

Are You Ready for Hurricane Season? "Polycarbonate Storm Panels"



For those who live along the East and Gulf Coasts, hurricane season starts in early June and extends through the end of November. Having a plan in place is very important. Now is the time to prepare for severe tropical weather before it hits its peak in late summer. Are you ready?

Preparing for hurricane season includes creating an emergency supply kit, locating the nearest shelter, identifying the different routes to get there, going over the family's (or colleagues)

evacuation plan, and getting your home or workplace ready.

Windows and doors are particularly vulnerable in high wind events. Shattered glass is a big safety concern. Protecting your home or business will minimize damage and help lower insurance premiums. Whether you are looking for a residential or commercial solution, there are many storm protection options available.

Metal storm shutters come in many shapes and sizes and are great at absorbing impact. They're pricy, but also permanently attached for quick deployment. Thick pieces of plywood sheets are sturdy and relatively inexpensive, but they block the natural light. Clear plastic films provide shatter resistance and can be left in place all year. Their downside — they don't prevent strong winds from blowing the entire window frame in.



An economical alternative, polycarbonate storm panels are similar to plywood in that they must be put up right before a hurricane arrives. Unlike plywood sheets, they are much lighter to install and offer long-lasting durability. Transparent in nature, polycarbonate panels allow plenty of daylight to pass through. This is very beneficial in the event of a power outage.

Developed and manufactured to withstand hurricane force winds, the Hurrigal storm panel has been rigorously tested by independent third parties to be used in extreme weather conditions. Tests included an impact test which involved shooting a wooden 2x4 at a 16mm 3-wall polycarbonate panel and a cycle test to determine if the multiwall polycarbonate panel could withstand rapid pressure changes.



Impact and pressure tested by a third-party certified lab and certified by a third-party quality assurance entity; the Hurrigal polycarbonate storm panel meets Miami-Dade County Building code requirements for use in high velocity hurricane zone (HVHZ) applications.

Hurricane-rated polycarbonate panels are a great alternative to plywood sheets or metal storm shutters. If you would like to learn more, please visit the [Hurrigal Polycarbonate Storm Panel](#) page on our website.

Featured Product

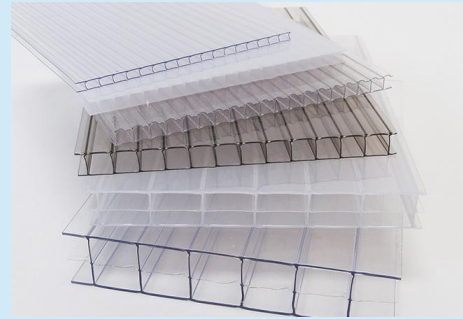
CoverLite® Multiwall Polycarbonate Sheet

Economical and light in weight, CoverLite® multiwall polycarbonate sheets provide a high degree of light transmittance, outstanding impact strength, and excellent thermal insulation.

Sheets are available with UV protection on one or both sides of the sheet thus retaining these high-performance characteristics for many years of low maintenance use.

- **High Light Transmission**
- **Virtually Unbreakable**
- **Easily Fabricated On-Site**
- **Anti-Drip/Anti-Fog Coating**
- **10-Year Pro-rated Warranty**

CoverLite® multiwall polycarbonate sheets are a versatile glazing option for a wide variety of indoor and outdoor commercial, industrial, agricultural, and residential projects.



Available in a wide range of colors, sizes, and gauges, Coverlite® multiwall is stocked in clear, hammered, opal, and bronze.

[Visit Product Page](#)

DIY Tip of the Month

Cleaning Polycarbonate Sheets

If you have a polycarbonate roof over your deck, patio, or sunroom, spring is a great time to clean any dust, grime, or leaf debris that might have accumulated over the fall and winter months.



While regular rain showers will wash away most of the dirt and leaves, cleaning the sheets periodically will help maintain their integrity.

We recommend cleaning sheets with lukewarm water and a mild household detergent. Never use glass window cleaners or abrasive cleaning agents.



Thermal Expansion and Contraction



Q: Do I need to be concerned about thermal expansion and contraction when installing my polycarbonate panels?

A. Most Definitely! Polycarbonate expands in hot weather and contracts in cold – about 1/32" per foot for 100° of temperature change with the greatest amount of movement during the spring and fall months.

Because polycarbonate expands and contracts with temperature change, sheets should be installed between 55°F and 70°F.

Make sure to use a soft rag or sponge to avoid scratching the sheets UV-protected surface.

To clean large areas of polycarbonate, a power washer on the mist setting may be used.


[To see a demonstration and learn more about cleaning your polycarbonate sheets, click here to watch our YouTube video](#)

Allowance must be made for both the length and width of the sheet at a rate of .04" per foot per 100° temperature change. Bronze polycarbonate sheets heat up faster requiring an additional 30% space to expand and contract.

[More FAQs](#)

Daylighting with Translucent Polycarbonate Panels

MAXIMIZE NATURAL LIGHT



There are many benefits to increasing the natural light in your home, business, or workspace. Well-designed daylighting not only saves money on energy bills but also increases mental and physical well-being.

Easy to install and maintain, translucent polycarbonate panels are an economical daylighting solution. Polycarbonate panels are ideal for a wide variety of residential, commercial, industrial, and agricultural glazing applications including skylights, sunrooms, facades, roofs, transoms, sidelights, and more.



BENEFITS OF NATURAL LIGHT

- Reduces artificial lighting
- Helps lower energy costs
- Leads to higher productivity
- Helps produce serotonin
- Creates a comfortable environment

Links of Interest

- [Located in the small west coast town of Raglan, New Zealand, the upstairs living spaces of this modern beach house are housed in a translucent polycarbonate box.](#)
- [Sliding polycarbonate panels provide privacy between the offices and conference room in this fully renovated and redesigned hotel in Marseille, France.](#)
- [Focused on the use of affordable yet durable building materials, this coffee shop in Indonesia was primarily built with plywood and multiwall polycarbonate panels.](#)

Company Highlights

Meet the A-Team

Employee Spotlight | Melanee Tannehill

Since joining the A-Team last July as an Associate Accountant for AmeriLux International, Melanee says her on-the-job experience has been amazing. She's been able to see how various positions function and has learned that it takes a group effort to run things properly.

"The culture here at AmeriLux is very much family oriented. We are all here for one another. Especially when someone may be going through something. We are all there to lift and support them. We also have fun together at work, even outside of work. We can joke around with one another the same way you joke



with your own family. It makes work enjoyable.”

When you enter our De Pere office location, Melanee is typically the first one to greet you with her friendly smile and sincere welcome. “I want our customers to know they can trust us and that they, too, will be considered family.”

“AmeriLux is giving me something new to learn every day.”

"Win-Win"



"Every sustainable relationship, personal and professional, must be based on win-win for all parties. We invest in creating wins for all stakeholders in AmeriLux: employees, investors, customers, vendors, and the community. We don't create "win-lose" scenarios and we don't accept "lose-win" situations. We cultivate and nurture long-term, strategic partnerships with those who are like-minded, building mutually profitable business that results in the synergistic formula: '1+1=3'!"

April's Brand Ambassador:

Dustin Arndt, DC Production - AmeriLux International

[How We Succeed at AmeriLux](#)

The Car Wash Show 2023

AmeriLux International will be exhibiting at The Car Wash Show in Las Vegas next month. This annual trade show is the premier and leading gathering of owners, operators, investors, and decision-makers in the professional car wash industry.

- **When:** May 8th – 10th
- **Where:** Las Vegas Convention Center, Las Vegas, Nevada
- **Booth #:** 2370 (West Hall, First Level)

Featuring an expanded trade show floor with over 400 exhibitors, this year's event is full of opportunities to connect and collaborate with car wash operators, learn about the latest products and technologies, and attend Q&As with industry leaders and experts.

Make your carwash stand out from the competition with our high-quality multiwall polycarbonate panels or PVC products.



For show details or to register, please visit [The Car Wash Show website](#).

Stop by and visit our booth for more product information and professional advice.

The AmeriLux Family of Companies

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