall polycarbonate panels flexible?

DIY Tip of the Month



"Cutting Polycarbonate"

Polycarbonate panels can easily be cut using

portfolio, the 25mm 5X structure sheet offers remarkable impact strength yet is light in weight, thus saving on installation costs.

The multiwall construction of this sheet provides excellent thermal insulation properties which promotes energy conservation by reducing energy consumption.

One of the key benefits of the 25mm 5X product is its strength. The X-structure allows for longer spans and needs less support than thinner gauge polycarbonate panels

The 25mm 5X sheet is also UV protected on both sides. This proprietary surface treatment delivers long-term weather resistance and allows the sheet to maintain a high degree of light transmittance.

If you would like a quote on this product for your next project, please call 888.602.4441.

A: Yes, polycarbonate panels are highly flexible. This is a distinguishing characteristic between polycarbonate and glass. Single layer panels are more flexible than multiwall configurations. Polycarbonate panels can be curved or bent using common forming processes.

Polycarbonate panels can easily be cold formed (curved lengthwise) and fabricated on site to specific dimensions. The structure, thickness and stiffness of the panel will impact the extent of radius bending.

It is important to avoid over-bending the panel. If too much stress is placed on bent section of the panel, it may break or develop cracks. Cold bending is ideal for arched applications such as canopies, barrel vault skylights and domed roof lights.

[Click here for a list of our most frequently asked questions.](#)

conventional carpentry tools such as a table saw or an overhead panel saw.

Always support and clamp sheets before cutting to reduce vibration. Feed the sheets through slowly to avoid chipping but steadily to prevent heat build-up.

A circular saw with carbide teeth (triple chip) is best for straight, long cuts. Use either a vertical band saw or hand-held jigsaw for curved cutting. In all cases, a fine-toothed blade should always be used.

Cutting should be done at a high speed but low advance rate. If making a pointed turn, first drill a hole where the two cuts are to intersect and then cut through the hole. Properly support and clamp sheets to minimize vibration.

When working with power tools always wear and use the proper safety equipment!!