



## **Facaplex Highlights the Top Benefits of Choosing Polycarbonate Sheets for Greenhouses and Skylights!**

*According to Jenny, spokesperson for Facaplex, Polycarbonate Sheets are quickly becoming the material of choice for these applications, thanks to their unique combination of properties.*

**SHANGHAI - Aug. 6, 2025 - [PRLog](#)** -- As the demand for sustainable, efficient, and innovative building materials continues to rise, Facaplex, a leading provider of advanced construction solutions, is proud to spotlight the many advantages of using Polycarbonate Sheets for greenhouses and skylights. With spokesperson Jenny at the helm, Facaplex is committed to educating architects, builders, and property owners about the transformative potential of **Polycarbonate Sheets**(<https://www.facaplex.com/product/polycarbonate-skylight-panels/>) in modern construction.

### **Why Polycarbonate Sheets Outperform Traditional Materials?**

#### **1. Superior Light Transmission and Diffusion**

One of the most critical factors in greenhouse and skylight design is the ability to maximize natural light. Polycarbonate Sheets excel in this area, offering light transmission rates of up to 90%, comparable to glass. However, unlike glass, Polycarbonate Sheets also diffuse light, reducing harsh shadows and ensuring even illumination throughout the space.

#### **2. Exceptional Impact Resistance and Durability**

While glass has long been a popular choice for greenhouses and skylights, it is prone to breakage and can pose safety risks. **Polycarbonate Sheets**, on the other hand, are up to 200 times stronger than glass, making them virtually unbreakable under normal conditions.

#### **3. Lightweight and Easy to Install**

Another significant advantage of **Polycarbonate Sheets** is their lightweight nature. Weighing significantly less than glass, these sheets are easier to handle, transport, and install. This not only reduces labor costs but also allows for more flexible and creative design options.

#### **4. Outstanding Thermal Insulation**

Energy efficiency is a growing concern in both commercial and residential construction. Polycarbonate Sheets offer excellent thermal insulation, thanks to their multiwall structure and low thermal conductivity. This helps maintain stable temperatures inside greenhouses, reducing the need for heating and cooling systems and lowering energy costs.

#### **5. UV Protection and Weather Resistance**

Exposure to ultraviolet (UV) radiation can cause materials to degrade over time, leading to discoloration,

brittleness, and reduced performance. Polycarbonate Sheets are engineered with UV-resistant coatings that block harmful rays, ensuring long-lasting clarity and structural integrity.

## 6. Sustainability and Environmental Benefits

Sustainability is at the forefront of modern construction, and **Polycarbonate Sheets**(<https://polycarbonate.livepositively.com/the-ultimate-gui...>) are a responsible choice for eco-conscious projects.

### About Company

**Facaplex**(<https://www.facaplex.com/>) offers premium **Polycarbonate Sheets** tailored for durability, clarity, and energy efficiency. Our polycarbonate skylight panels are impact-resistant, UV-protected, and engineered for superior light transmission. Ideal for commercial roofs, greenhouses, and canopy installations, Facaplex's Polycarbonate Sheets deliver long-lasting performance with minimal maintenance. Precision-manufactured and easily installed, they provide excellent insulation and natural daylighting.

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