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Frequently Asked Question

Q: Should I remove the masking film before cutting a polycarbonate sheet?

A: No, the masking indicates the UV protected side which needs to face outwards - towards the sun. Masking should remain in place to protect the sheet during all phases of fabrication and installation.

Remove approximately two inches of film from the sheet edges before installing. Remember to remove ALL remaining masking immediately after installation.

Note: To avoid accumulated heat effects, store sheets in a

AmeriLux Newsletter

May 2015

Valued Partner,

We are pleased to announce the expansion of our Fabrication Services with the addition of a MultiCam 3000 Series CNC Router and a Giben 14-Foot Beam Saw. These additions to our Distribution Center not only increase our cutting capabilities but also our abilities to better meet our customers' specific project requirements.

Each day, we come to work with one goal in mind: Focusing on the needs of our customers. From excellent customer service to a diverse line of high-quality products, from shorter, flexible lead times to investing in specialized equipment and training, we meet your needs by continuing to expand our capabilities.

The result is a unique combination of equipment, technology, and human resources, allowing us to offer our customers a variety of value-added services and tailored solutions.

Proudly serving you,



Expanding Cutting Capabilities

"Giben 14-Foot Beam Saw"

At AmeriLux International, our ever-expanding fabrication capabilities are directly related to our customers' needs. The recent addition of a Giben 14-foot beam saw allows us to efficiently cut large orders of the same size product,

cool, dry place out of the direct sun. Installing the sheets with the wrong side out will void the warranty.

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Polycarbonate Term

Masking Film:

Masking film is a removable protective film tape with no adhesive residue. The masking film prevents scratching and damage of the polycarbonate sheet during transport, fabrication, and

hold tighter tolerances, and produce a clean, quality edge.



The need for this type of high-quality fabrication was driven by our customers' end-use applications of our polycarbonate panels. As well, this equipment compliments our customers' capabilities, offering them a qualified back-up in the event they have capacity constraints. No matter if it is an AmeriLux or a customer-supplied product.



"The programming is easy to understand and use," said Aaron Vanden Heuvel. "The beam saw is a great work horse for cutting multiples of the same size polycarbonate panel at one time. The quality of the cut is also better, straighter, and squarer."

Cutting solid and structured polycarbonate successfully on a production basis presents a number of challenges with respect to the substrates relative hardness, sensitivity to heat, and resistance to chipping and shattering. The Giben beam saw addresses many of these challenges, offering both high volume and precision cutting.

"The increase in production made it easy to justify the addition of an automated horizontal beam saw," Aaron said. "We can cut more sheets in the same amount of time which reduces job turnaround times, and therefore labor costs."



Cutting polycarbonate panels at AmeriLux International is a day-in, day-out process, with small to large orders being processed daily in the Distribution Center. Expanding our range of cutting options enables us to broaden our scope of services that bring measurable value to our customers.

Versatile Plastic Fabrication

"MultiCam 3000 Series CNC Router"

In addition to an automated horizontal beam saw, AmeriLux has

installation.

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DIY Tip of the Month

If the masking film is stuck to the polycarbonate sheet, gently rub with a soft cloth wetted with a product called Fels-Naptha or isopropyl alcohol.

Pull off the film and follow immediately with a mild soap cleaning and thorough water rinse. (Fels-Naptha is available at most local hardware stores.)

Please do not use other

expanded its plastic fabrication capabilities by purchasing a MultiCam 3000 Series CNC Router. With a 5' x 20' process area, automatic tool changer, dual heads, and a 3-axis system, there is not much we cannot cut.

"Our CNC router offers a lot of cutting versatility," said Craig Cutcher. "From solid sheet to structured polycarbonate to foam PVC panels; this router can cut most of our in-house products as well as a host of customer-supplied materials."



The MultiCam CNC Router has been a great addition to AmeriLux's manual processes, increasing both fabrication speed and precision. We are now even better equipped to meet our customers' needs regarding high-volume capabilities and repeatability in panel production.



"I can cut multiples of the same shape as well as create 'slotted' panels. The panels cut on the CNC router are of consistent quality and meet tight tolerance requirements," Craig says.

"We are now able to do all kinds of cutting jobs, such as 3D lettering and dimensional signage. Job files can also be saved for repeat orders."

By investing in CNC equipment, AmeriLux seeks to provide a broad range of value-added plastic fabrications services that complement our customer's in-house resources. What are your plastic fabrication needs? Call us today and we'll help you find a solution!

Value-Added Management

"Expanding In-House Capabilities"

Since joining AmeriLux in 2011, Brian Peters, Director of Operations, has been an instrumental part in growing the company's Distribution Center. During his tenure, he has overseen a 21,000 square foot building expansion, developed a knowledgeable and productive team, and is leading the efforts to expand production capabilities.



chemicals or sharp objects to remove the masking!

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Q&A with Brian Peters:

Q: Why the focus on expanding our fabrication capabilities?

A: We have expanded our capabilities to meet our customers' fabrication needs. Expanding our in-house fabrication capabilities increases the efficient flow of orders in the Distribution Center. Having automated equipment enables us to hold tighter tolerances and increases our level of production.

Q: On the subject of adding the right fabrication equipment: Why a Beam Saw and a CNC Router?

A: The new equipment includes a Giben 14-Foot Beam Saw and a MultiCam 3000 Series CNC Router. With the beam saw, we can cut up to fifteen sheets of 1/8" thick polycarbonate at one time. This ability to cut multiple sheets at once allows us to quickly and efficiently fill large volume orders.

Quality and versatility are absolute requirements today - the CNC router gives us both. With a 20-foot bed, automatic tool changer, and multi-head dual process technology, the CNC router enables us to cut complex shapes and large panel orders with precision, speed, and repeatability.

Q: What is the competitive advantage to having these in-house capabilities?

A: We continue to grow by focusing on the needs of our customers. We meet our customer's needs by continuing to expand and diversify our capabilities and product offerings. AmeriLux is not just a distributor of polycarbonate and PVC liner panels; we are also a fabricator capable of transforming that panel into something more complex.

Q: How does the addition of these fabrication capabilities benefit our customers?

A: The additional fabrication capabilities increase our ability to better serve our customers who require quicker turnarounds, flexibility, repeatability, and larger volumes. We are able to save our customers significant procurement costs while increasing productivity, resulting in improved bottom line performance.

corrugated polycarbonate | multiwall polycarbonate | PVC sheet & liner panels

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