



*a world of possibilities*

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#### Visit us at NFBA!

February 20th - 22nd  
Memphis Cook Convention  
Center, Memphis, TN

**Booth# 217**

#### Request for Project Photos

If you have a recent project that incorporated our products, we would like to see it! Simply [CLICK HERE](#) to email photos and a brief description.

#### Check Out Our BLOG:



## AmeriLux Newsletter

*January 2013*

Valued Partner,

As we begin a new year, we want to take a moment to reflect on the successes of 2012, and our momentum moving into 2013. First, we want to sincerely thank all our customers, vendors, and partners for their valued business and loyalty in 2012. Last year proved to be quite an eventful year for AmeriLux; we grew as a company in sales, personnel and plant size. Our recent building expansion has greatly improved day-to-day productivity, inventory management and operational efficiency. Here are some more highlights of 2012:

- Building strong relationships and partnerships with our Customers
  - 100% of our customers, on an overall basis, are satisfied with AmeriLux
  - 74% of the respondents were highly satisfied
  - 97% of our customers would recommend AmeriLux to others
  - When asked to define AmeriLux, the three most prominent responses were 1) Easy to do business with, 2) Customer-focused, and 3) Trustworthy
- Concentrated Business Development Efforts
  - Launched an updated and enhanced website (21,826 visitors/72,348 page-views)
  - Began publishing a monthly, relevant and comprehensive newsletter with 1350 subscribers
  - Created a Distance Learning Program to further our efforts to educate the marketplace on the features and benefits of our products (4 new AIA-accredited presentations)
  - Directly contacted over 1,200 architects and

Visit our blog for updates on products, projects, technical information, industry news, and more!  
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Take our AIA-  
accredited course  
ONLINE and earn  
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This course provides an overview of how multiwall polycarbonate is manufactured, the advantages over other building products, and its multiple architectural applications.

[CLICK HERE](#) to take the course now!

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designers to discuss opportunities to use our products in the building and construction market

- Creation of AmeriLux Transportation
  - The formation of this freight and logistics company furthers our ability to provide service and support to our partners

We are capitalizing on this momentum as we move into 2013. Our goal is to build on this progress; further improving our business by successfully executing key sales initiatives, improving the customer experience, and continuing to strengthen our partnerships. We look forward to working with you this year on growing our businesses together!

Proudly Serving You,



## Products Featured in 2012:

*AmeriLux is committed to providing only the highest quality products and services.*

**LEXAPANEL\* Standing Seam System** is a new polycarbonate connection solution between sheets that greatly expands glazing options for architects and builders.

The construction of this standing seam system provides superior quality of diffused daylight, increases impact protection, and wind uplift capability compared to traditional translucent systems.



Unlike other standing seam systems, LEXAPANEL\* standing seam system offers the freedom to choose the width, thickness, color and structure of the sheet. The ultrasonic welding technology allows production of the standing seam with endless design possibilities such as unique shapes and connection systems. The LEXAPANEL\* standing seam system reduces system costs with its simplified snap-on connection and elimination of aluminum connectors, reducing installation time and cost. LEXAPANEL\* standing seam systems can be used many types of glazing applications such as walkways, canopies, skylights, and shelters.

**Lumira® aerogel-filled Polycarbonate Sheets** offer architects and building owners an insulated daylighting system that provides outstanding thermal efficiency, a high-quality source of diffused

light, and an improved sound barrier. When combined with the diverse nature of a multiwall polycarbonate daylighting system,

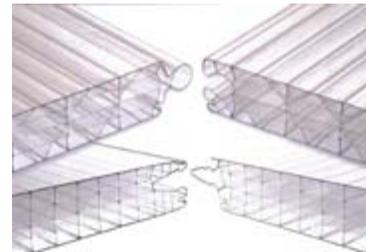


these factors allow for greater design flexibility and can meet a variety of needs. These high-performance translucent daylighting systems have been incorporated in building designs in a wide range of applications illuminating workplaces, schools, hospitals, homes, and retail

environments with natural light. Lumira® aerogel is a lightweight daylighting solution that is completely recyclable, eco-friendly, non-combustible, and Cradle-to-Cradle certified. Incorporating Lumira® aerogel into a building's daylighting system can assist in the challenge of meeting today's strict energy and building code requirements. Inclusion of Lumira® aerogel can also assist in securing LEED™ certification.

**LEXAN\* THERMOCLICK\* High Performance Sheets** are impact resistant, energy-saving multiwall sheets with a specially designed tongue and groove connection. This inter-connecting system eliminates the need for vertical profiles, thereby saving costs and enhancing aesthetics.

Available in either a 40mm or 50mm thickness, LEXAN\* THERMOCLICK\* sheets deliver all-around performance and durability, a UV-protected outer surface, good light transmission



and light diffusion characteristics, excellent thermal insulation properties, and a wide choice of colors and aesthetics effects. These products are an excellent candidate for the cladding and façades of residential and commercial buildings to diffuse natural daylight, providing a quieter and more comfortable environment. With the spotlight on sustainability, LEXAN\* THERMOCLICK\* sheets are an ideal choice for improving energy conservation.

AmeriLux is proud to offer our customers these outstanding product solutions that promise to change the way translucent roofing and walls are designed and installed, thereby making it easier to incorporate natural light into building solutions.

If you are looking for more information on our architectural products or have specific project needs, please contact us at 888-602-4441 or send an email to [tech.service@ameriluxinternational.com](mailto:tech.service@ameriluxinternational.com).

*\* Trademark of SABIC Innovative Plastics IP B.V.*

## Project Highlights from 2012:

*Providing the marketplace with sustainable daylighting solutions is our foremost goal.*

**Houston Dynamo BBVA Compass Stadium** in Houston, TX is the first project in the U.S. to utilize the LEXAN\* THERMOCLICK\* 50mm sheet. Architect Populous, partnering with Duo-Gard Industries out of Canton, MI, created an exterior surface that surrounds the stadium with a dynamic sense of enclosure.



Linking building design with the Dynamo brand color, the exterior surface is composed of geometrically expanded metal sheets and orange 50mm THERMOCLICK\*. AmeriLux provided the 50mm THERMOCLICK\* sheets used in the system designed and engineered by Duo-Gard Industries. LEXAN\* 50mm THERMOCLICK\* sheet is a lightweight, impact-resistant, energy-saving, 9-wall sheet with a profiled V-joint connection. This inter-connecting system, tongue-and-groove system provides easy installation and reduces the need for vertical profiles, thereby lowering costs and enhancing aesthetics.

**Minnesota Department of Transportation New Truck Storage Facility** located in Rochester, MN is a great example of a project in which the original specifications called for a Kalwall FRP



(Fiberglass Reinforced Panel) window system with fiberglass insulation. Bidding through glazing contractor Ford Metro, Wasco Skylights, headquartered in Wells, ME, was approved to submit their FPV window system as an alternate bid. (FPV is a translucent vertical window system that utilizes LEXAN\* THERMOCLEAR\* 25mm 5-wall clear polycarbonate panels for optimum daylighting.) The original specification called for a .23 U-value and Wasco was approved to bid panels with a .26 U-value. Determined to prove their FPV window system was the better choice for this project, Wasco expedited the necessary NFRC testing. The NFRC Thermal Tests verified the tested value on Wasco's FPV window system. This proved the Wasco system to be the better choice and the architect awarded the project to Wasco Skylights.

**D. Bradley McWilliams YMCA at Cypress Creek** in Houston, TX is one of a series of recently renovated, previously deteriorating natatoriums that had rusting steel purlins, a painted install system that was peeling, and bronze polycarbonate panels. The owner, YMCA of Greater Houston, looked to Estudio Architecture and the Primetex Corporation (general contractors/construction managers based in Spring, TX) to revitalize the Cypress Creek YMCA and address the buildings "high interior temperatures". Sundance Supply, a distributor of LEXAN\* polycarbonate, provided Primetex with the technical "know-how" in addressing the YMCA's building concerns. The solution was to upgrade the polycarbonate panels to LEXAN\* THERMOCLEAR\* 16mm "20% low light" white and use a high quality Sundance Supply Base & Cap System in AAMA 2604 quality bronze. The rusting purlins are now an anodized aluminum. The projects end result is a stunningly beautiful transformation that provides long product life and a significantly cooler interior space, at an attractive installed cost.



Multiwall polycarbonate daylighting systems have been used for years in Europe (and other parts of the world) but are only recently being used by architects and builders here in the U.S. Gone are the days when polycarbonate sheets were associated with inexpensive plastic panels that yellowed with age. Today's multiwall polycarbonate sheets not only receive a UV-resistant coating to eliminate yellowing, but are available in a wide range of thicknesses, structures and configurations that also help meet LEED® requirements.

At AmeriLux, we welcome your project questions from design to completion. Challenge our professional staff with an opportunity to achieve results for you. Please feel free to contact us by calling 888.602.4441 or send an email describing your project to [tech.service@ameriluxinternational.com](mailto:tech.service@ameriluxinternational.com).

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**To learn more about the many products and services we offer, [CLICK HERE](#) to visit our website.**