

The DOGG House

"A 100% Recyclable Travel Trailer"



Inspired by William McDonough's multi-use ICEhouse™, the DOGG (digital off-grid gratuity) house is a 100% recyclable travel trailer designed and built by Brady Johnson. An inventor, entrepreneur, and technology guru with a history in experiential marketing and design.

The DOGG house is built entirely with materials that can be recycled or reused. This one-of-a-kind travel trailer comes in at 2,900 pounds dry weight and features an all-aluminum frame. The aluminum frame offers a sleek modern look as well as impressive strength, durability, and

corrosion resistance. "The frame will last forever," Brady said. "When I'm done with it, I can just melt it down."

The exterior of this eco-friendly travel trailer is covered with transparent and translucent polycarbonate panels that flood the interior with an abundance of natural light. Polycarbonate was an excellent material choice because it is a sustainable building product with a low environmental impact. Renewable and recyclable!

Brady chose polycarbonate for this project because of its excellent impact strength and weatherability. "The panels can withstand gale force winds. You can take a bat to it, and it won't break," he said. Brady went on to explain that all the materials used to build the DOGG house will weather well. "They won't rust or erode overtime."

The DOGG house is primarily clad with opal LEXAN™ THERMOCLICK™ 40mm interlocking polycarbonate panels. Lightweight and simple to handle, Brady commented on how easy the THERMOCLICK™ inter-connecting panel system was to work with. Except for a little welding help, he built the travel trailer completely by himself.

Overall, the fabrication of the polycarbonate panels went smoothly. Brady said he used a basic saw for cutting the panels and tools he had around the house to install them. The biggest challenge came with moving some of the larger panels, not because of their weight but their sheer size. This was easily addressed with the use of a forklift.

In addition to using THERMOCLICK™ multiwall panels, the ceiling and some of the storage areas of the DOGG house are covered with LEXAN™ THERMOCLEAR™ 15 16mm Softlite.





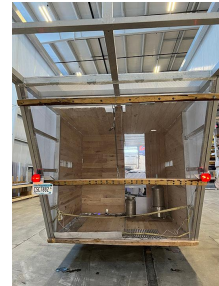
This light diffusing polycarbonate panel helps to soften and scatter direct sunlight throughout the trailer, creating a relaxing and positive travel environment.



In the front of the DOGG house is the sleeping area. This section of the travel trailer is glazed with clear monolithic polycarbonate panels and provides the perfect 'viewing bubble' for gazing up at the stars after a day filled with adventure.

A work in progress, the DOGG house is still under construction but when complete will include a hydroponics greenhouse on the deck, rainwater collection system, an outdoor shower, grey wastewater tank, solar panels, and a sauna/steam room in the back of the trailer.

As efforts to build sustainably increase, renewable and recyclable polycarbonate is gaining popularity among designers, architects, and environmentalists. Interested in using polycarbonate panels for your next project? Contact a knowledgeable member of the A-Team to learn more.



LEXAN THERMOCLICK and LEXAN THERMOCLEAR 15 are trademarks of SABIC

Featured Product

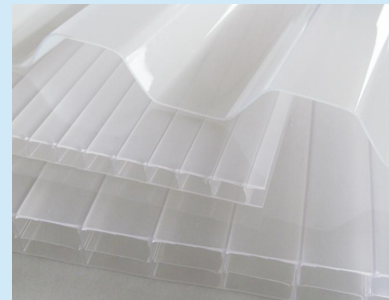
LEXAN™ THERMOCLEAR™ 15 SOFTLITE

LEXAN™ THERMOCLEAR™ Softlite is a 100% light diffusing panel utilizing advanced polymer technology to scatter light while maintaining a high level of light transmission, clarity, and impact resistance.

- High Light Transmission
- Virtually No Yellowing
- 100% Light Diffusion Feature
- Excellent Thermal Properties
- Anti-Condensate Coating
- Top Fire Ratings
- Industry Leading Warranty

According to several studies, natural diffused light increases occupant productivity and creates a more comfortable, safe environment for both people and animals.

The diffusion feature is also excellent for greenhouse applications. Light encompasses both top and bottom leaves resulting in uniform growth, brighter colors, and more usable energy to the plant.



LEXAN™
THERMOCLEAR™ 15
multiwall polycarbonate
sheets are guaranteed to
outperform and outlast
all other brands.

[Visit Product Page](#)

DIY Tip of the Month

Plastic Sheets for Any Project

AmeriLux stocks a

Corrugated vs. Multiwall?

large selection of cut-to-size plastic sheet products in various colors, thicknesses, and sizes.



These high-quality plastic sheets are an ideal material choice for a variety of do-it-yourself and home repair projects as well as unlimited arts and crafts projects.

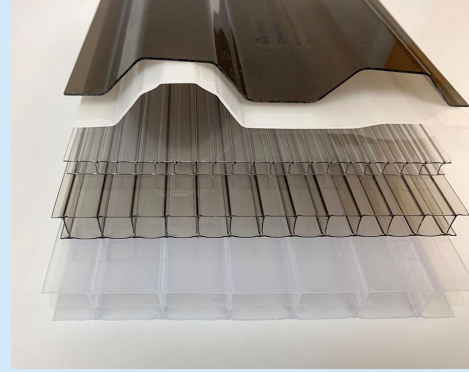
- Picture Frames
- Cabinet & Door Inserts
- Decorative Wall Shelves
- Custom Cutting Boards
- Yard Sale Signage
- School Projects



Our inventory includes clear and colored acrylic sheets, solid polycarbonate sheets, fluted polypropylene sheets, and

HDPE sheeting.

Not sure which plastic sheet is right for your next project? Please visit our website or call 888-602-4441 for more product information.



Q: What is the difference between corrugated polycarbonate and multiwall polycarbonate sheet profiles?

A: Corrugated polycarbonate is a single layer sheet with either a wave or box-type profile, similar in design to metal roofing sheets. Single layer polycarbonate sheeting is highly flexible but offers little heat retention.

Multiwall polycarbonate is made up of numerous layers and is characterized by a rectangular hollow structure 'flutes' that run the length of the sheet. The stagnant air trapped within the layers of the sheet acts as an insulator and reduces heat loss.

[More FAQs](#)

Multiwall Polycarbonate Interiors

Transforming Spaces with Polycarbonate



Multiwall polycarbonate panels can dramatically transform the look and feel of an interior space.

Translucent in nature, these lightweight yet strong panels are ideal for dividing rooms and providing privacy without sacrificing natural light.

Creating a 'multipurpose room' with multiwall polycarbonate is simple. Panels are easy to fabricate and install with basic woodworking tools and some construction know-how.

Multiwall polycarbonate panels are a great space defining solution for residential, architectural, or large commercial buildings. Perfect for architectural walls, partitions, office dividers, cubicles, and more!

Interior Applications



Custom Printed Partitions



Translucent Walls



Room Dividers



Architectural Walls

Links of Interest

- [Aiming to create a futuristic atmosphere, backlit polycarbonate walls play a key design role throughout a small Chinese restaurant located in Manhattan's East Village.](#)
- [Located in eastern China, the Capsule Hostel and Bookstore features a large, glazed structure covered with corrugated polycarbonate panels at the east side of the building.](#)
- [Gallery 90220 solves complex space issues with special vertical sliding shelves and an operable polycarbonate wall, allowing the office to transform into additional meeting or gallery space.](#)

Company Highlights

AmeriLux Acquires EZ PVC, LLC

AmeriLux International has acquired EZ PVC, an innovative designer and distributor of PVC components for the building and construction market. “As I grew my relationship with AmeriLux, I just felt more and more culturally aligned with Kurt and his Team,” said Bruce Johnston, owner of EZ PVC. “While we have had an incredible track record of success, this acquisition makes sense for the future growth of EZ PVC and the EZ PVC family of employees.”



EZ PVC’s products include the brands EZ Liner™ and EZ Forms and are prevalent in agricultural, vehicle wash, and plant growth applications across the United States, Canada, and the Caribbean.

“What started as a supply chain relationship quickly developed into a friendship and this acquisition just made sense for all parties. EZ PVC’s products strengthen our product offering for our customers and expands our geographic footprint in the United States,” said Kurt Voss, AmeriLux CEO. “As a value-adding distributor and fabricator, we take pride in partnering with premier manufacturers for our customers. We believe this acquisition enhances this position for our customers as we are not only offering another premium product but welcoming a talented group of people. I look forward to the EZ PVC Team being part of our AmeriLux Family of Companies.”

[Click here to read press release](#)

Meet the A-Team

Employee Spotlight | Michelle Ladwig

Michelle joined the AmeriLux family in July of 2021. She brings twenty-five years of experience in business development working with educational, university, healthcare, business, and government markets.

In her role as a Business Development Specialist for AmeriLux International, Michelle is responsible for identifying opportunities for business growth through research, relationship building, and networking. “I enjoy reaching out to the wholesale market as I find they are very receptive. We have mutual goals and seek win-win partnerships.”

When asked why first impressions are so important in sales and customer service, Michelle had this response: “I happen to work in the Customer Relations office, and I overhear customer engagement throughout the day. I feel confident bringing in new customers knowing they will be well taken care of. Everyone goes above and beyond for customers when issues arise.”



“I was excited for the opportunity to continue working with the building industry focusing on the bid process.”

"Don't Confuse Activity with Results"

“We don’t complain or blame when problems arise but focus on effective



solutions. When evaluating decisions and outcomes, we continually ask: “Is it effective?” We prioritize things that contribute positively to a “win,” and avoid things that are neutral or negative. We measure the usefulness of our activity by the meaningful results we produce.”

February's Brand Ambassador:

Tommy Crier, Production Associate – AmeriLux International

How We Succeed at AmeriLux

WPS Farm Show 2022

The 60th Wisconsin Public Service (WPS) Farm show is a go for 2022! For six decades, this event has provided the agricultural community with an opportunity to check out the latest in farm equipment, tools, machinery, building materials, and services from exhibitors throughout the U.S. and Canada.

Come out and visit us at Booth# 5524 located in Hanger C. Meet the A-Team and learn more about AmeriLux's agricultural building products. Whether you are looking to put up a new structure or planning on renovating an existing one, we would like the opportunity to discuss your next project.



When:
March 29th – 31st
Where:
EAA Grounds in Oshkosh, WI

Learn more at:
<https://www.wisconsinpublicservice.com/partners/agriculture/farm-show/>

The AmeriLux Family of Companies

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

