"Built to Last"

17833 59th Ave NE, Suite C
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OFFICE: (360) 403-4900
Contractor's License: HCISTSB864DE

General Contractor of Pre-Engineered Steel Buildings and Steel Building Components

CORRUGATED POLYCARBONATE—SKYLIGHT PANELS

Description

SunSky has been designed specifically to match up to the most popular metal panel profiles, making it a perfect choice for seamless skylights, roof lights, and sidelights. Durability is a hallmark of SunSky and has had no mechanical failures or cracks at the end of any test to measure ultimate load when tested to ICBO Evaluation Service Acceptance Criteria, AC 16 Plastic Skylights. SunSky features a high performance glazing that stands up to punishing exterior applications. SunSky Corrugated Polycarbonate Panels offer multiple advantages over traditional fiberglass corrugated panels: up to 20 times greater impact resistance, the highest light transmission rates, the lowest yellowing index, the highest load rating, and the highest resistance to wind uplift-outstanding properties confirmed in accredited laboratory testing and in installations worldwide since 1984

Stock Profiles and Availability*

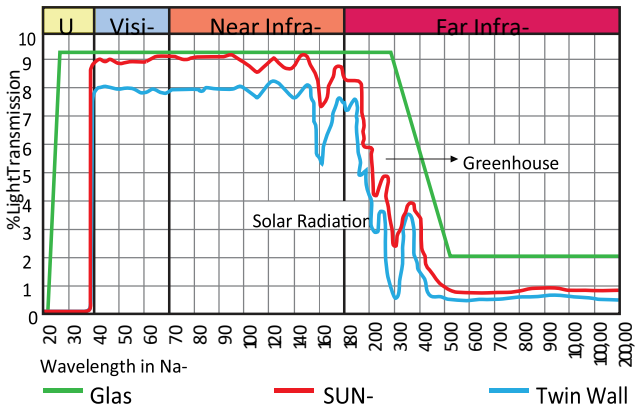
SunSky Features:

- Virtually unbreakable
- Self extinguishing
- Resistant to yellowing
- Retains optical clarity
- Can handle extreme climates (-40°F to 250°F)
- Easily and safely installed

SunSky Available Colors

- Clear - 90% Light Transmission
- Soft White - 85% "Glare Free" Light Transmission
- White Opal - 45% Light Transmission

In addition to our standard line of SunSky, we have a range of enhanced SunSky for specific applications. See the following pages for details on Soft White and MetalMatch™ Technology.



Radiation Filtering

SunSky Panels transmit radiation selectively. They form a complete shield against harmful ultraviolet rays, while admitting most of the visible light, essential to healthy livestock and work environments. By completely blocking the far infrared rays, SunSky prevents heat loss at night. SunSky blocks both UV-A and UV-B, which prevents damage to items located underneath the panels due to UV exposure.

Climatic Performance

SunSky Panels perform flawlessly under extremely harsh climatic conditions. Service temperature range -40° to 215° F, enabling unlimited use throughout the world.

Thermal Insulation

SunSky's heat conductivity is lower than fiberglass (FRP) sheets, which can result in considerable heating cost savings, compared to fiberglass.

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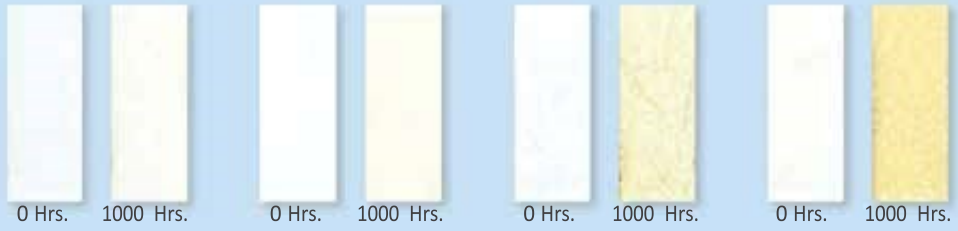
Weathering

Due to its built-in co-extruded UV blocking layer, SunSky maintains its light transmission and physical properties and is resistant to yellowing: Arizona climatic exposure tests and accelerated QUV tests indicate a significant advantage of SunSky over competitive products such fiberglass.

SunSky Solar Optical Properties

SunSky Color	Light Transmission	Solar Heat Gain Coefficient (SHGC)	Shading Coefficient (SC)	Diffusion
Clear	90%	0.9	1.04	N/A
White Opal	45%	0.51	0.59	100%
Soft White	85%	0.85	0.98	100%

QUV 1000 Hour Yellowing Test
(roughly equivalent to 10 year actual exposure)



Weathering Properties

SunSky Corrugated Polycarbonate Panels demonstrate greater resistance to yellowing, and transmit more light, than fiberglass panels. The results from QUV testing depicted below demonstrates the superior performance of SunSky compared to competing products. 100 hours of QUV exposure is roughly equivalent to 1 year of actual outdoor exposure in Arizona.