

## **POLYCARBONATE**

This plastic sheet is commonly referred to as Lexan<sup>®</sup>. Virtually unbreakable, polycarbonate is often used in places where other products have not held up. When used in glazing, polycarbonate is an excellent choice because it is UV stabilized and will cut down on air conditioning and heating costs. This product is UL listed for Burglar Resistance.

### **LIGHT TRANSMISSION**

- Clear Sheets Offer up to 88% Visible Light
- Provides Better Insulation Compared to Glass
- 100% UV Protection—no laminated layer to peel off

### **AVAILABLE THICKNESSES (4'X8' STANDARD SHEET)**

- 0.060"
- 0.100"
- 0.125"
- 0.187"
- 0.250"
- 0.375"
- 0.500"

### **AVAILABLE COLORS (MOST SIZES)**

- Clear
- White
- Bronze

### **WARRANTY**

- 10-Year Warranty Not to Lose More than 8% of their light transmission. (When Installed, Used and Maintained accordance with recommendations and specifications.)

### **APPLICATIONS**

- |  |   |
|--|---|
| <input type="checkbox"/> Skylights         | <input type="checkbox"/> Partitions         |
| <input type="checkbox"/> Greenhouses       | <input type="checkbox"/> Sunrooms           |
| <input type="checkbox"/> Sunrooms          | <input type="checkbox"/> Signs              |
| <input type="checkbox"/> Shelters/Canopies | <input type="checkbox"/> Carports           |
| <input type="checkbox"/> Glazing           | <input type="checkbox"/> Industrial Roofing |
| <input type="checkbox"/> Pool Enclosures   | <input type="checkbox"/> Patio Covering     |
| <input type="checkbox"/> POP Displays      | <input type="checkbox"/> Sheds              |
| <input type="checkbox"/> Walkways          |   |

### **STRENGTH**

- High Impact
- 30 Times Stronger than Acrylic
- 250 Times Stronger than Glass
- 50% Lighter than Glass
- Hail Resistant
- Snow Load Resistant
- Wind Resistant
- Strong Protection from Vandals and Burglars

### **FLAME RETARDANCY**

- ASTM C-351 Specific Heat Capacity 0.31 btu/lb°F
- ASTM C-177 Thermal Conductivity 1.46 but-in/hr-ft<sup>2</sup>-°F
- ASTM D-648 Load 264 psi 265°F
- Long Term Service Temperature from -175 to 212° F
- Short Term Service Temperature from -175 to 250° F