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AmeriLux International will be closed Thursday, November 26th and Friday, November 27th for the Thanksgiving Holiday. We will resume our normal business hours on Monday, November 30th.

(M-F 8:00-5:00 CST)

Frequently Asked Question

Q: Why is an anti-condensate feature important when choosing a greenhouse covering?

AmeriLux Newsletter

November 2015

New 'State-of-the-Art' Hydroponic Greenhouse

"Providing Job Training for Veterans"

Riverview Gardens (RVG) is a non-profit organization located on a former country club golf course in downtown Appleton, Wisconsin. An innovative, self-sustaining, social enterprise, RVG provides job training for people in need via its urban farm and financially supports other community outreach programs.

For the last several years, RVG and its volunteers have been working tirelessly, transforming the fairways into a much different landscape. Parts of the original golf course have become garden beds, orchards, and hoop greenhouses while other areas are being returned to their native prairie and woodland state.

One portion of the original property that was no longer being used was the outdoor swimming pool. Collaborating with the Outagamie County Veterans Treatment Court on a project to help veterans adjust back into the community, RVG recently transformed the unused pool into a year-round hydroponic greenhouse. The facility will provide job training opportunities for veterans in need of a safe and positive working environment, preparing them for a successful transition back into civilian life.



Miron Construction, Neenah, WI, served as the design-builder on the 75 hundred square foot greenhouse project, partnering with Somerville Architects/Engineers, Paul Boers Manufacturing,

A: Condensation on the inner surface of a greenhouse covering reduces light transmission and increases the risk of disease.

An anti-drip or anti-condensate coating reduces surface tension, encouraging water to condense not as droplets but as a thin layer. This condensation layer is diverted down the sides of the greenhouse instead of dripping onto plants.

Benefits include fewer diseases, reduced need for pesticides, and higher quality plants.

[FIND MORE FAQ ON OUR WEBSITE - CLICK HERE](#)

Check out our [Pinterest Page for Application Ideas!](#)



Polycarbonate Term

DRIPGARD

DRIPGARD is a proprietary hydrophilic coating available on SABIC'S LEXAN™ THERMOCLEAR™ sheet products.

AmeriLux International, and seventeen other companies who generously donated their time and materials.

"One of our core drivers is community involvement", said Chad Pingel, Sustainable Services Manager with Miron Construction. "What an incredible opportunity to support such a worthy non-profit's plan to become self-sustaining!"

Riverview Garden's "state-of-the-art" hydroponic greenhouse is considered a best-practice in the industry. The high-production facility is temperature controlled and useable year-round. Glazed with 18,000 square feet of LEXAN™ THERMOCLEAR™ 15 Softlite, the twin-wall polycarbonate material will help reduce heat loss during the cold Wisconsin winter months.



In addition to having excellent thermal properties, covering the new greenhouse with polycarbonate panels made the most sense for its intended use. The material is durable and long-lasting, retaining its high light transmission, clarity, and mechanical properties for years. LEXAN™ THERMOCLEAR™ 15 is the industry's only polycarbonate multiwall glazing panel available with a 20-Year Extended Warranty.

The 100% diffusion feature of the Softlite panel allows plants to benefit from high levels of light for growth while protecting them from harsh, intense sunlight. The scattering of the light encompasses both top and bottom leaves, resulting in faster, uniform plant growth.

According to Project Superintendent, Kevin Bikowski, the installation of the polycarbonate panels went smoothly. He worked directly with the individuals installing the panels and experienced no issues. "They were easy to install," Kevin said. "AmeriLux was very good to work with. They were responsive to any questions that arose and delivered materials on time."

[Click here to watch a time lapse video documenting construction of the hydroponic greenhouse.](#)

"We love seeing our products being used in new and innovative ways. This facility will elevate the work that Riverview is doing," said Travis Vanden Heuvel, Director of Business Development with AmeriLux International. Travis was AmeriLux's point person on this project. He went on to say, "Their business model, centered on job training for veterans, is the gold standard in self-

The DRIPGARD coating on the inner surface of the LEXAN™ sheet reduces the formation of condensation droplets, improving greenhouse production by preventing crop spoilage and loss of light transmission.

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DIY Tip of the Month

Anti-condensate greenhouse coverings do not "eliminate condensation".

The anti-condensate feature only changes the way condensation moves or accumulates on the

sustaining, social enterprise. We are so proud to have had the opportunity to work with them."



RVG's hydroponic growing operation will include the incorporation of microgreens. Microgreens are vegetables harvested in their early stages of growth. This early harvest of the plant gives the peak amounts of nutrients to the consumer. Riverview Gardens plans on initially growing lettuce, expanding to tomatoes and herbs.

Food grown on-site will be sold to local grocers, restaurants, hospital cafeterias, and corporate cafeterias. Revenues will support RVG programs, aiding in achieving financial self-sufficiency for Riverview Gardens. The new hydroponics greenhouse is anticipated to generate over \$200,000 annually.

If you would like to learn more about Riverview Gardens and their mission, [please click here for a link to their website.](#)

A special "Thanks!" to our friends at Riverview Gardens and Miron Construction for involving us with the construction of Riverview's new, state-of-the-art, hydroponic greenhouse. AmeriLux prides itself on community engagement and giving back to the people in Northeast Wisconsin. This project provided us with an opportunity to do that.

LEXAN THERMOCLEAR is a trademark of SABIC.

LEXAN THERMOCLEAR 15 sheet carries an Industry Leading 15-year Warranty against yellowing as well as 15-years against breakage caused by hail. As a compliment to SABIC's Warranty, the AmeriLux Extended Warranty increases total coverage to 20-years.

Employee Spotlight: Raphael Guns

"Focused on Customer Satisfaction"

In January 2016, Raphael "Ray" Guns will be celebrating his four-year anniversary with AmeriLux International. Before coming to AmeriLux, Ray worked in the construction arena as a drywall installer and plaster finisher.



A valuable member of the AmeriLux Distribution Center, Ray oversees the Lumira® aerogel department. He operates the Lumira® filling machine used to fill the multiwall panels with the dry silica particulate. This one-of-a-kind piece of

inner surface of the covering.

If there is moisture in the greenhouse atmosphere and the outside temperature is cold enough, water will condense.

To remove moisture from a greenhouse, ventilation or heating is recommended.

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Turkey Day Fun Facts

Thanksgiving is not just an American Holiday. It is also celebrated on the 2nd Monday of October in Canada.

The first Thanksgiving celebration was organized in 1621 and lasted three days.

The annual Macy's Thanksgiving Day parade tradition began in 1924.

Only male turkeys

equipment is capable of filling 10mm to 50mm thick polycarbonate panels up to 6 feet wide and 22 feet long.

Ray is also responsible for the tamping and inspecting of the filled polycarbonate panels. The tamping process ensures Lumira® aerogel-filled panels meet maximum density requirements. After a 24-hour "settling-period" the panels are backlit inspected and Ray tops them off if necessary, confirming each panel meets AmeriLux's high quality product standards.

When he is not busy in his own department, Ray fills in wherever help is needed in the Distribution Center. "It's all about team work," Ray said. "I work with a great team of guys. Everyone does a great job of keeping each other in the loop."

"Good internal communications between DC leads and the sales team is very important," says Ray. "We need to make sure that all orders are correct and go out on time. Customer satisfaction is our number one priority!"

Lumira® aerogel increases the thermal insulation properties of a multiwall panel. The use of insulated polycarbonate panels in architectural daylighting applications can aid in meeting today's stringent building and energy code requirements. Call today to learn more about the benefits of this product.

Happy Thanksgiving!

It's that time of year to give thanks. A time to give thanks for family, friends, and all that is good in our lives. In celebration of Thanksgiving Day, here's what some of the members of the A-Team are thankful for:



- **Aaron Vanden Heuvel (DC Team):** "I am thankful for great children, family, and a challenging job."
- **Patrick Gauthier (General Manager):** "I am thankful for all the support we receive from our internal and external customers."
- **Chris Cutcher (DC Team):** "I'm thankful for my job because last year at this time I did not have one!"
- **Stephanie Bitzan (Customer Relations Mgr):** "This Thanksgiving I'm going to take a few minutes to sit quietly and just be thankful for all that I have: My life, my family, our health, the bounty that will be set before us. I will look at everyone in my family and be completely thankful I am part of them and they are part of me."
- **Laura Leiterman (Shipping & Inventory Control):** "My

"gobble, gobble".
Females cackle.

The average weight of a
turkey purchased for
Thanksgiving is 15 lbs.

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- support system. With them I can get through anything!"*
- **Erik Voss (Transportation Mgr & Inside Sales):** "I am thankful for working on a team with people who genuinely care about each other."
 - **Ray Guns (DC Team):** "Thanksgiving is a time to get together with family and friends to thank God for all of the blessings we have."
 - **Ann Trinko (Staff Accountant):** "I am thankful for having God in my life and all the blessings he has bestowed upon me and my family."

All of us at AmeriLux International would like to wish you and yours a Happy Thanksgiving. May you enjoy the day with the ones you cherish the most. Have a happy, safe, and healthy holiday!

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AmeriLux International, LLC | 1212 Enterprise Drive | De Pere | WI | 54115