



# SunTuf Sheet

Corrugated Polycarbonate High Performance Glazing Panels

## Description and Overview

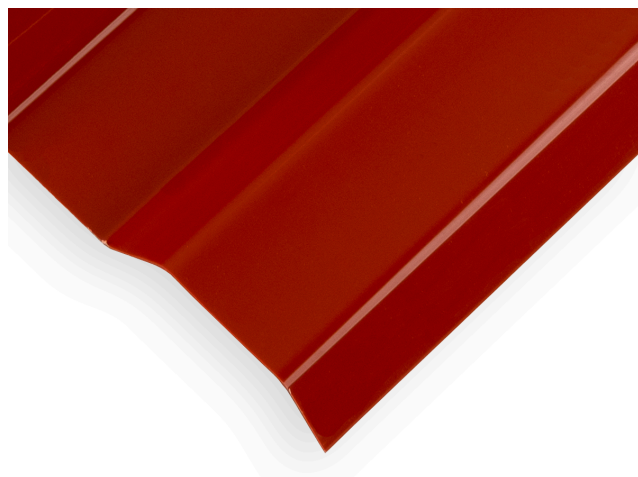
SunTuf corrugated polycarbonate panels are high performance glazing panels that feature extreme impact resistance and durability. Primarily designed for use in outdoor roofing, SunTuf offers multiple advantages over fiberglass corrugated panels, including excellent weatherability, extreme temperature resistance, high light transmission rates, high load rating, and the highest resistance to wind uplift.

SunTuf panels resist yellowing and UV damage and are easily drilled or cut with standard woodworking tools. They are compatible with popular metal panel profiles and have a 3" vertical corrugation pattern.

## Applications and Uses

SunTuf panels are easily installed and may be used to cover nearly any type of outdoor structure. Common SunTuf applications include:

- Skylights and sidelights
- Architectural roofing
- Industrial roof lights
- Agricultural greenhouses
- Car ports
- Light roofing and awnings
- Deck covers
- Pool enclosures
- Shade canopies
- Animal shelters
- Tool sheds
- Walkway covers
- Residential roofing (i.e. pergolas, canopies, etc.)



SunTuf is available in many different colors.  
Available sizes: 26" x 96", 26" x 120", 49.6" x 96", 26" x 144",  
49.6" x 192"  
Thicknesses: .032"

## Properties and Specifications

Property	SunTuf
Density	76 lb./ft. <sup>3</sup>
Impact Strength, Izod	15 ft.-lbs./in.
Tensile Modulus	345,000 psi
Tensile Strength (Yield)	9,000 psi
Flexural Modulus	345,000 psi
Flexural Strength (Yield)	13,500 psi
Hardness, Rockwell	R125
Heat Deflection Temperature	270°F
Long-Term Service Temperature	-40°F to 212°F
Coefficient of Linear Thermal Expansion	$3.6 \times 10^{-5}/^{\circ}\text{F}$
Affixable Properties	Chem / Mech

Properties are typical.  
Chem is an abbreviation for chemically affixed with glues, chemicals, or adhesive.  
Mech is an abbreviation for mechanically affixed bonding.  
Field testing is recommended for any application.

