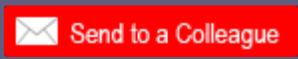




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**Take our AIA-  
accredited course  
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This course provides an overview of how multiwall polycarbonate is manufactured, the advantages over other building products, and its multiple architectural applications.

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

**Check out Our BLOG:**



# AmeriLux Newsletter

April 2014

## Farmer Studios II

*"THERMOCLICK™ Panels Create Dynamic Shade-Screen Element"*

Owner/Architect: Architekton, Tempe, AZ  
 General Contractor: Bistany PLC, Phoenix, AZ  
 Polycarbonate: AmeriLux International, De Pere, WI

Farmer Studios II is the second phase of a creative-class office campus located in Tempe, AZ. The addition, which recently opened in the spring of 2014, is a three-story, gray stucco building structurally tied together with the original two-story building and connected with bridges and external walkways.



Completed back in 2004, the original building used CMU construction with fiberglass shade screens. In contrast, the new addition is a lighter, floating volume composed primarily of steel and EIFS. The expansion features an extruded aluminum frame suspended outside the façade.

Traditional sliding glass door extrusions were mounted inside the frame and custom fitted with LEXAN™ THERMOCLICK™ 40mm SCIR



Gray polycarbonate panels. This created an operable shade-screen on the outside of the building envelope that could be operated by hand by the building occupants.

[Click here to read full article](#)

Visit our blog for updates on products, projects, technical information, industry news, and more! [CLICK HERE!](#)

### Frequently Asked Product Question:

**Q:** What is the recommended method for cutting multiwall polycarbonate panels?

**A:** Use a razor knife or a circular saw with a fine tooth blade that has at least 10 teeth per inch. (The saw blade that has worked the best for our guys in the warehouse cutting multiwall panels is the Diablo blade for Laminates & Laminate Flooring, Plastics & Non-Ferrous Metals. Key features: Teeth - 84 TCG on a 10" blade, Max 7000 rpm, Triple chip design, 5 degree hook angle, .098" kerf)

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

### Polycarbonate Term:

#### Solar Transmission:

Building glazings that permit high levels of natural light may also lead to rapid interior heat buildup due to the penetration of near-infrared (IR) radiation through the glazing. The

*LEXAN THERMOCLICK is a trademark of SABIC.*

## PVC Panel Designed to Meet and Exceed Expectations

*"TRUSSCORE™ PVC Interlocking Liner Panel"*

TRUSSCORE™ PVC Interlocking Liner Panels offer a smooth, hygienic, abuse-resistant finish that is easy to clean and maintain. These sanitary wall and ceiling panels exceed modern hygienic construction and statutory building codes and are designed to meet your most demanding expectations.

TRUSSCORE's unique inner truss design provides outstanding spanning capability. The "truss design" was incorporated to help prevent racking and increase the panel's overall rigidity and high strength. This design makes the TRUSSCORE panel an ideal replacement for conventional wall systems and can be used for new construction or retrofit.



The tongue-and-groove interlocking system makes ease of both vertical and horizontal installations. A pre-punched nailing flange serves as a pilot hole; saving both time and dropped screws. The panel's half-inch thick wall design is lightweight and comes in standard and custom lengths. TRUSSCORE panels require no special training or tools to install and are safe to work with using normal construction practices. The waste material is also recyclable.

TRUSSCORE's corrosion resistant surface is highly durable and resistant to scratches, moisture, and most chemicals. This makes the panel well suited for all agricultural, industrial, commercial, and residential interior applications including: kennels, riding stables, restaurant kitchens, supermarkets, breweries, health care facilities, schools, and laboratories.



[Click here to learn more about the PVC panel that is transforming construction practices in the United States and Canada.](#)

percentage of the directly transmitted heat that passes through glazing plus the absorbed and inwardly re-radiated heat is called solar transmission.

[CLICK HERE TO VISIT OUR ONLINE GLOSSARY PAGE](#)

### DIY Tip of the Month:

Polycarbonate multiwall sheets are perfect for greenhouse structures where excellent light transmission is needed in a lightweight sheet.

AmeriLux stocks multiwall sheets in 47.25", 48", 71.25" and 72" widths. Special size widths are available by special order. The longest sheet length stocked is 48 feet. Every order is custom cut as per customer's specifications.

### 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.

### BECOME A FAN!



## Employee Spotlight: Tim Fikkert

*"Committed to Educating the Industry and the Architectural Marketplace"*

Tim Fikkert AIA, AmeriLux's Product Development Manager and architect, joined the A-Team in March of 2012. Tim is a licensed architect with 4+ years of design experience that includes a



concentration in detailing and sustainability. He received his Bachelor of Science in Architecture from the University of Minnesota and a Master of Architecture from the University of Illinois. Tim is also a LEED Accredited Professional BD+C.

Upon his arrival, Tim's main focus was to use construction project databases to locate potential projects utilizing AmeriLux material and contact architecture firms interested in multiwall polycarbonate. Since then, his role has expanded to include product development and sales.

Tim's key job components include:

- **Product Development:** Influencing decisions on how products should be changed or marketed. Obtaining testing and technical support as required for projects and customer needs. Finding new uses for existing products. Developing new products to take to market.
- **Business Development:** Sales calls to new and existing customers. Developing partnerships with customers and vendors. Providing input on marketing materials.
- **Education:** Meeting in person with architects and contractors to explain the benefits of multiwall polycarbonate and daylighting. Giving live lunch and learn presentations. Hosting online distance learning courses and webinars. This also includes giving internal educational presentations to members of the A-Team.
- **Technical Support:** Providing technical and design support at all stages of the design and construction process. Writing product specifications.

As AmeriLux's primary source for technical information on sustainability and glazing, Tim enjoys the research and development aspect of architectural design. Feel free to contact him at 888.602.4441 with your project questions. Tim will be able

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to match the most appropriate AmeriLux product with your exact design requirements.

corrugated polycarbonate | multiwall polycarbonate | PVC sheet & liner panels

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