

The Benefits of Polycarbonate Panels

Polycarbonate, also known as dual-wall polycarbonate sheets, is a durable plastic material with a long list of uses. Often used to construct greenhouses, it is also used for windows, light covers, carports, windbreaks and more! Dual wall sheets provide great strength for their value and look like two sheets of polycarbonate that are reinforced with evenly spaced strips, creating a cell-like appearance.



There are many benefits of Polycarbonate, here is a list of the main reasons you should consider:

Impact Resistance Even in its most simple sheet form, polycarbonate is one of the strongest consumer plastics available. It can sustain high impacts without denting, cracking, or peeling, earning it a reputation as being virtually unbreakable.

Variable Light Transmission Polycarbonate has a light transmission rate ranging from 20% to 80% but always offers 99.5 percent UV protection. The UV protection in polycarbonate siding will prevent it from physically degrading. It will not yellow, discolor, or even become brittle.

Weather & Temperature Resistance One of the best properties of polycarbonate is its extreme resistance to the elements. Operating temperature range of -40F to 212F, it can sustain almost any weather conditions without being damaged. When searching for materials with similar resistances, the only materials that can come close to polycarbonate are metals.

Lightweight Polycarbonate is exceptionally durable for its weight. It can easily be moved and arranged. This makes sheets exceptionally simple and cost-effective to install. As a result, polycarbonate is popular among DIY users. Polycarbonate makes the structure far less heavy, allowing for easy transport.

Sustainable Polycarbonate is a thermoplastic – meaning at the end of its useful life, it can be melted down into a liquid and can be reshaped into a fresh new form. This makes polycarbonate an excellent choice for builders that are concerned with sustainability.

Manageable Polycarbonate siding can be cut to the exact size needed for your project. This ensures less wasted materials saving time and money.

Polycarbonate siding is growing in popularity among professional builders due to a range of exceptional properties. It offers the durability of materials like metal siding while being far more lightweight than

wooden alternatives. Best of all, polycarbonate's asking price has never been more reasonable. GK has Polycarbonate in clear color, 8 mm thickness, in 24'x 4' sheets, in-stock and ready to ship!

Looking for other colors and thicknesses, call GK Greenhouses today at 503-678-5525 or visit www.GKGreenhouses.com for more information and request a friendly quote!

