

March, 2018

## AmeriLux News



### Agricultural Buildings & Daylighting "The Importance of Animal Comfort"

Since building a freestall barn for them in 2004, Forest Construction has constructed all of the Brooks Farms agricultural buildings.

In 2017, Forest Construction erected a new freestall barn adjacent to the Brooks' milking facility. New

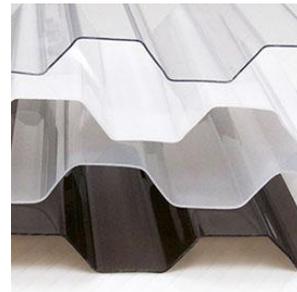


calf and heifer barns were also built in recent years. When it comes to building these types of structures, cow comfort is taken seriously — effecting productivity, milk quality, and behavior.

With animal comfort in mind, a unique ridge skylight was developed for the Brooks' new barn using LEXAN™ Softlite multiwall polycarbonate.

Softlite is a 100% light diffusing panel, letting in a

### Featured Product LEXAN™ Greca Corrugated



This polycarbonate sheet features a square-wave profile and offers high light transmission, long-term UV protection, and excellent impact resistance.

Available in clear, bronze, opal, and softlite, LEXAN™ Greca is a cost-effective way of incorporating daylighting into low-rise agricultural, commercial, and industrial buildings.

Let natural light in — keep nature's elements out!

[Product Brochure](#)

### Ask the Tech Expert



Q. How do you cut corrugated



significant amount of natural light while reducing hot spots in the barn. The panel's

proprietary anti-drip coating prevents condensation build-up. This feature eliminates bothersome dripping on the cows below and helps to keep their bedding dry.

For additional natural light, the gable ends of the Brooks' new barn were covered with LEXAN™ Greca bronze polycarbonate panels. The color lets in a good amount of light and minimizes solar heat gain in the summer months. Forest Construction likes using this square-wave panel because it is thicker, has good rigidity, and resists wind damage better than some other profiles. The bronze panels also accent well with many of their steel colors.

There are many advantages to using polycarbonate in a building like this versus another type of glazing material. Available in a variety of colors and translucencies, polycarbonate is durable, flexible, and offers a high degree of light transmittance. The UV-protected outer surface helps to maintain the superior toughness of the material — these panels will last for years!

"Ron Brooks (CEO) and his daughter Zoey Brooks (COO) are very pleased with their building's aesthetics and how they are performing as cutting edge dairy housing facilities." — Aaron Nimmer, Forest Construction

[Forest Construction Co, Inc. is a family owned and operated business located in Luxemberg, Wisconsin specializing in building high quality agricultural, commercial, and storage buildings.](#)

[Located in Waupaca, Wisconsin, Brooks Farms is a sixth-generation dairy and crop farm known for their outstanding conservation efforts.](#)

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polycarbonate sheets?

**A.** A circular saw 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.

Always properly support and clamp sheets to minimize vibration.

[More FAQ's](#)

## DIY Tip of the Month

### Closure Strips



Typically made of foam or plastic, closure strips match the configuration of a corrugated panel and seal the opening created where the panel meets a flat surface.

Closure strips increase the weather-tightness of polycarbonate corrugated panels by preventing moisture, insects, and debris from getting under the panels.

Use closure strips on your next project for a finished, professional appearance.

# Company Highlights

## Meet the A-Team | Logan Doran

Looking for a good place to work while finishing college, Logan Doran joined AmeriLux in October of 2016. He has been a valuable asset to the DC (Distribution Center) since joining, always willing to work hard and help the A-Team where needed.



“There is a new challenge every day to push you. Giving you opportunities to be creative and improvise solutions towards those challenges,” said Logan. “There’s never a dull moment.”

As the Corrugated Team Leader, Logan is faced with the daily challenge of cutting corrugated polycarbonate panel orders in the most efficient and safest way possible. Good time management skills and a well-organized inventory ensure all orders are fulfilled on time with the highest quality products.

“The only way to succeed is through teamwork and collaboration,” Logan explained. He went on to add, “As well as a good night’s sleep, a hearty breakfast, classic rock, and maybe an energy drink or two.”

**Fun Fact:** When Logan was 9 years old, he went into a shark cage for the first time and became a certified scuba diver.

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## Top Ten Products of 2017 | LEXAN™ Greca

Through a reader service card system, Rural Builder and Frame Building News readers request additional information on products and services featured in these magazines.



Each year these reader requests are tabulated and a “Top 10” list is generated. Selections are based on the feedback through the reader service process which gauges interest in a company’s products on an issue-by-issue basis.

AmeriLux is proud to be among the Top 10 winners. [Click Here](#) for a link to the online publication featuring the 10 Most Popular Products of 2017.

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