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- AmeriLux Website
- About Architectural
- About Horticultural

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Frequently Asked Question

Q: Why pre-drill the fastener holes before installing polycarbonate sheets?

A: When it comes to the installation of polycarbonate sheets, pre-drilling is a must! Pre-drilling allows for the sheets to expand and contract due to changes in temperature. Failure to pre-drill can result in the sheet warping and/or cracking around the screw.

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AmeriLux Newsletter

March 2015

The 951 Apartments

"Polycarbonate - An Attractive Alternative"

- Owner:** 916 Park Apartments, LLC
- Architect:** Glenn Levie Architects, Los Angeles, CA
- General Contractor:** Steed Construction, Eagle, ID
- Structural Engineer:** AHJ Engineers, Boise, ID
- Polycarbonate:** AmeriLux International, De Pere, WI

Located in beautiful downtown Boise, Idaho, The 951 project was developed to serve and fulfill the residential needs of the urban lifestyle. The building features sixty-eight contemporary apartments, including seven two-story, live/work units at street level. In addition, the building has five units dedicated to just retail space.



After nearly two years of preconstruction services and twelve months of construction, The 951 opened in January of 2015, bringing together a sophisticated and modern approach to urban living.



The 951 apartment units feature many great amenities including private balconies. LEXAN™ 16mm polycarbonate panels were used for the balcony railings and the overhead canopies. A combination of Clear and

Softlite panels created a pleasing visual contrast with the



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DIY Tip of the Month

Only use a "100% silicone" sealant on polycarbonate sheets. Silicone sealants do not degrade in sunlight. They resist mold and mildew and remain flexible, allowing for building movement.

Do not use roofing caulk. Consequences of using an incompatible sealant are inadequate adhesion, too rigid of a bond, and/or the

buildings color palette.

Polycarbonate was chosen for this project because the material is durable, long-lasting, and economically priced. Choosing Softlite panels for the top floor canopies will aid in concealing dust and debris, diffuse the direct sunlight, and help reduce heat gain, improving user comfort. The lightweight panels are also easy to install and look great as a finished product.

"Installation of the panels was efficient and effective," said Brandon Turpin, Project Engineer with Steed Construction. "AmeriLux was great to work with and serviced all of our needs. When we realized three-quarters of the way through installation that we required additional panels, AmeriLux responded quickly. Additional panels arrived within days to complete the project."



Polycarbonate panels are a great alternative to traditional glazing materials, providing the same light, airy feel to balconies, canopies, staircases, and covered walkways. Consider using polycarbonate in your next project!

LEXAN is a trademark of SABIC.

Employee Spotlight: Chris Cutcher

"Focused on Product Quality"



With a strong background in manufacturing and construction, Chris Cutcher brings an array of valuable skills to the AmeriLux Distribution Team. Hired in February of 2015, Chris joined AmeriLux looking for a great place to work with co-workers and leaders that create a family-like atmosphere.

Chris performs a wide range of tasks in the Distribution Center, including the fabrication and assembly of multiwall polycarbonate panels for one of AmeriLux's largest customers. "We perform a variety of

product contains chemicals that may discolor or damage the polycarbonate sheet.

Check the product information on the sealant label BEFORE using to ensure compatibility.

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fabrication operations in the Distribution Center," said Chris. "Learning how to operate the different pieces of equipment proficiently and productively in a short time frame has been most challenging part of my job."

When asked what he felt was the most important aspect of his job, Chris responded with this answer, "To produce, inspect, package, and ship a quality product in a reasonable time frame." This sentiment is echoed by the entire AmeriLux Distribution Team whose focus is on the effective execution of key operational initiatives: improving the customer experience, delivering value, and controlling costs.

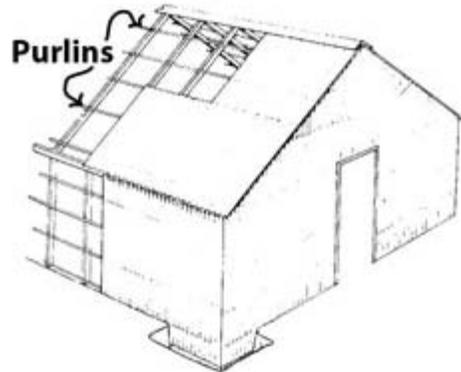
Chris's positive attitude and willingness to learn make him a great addition to the AmeriLux A-Team.

Secondary Structural Components

"What is a purlin and what is it used for?"

In architecture or structural engineering or building, a purlin is a horizontal structural member often made from wood or steel that directly supports the roofing material.

Purlins run perpendicular to the slope of the roof as opposed to rafters that run parallel to the slope of the roof. Purlins transfer the roof load to the main roof structure such as trusses, load bearing walls, or large rafters.



Purlins vary in size depending on the type of structure, loading requirements, and local codes. The spacing between purlins depends on the type of roofing material, loading requirements, and local codes. Be sure to check with your local building inspector or check local code requirements.



corrugated polycarbonate | multiwall polycarbonate | PVC sheet & liner panels

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