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AmeriLux Newsletter

February 2014

Studio One, LLC

*"Polycarbonate Panels fill Housatonic Artist Studio with
Natural Daylight"*

Key Project Players:

- *Architect: AF Architecture, Hillsdale, NY*
- *General Contractor: CATCO, Inc., Great Barrington, MA*
- *Polycarbonate: EXTECH/Exterior Technologies, Inc., Pittsburgh, PA and AmeriLux International, De Pere, WI*
- *COR-TEN steel siding, fascia and metal trim: Al Smith Gutters, Lenox Dale, MA*



Once a mill village, Housatonic, MA is now home to a thriving artist community. At present, there are three commercial galleries and over thirty artist studios, many located in the Housatonic Mill Revitalization Overlay District.

Designed by AF Architecture, Studio One is one of many beautifully renovated historic buildings in the Revitalization District. Originally constructed in the 1890's, this former textile mill was recently converted into a single family residence with an amazing studio space.

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:



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

Frequently Asked Product Question:

Q: How do you cut corrugated 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.

The renovation of this historic building was challenged with a unique condition.

A fire in the 1990's had destroyed a large part of the building; leaving the north side of the three-story brick building completely open to the exterior at the ground level. While this presented a great opportunity to not only incorporate daylighting into the design, it also allowed the design team to use a material that would also provide some degree of privacy as well as thermal protection.



Working with EXTECH/Exterior Technologies, Inc. and AmeriLux International, the architectural design firm chose a 40mm LEXAN™ THERMOCLICK™ polycarbonate sheet system as their daylighting solution for this renovation project. With a specially designed tongue and groove connection, LEXAN™ THERMOCLICK™ installs quickly, offers very high thermal insulation, and is available in a wide range of colors and aesthetic effects.

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Meeting the Demands for Increased Energy Efficiency

"LEXAN™ THERMOCLICK™ Sheet Systems"

The cost of heating and cooling is reaching new levels. The building and construction industry is continually looking for new alternatives to increase energy efficiency; products that meet today's demands for increased energy efficiency in living and working environments.

LEXAN™ THERMOCLICK™ sheet systems not only help customers reduce their heating and cooling costs, but also cut their energy usage and CO2 emissions - benefiting the environment while letting light into a space.

Available in 40 and 50 mm thickness, LEXAN™ THERMOCLICK™ sheets offer excellent light transmission and diffusion characteristics, high impact strength, and superior thermal insulation. The specially designed tongue and groove interconnecting system eliminates the need for vertical profiles, thereby saving installation costs and enhancing aesthetics.



Before cutting, sheets should be properly supported along the trim line and clamped to minimize vibration. Clean powder or debris off of sheet prior to installation.

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

Polycarbonate Terms:

Thermal Expansion: An increase in sheet length in response to a change in temperature.

Thermal Contraction: A decrease in sheet length in response to a change in temperature.

Polycarbonate sheets expand and contract under the influence of temperature change. Allowance for this difference must be taken into consideration by the system used to mount the sheets.

As a rule of thumb, 120" of polycarbonate will expand/contract ½" over 100 degrees Fahrenheit.

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

DIY Tip of the Month

Always pre-drill screw holes before installing sheets.

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

LEXAN™ THERMOCLICK™ sheets are perfect for applications such as cladding and facades of residences, commercial buildings, office buildings, and warehouses.

Congratulations from Rural Builder Magazine!

LEXAN™ THERMOCLICK™ was named one of the Top 10 Products of 2013 by their readers. In each issue, a reply card is inserted and used by readers to request more information about a product or service seen in the magazine. These reader service card requests become "votes" that are tabulated at the end of the year to determine which products or services attracted the most attention. The final result is the Top 10 List. Thanks Rural Builder readers!



If you would like more information on the LEXAN™ THERMOCLICK™ sheet system, [please click here.](#)

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Employee Spotlight: Jim Voss

"A Shining Example of Perseverance"

To live "Up" in a "Down" economy takes perseverance. No one knows that better than warehouse A-Team member Jim Voss. Finding himself without a job because of the recent economic downturn, Jim took a part-time position with AmeriLux in the fall of 2012 to make ends meet.



The final phases of the 21,000 square foot warehouse expansion were well underway when Jim joined the warehouse team. Jim was hired to help with setting up the new addition; the time-consuming tasks of rack assembly and moving inventory.

Finding a job in today's economy can be tough and it's easy to get discouraged. Instead of being discouraged by his "part-time" job status, Jim chose to seize the opportunity to show initiative, be proactive, and get things done without waiting for someone else to tell him. Jim's diligence and hard work did not go unnoticed. When a full-time warehouse position became available, Jim was offered the job and was later promoted to the position of Team Leader. His responsibilities include overseeing the facilitation of orders for one of AmeriLux's largest key accounts.

"It's been a very rewarding experience working with this quality-

photos and a brief description.

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focused warehouse team and to see my hard work pay off", said Jim. "Believe in yourself. Keep going. Keep trying, because eventually it will pay off."

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