



## The Humble Bus Shelter

"Where Function Meets Design"



The bus stop shelter was invented by Jean-Claude Deceaux in 1964 as a platform for advertisers. Since then, transit shelters have evolved from just offering basic weather protection to focusing on the user experience of those waiting for the bus.

The main purpose of a bus shelter is to provide patrons with cover from inclement weather such as snow, rain, and strong winds. Early enclosures were simple structures with three walls and a roof. Some were built of iron and glass; others were made of brick and mortar.

Today's bus shelters are mostly made from aluminum and a lot of them are going high-tech, including real-time travel kiosks, cell phone chargers, free Wi-Fi, and other modern amenities. The location, size, design, and safety of these facilities significantly influences patron satisfaction. To encourage more people to use bus transport services, public transit providers are rethinking the humble bus stop.

Green Bay Metro is public transportation provider, operating bus routes throughout the City of Green Bay, Wisconsin. As part of their current transit development plan to attract more bus riders and increase revenue, GB Metro purchased eight prefab bus shelters from Duo-Gard Industries.

The first of these new bus stop shelters was placed in late September. Prefabricated enclosures save both time and money. Key features of this 'ready ship' model include an anodized aluminum frame and bench, tempered glass wall glazing, and a barrel vault roof covered with multiwall polycarbonate.

GB Metro chose this style of transit shelter for its pleasing aesthetics. The dark bronze anodized finish is extremely durable and doesn't rust — even when scratched. Aluminum is lightweight versus steel, making it a perfect material choice for quick installation. "The panels came assembled," explained Essie Fels, Paratransit Coordinator for GB Metro. "We just bolted the sides together."

Essie went on to say the shelter's partial front wall also



influenced their choice. The weather in Wisconsin can be unpredictable at times. This style of bus shelter gives patrons waiting at the bus stop more protection from the elements.



The shelter's barrel vault roof design offers many advantages. Cost, performance, durability, aesthetics, and sheds snow/debris well were among those mentioned by Rylie Lawton, Marketing Manager with Duo-Gard. "The high vaulted interior roof gives the patron the feeling of being in a larger space."

More economical than monolithic polycarbonate or acrylic, the shelter's roof is clad with 6mm bronze multiwall polycarbonate panels. "Structured polycarbonate is very cost effective," Rylie said. "Especially when there are large numbers of shelters."



Lightweight and flexible, multiwall polycarbonate is ideal for this type of application. These weather-resistant panels offer high light transmission and require minimal maintenance. In addition, the UV protective layer prevents yellowing, guards against loss of strength, and provides longer panel life.

As concerns about fuel costs and the environment continue to rise, it is more important than ever to make public transit a pleasant user experience. This will help increase ridership and in return will make a long-term positive impact on the overall transport system.

*With more than thirty-five years of experience and AISC certified, Duo-Gard Industries designs and manufactures a full line of standard bus shelters and BRT shelters. For more product information, [please visit their website.](#)*

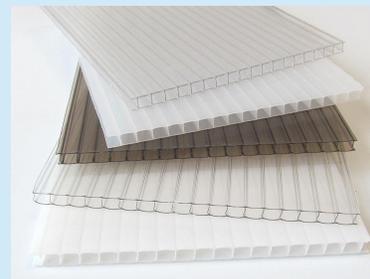
## Featured Product

Multiwall Polycarbonate 6mm Twin Wall

Available in several colors and light transmissions, 6mm (1/4") multiwall polycarbonate sheets are a great choice for a wide range of outdoor glazing applications including hobby greenhouses, gazebos, pergolas, garden sheds, covered walkways, carports, shelters, and awnings.

- Stocked Colors: Clear, Hammered, Opal, White, and Bronze
- Sheet Widths: 4' and 6'
- Sheet Length: Up to 48'
- Accessories: U- and H-Profiles

Lightweight yet durable, the hollow channels of the 6mm multiwall sheet create air spaces between the layers, providing good thermal insulation properties. In addition, the double wall construction enhances the sheets rigidity, strength, and ability to support structural loads.



Easily installed and fabricated on-site, these high quality multiwall polycarbonate sheets are reliable, durable, and will last for years!

[Visit Webpage](#)

## DIY Tip of the Month

Cozy Backyard Getaway

There is no better way to unwind after a hectic work week than to escape to

## Stuck-On Product Labels

your very own private retreat.

Turning your backyard into your favorite getaway is a doable DIY project and doesn't have to cost a fortune to do so. All it takes is a little creativity and construction know-how.



This cozy little 'love shack' was built using refurbished materials and furnishings. Large sliding doors open for a nice cross-breeze and views of the backyard. The

bronze 16mm multiwall panels along the top of three walls provide plenty of natural light when the doors are closed.



When complete, this budget-friendly bungalow will include a comfortable lounging area and a relaxing hot tub. No matter the size, backyards are meant to be a place where

you can relax, recharge, or host family and friends.



**Q:** What is the recommended method for removing a 'stuck-on product label' from a polycarbonate sheet?

**A:** First method: Try saturating the label with soapy lukewarm water to loosen the adhesive. The label should remove easily after about 15 minutes of soaking.

Second method: Wet a soft cloth with rubbing alcohol (isopropyl alcohol). Place the cloth on the label face. Leave it sit until the rubbing alcohol has soaked through the label (approx. 15 minutes). Starting at one corner, carefully peel off label.

For stubborn labels, spray Goo Gone on the face of the label and let it sit for roughly 15 minutes to completely penetrate the label. Begin at one corner of the label and slowly peel off. If you use Goo Gone, MAKE SURE to clean the area where the label was with soapy lukewarm water and rinse thoroughly to remove any oily residue.

[More FAQs](#)

## Is Polycarbonate Weather Resistant?

### Weatherability of Polycarbonate Sheets



Tough, durable and impact resistant, today's multiwall polycarbonate sheets are manufactured to withstand whatever mother nature throws at it.

Advanced UV protection on one or both sides of the polycarbonate sheet ensure its longevity and lasting performance characteristics.

Whether you are planning a large-scale commercial project or a DIY project around the house, multiwall polycarbonate sheets are an ideal glazing choice for all types of climates and weather conditions.

### Weather Resistant Benefits



- Blocks Harmful UV Rays
- Stands Up to Hail & Ice
- Tough Against Strong Winds
- Supports Heavy Snow Loads
- Provides Years of Enjoyment

- [Located in Phoenix, Arizona, the horticultural campus at the Desert Botanical Gardens has an educational facility and greenhouse clad with polycarbonate panels.](#)
- [The panoramic windows of this reimagined Renault 4L car are made of transparent polycarbonate, providing enveloping views.](#)
- [The passageway between two science classrooms at Australia's Stawell Secondary College features a translucent polycarbonate roof, creating an outdoor feel indoors.](#)

## News from Shape Products

### Five Tips to Prep Your Home for Winter

Wintertime can be a joyous time of the year, but with that comes cold temperatures, and in many cases, snow and ice. No matter where you live, it is always important to protect your home against the harsh weather that comes with winter.



Winterizing key spots in your home, such as the basement and crawl space areas, is a great way to reduce energy costs and protect your home against potential problems like water damage.

Gutters may not be a part of the basement or crawl space. However, clogged gutters are a very common cause of water leaking into the basement or crawl space. Homeowners should consider adding gutter guards to prevent leaves and debris from accumulating in the gutter and extending gutter downspouts out to at least 4 feet away.

Leaky basement windows can let in cold air, melting snow and ice, and moisture. Adding [window well covers](#) will help keep the water and moisture away. Properly sealing crawl space vents aids in keeping the cold air out and may prevent frozen pipes. Sealing and insulating leaky or exposed ductwork in an uninsulated basement or crawl space can improve comfort and conserve energy.

- Clean Gutters and Extend Downspouts
- Seal Basement Windows, Crawl Space Vents, and Ducts

## Company Highlights

### Meet the A-Team

Employee Spotlight | Tessa Hanold

Tessa joined the AmeriLux A-Team this past spring. As a Market Manager for AmeriLux International, Tessa is responsible for a large customer base in the metal building market. Her daily responsibilities include working with customers through different material quotes, sales orders, tracking information, and lead time requests.

“We are the voice of fixing an order issue, distributor referrals, and keeping the customer educated on the product they are ordering,” Tessa said. “AmeriLux is full of smiling faces and good attitudes. If you do not know an answer to a question, someone will quickly jump up and assist you in finding the correct answer.”



*“My favorite part of AmeriLux is the people that are involved in the*

Tessa believes a great customer experience relies on how the market manager empathizes and understands what the customer is going through. She explained herself further by saying It means going above and beyond in how we communicate with customers on orders, shipping, and lead times. This includes being proactive and informing the customer of any delays or changes that might arise.

*company, and how our customer relations department is dynamic and spirited."*



## "Make A Play"

"The only people that have never made a mistake are people that have never done anything. We are predisposed to take action because failure to make a decision gives all control away to outside forces. We take control of our individual and collective future by engaging in meaningful action, accepting that we will make some mistakes along the way. We believe the only true failure is a failure to learn from mistakes and improve."

### ***This Month's Brand Ambassador:***

*Raif Giese  
Distribution Associate -  
AmeriLux International*

**How We Succeed at AmeriLux**

## On This Thanksgiving

We want to share our genuine appreciation for our employees, investors, customers, vendors, and community. We wouldn't be where we are today without you!

*"Gratitude makes sense of our past, brings peace for today, and creates a vision for tomorrow."  
~Melody Beattie*



## The AmeriLux Family of Companies

[AmeriLux International](#)  
[AmeriLux Transportation & Logistics](#)  
[Shape Products](#)

