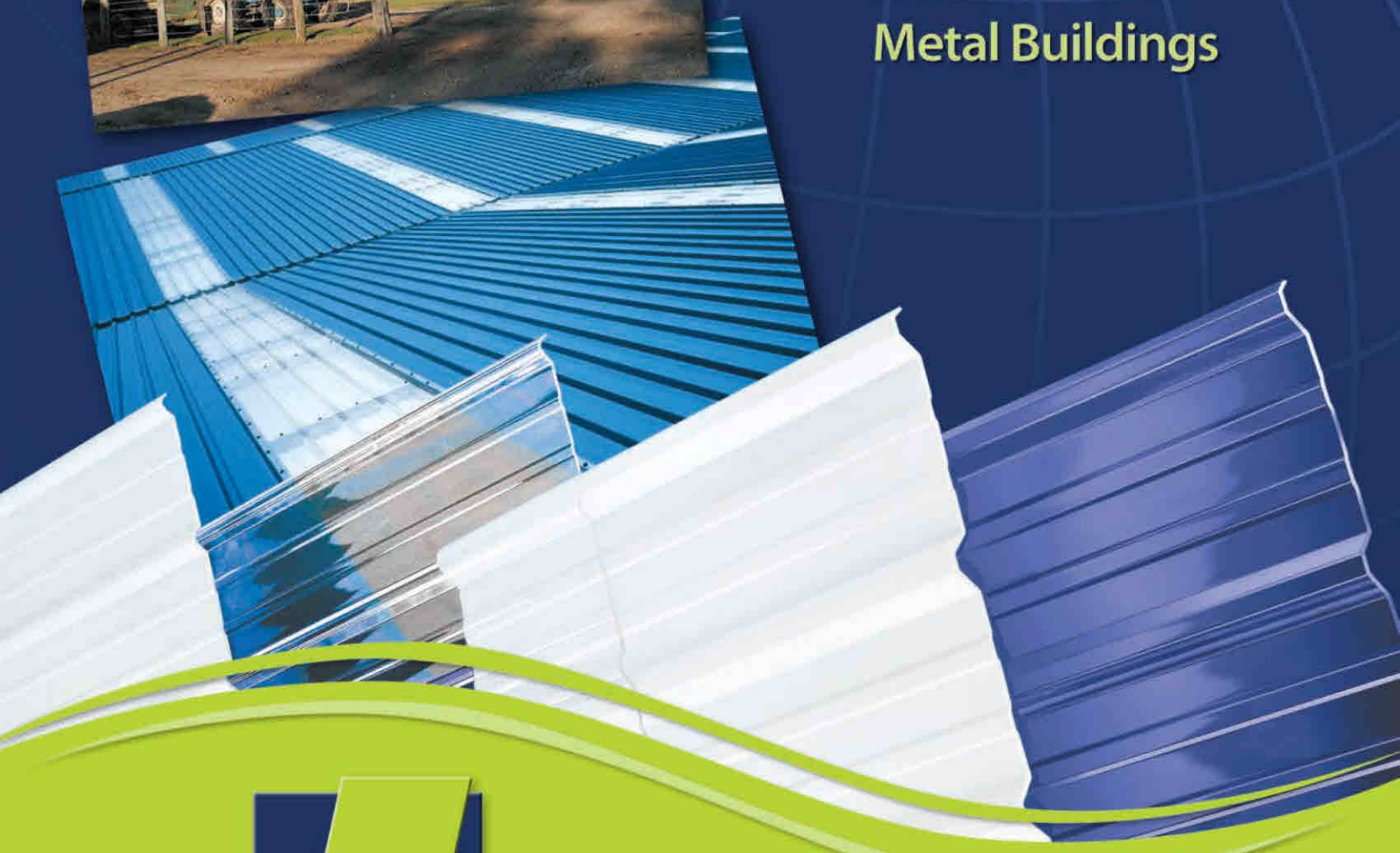




SunSky®

Corrugated
Polycarbonate
Skylight and
Side Light Panels
for Advanced
Metal Buildings



Creating Solutions



High performance products like these rely on polycarbonate glazing to resist high impact, high winds, hailstorms, fire, temperature extremes, and long-term exposure to ultraviolet light...



the same conditions that skylights and side lights must resist.



CONTENTS

| | |
|-----------------------------|----|
| Description | 3 |
| Climatic Performance | 4 |
| Radiation Filtering | 4 |
| Thermal Insulation | 4 |
| Weathering | 4 |
| Weathering Properties | 5 |
| Uniform Load | 6 |
| Uplift | 7 |
| Hail Velocity | 7 |
| Typical Physical Properties | 8 |
| Soft White | 9 |
| Chemical Resistance | 10 |

NEW
SOFT WHITE
 with 100% Diffusion
 SUNSKY CORRUGATED
 POLYCARBONATE
 SEE PAGE 9



SunSky
 CORRUGATED POLYCARBONATE

Description

For skylight and sidelite 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

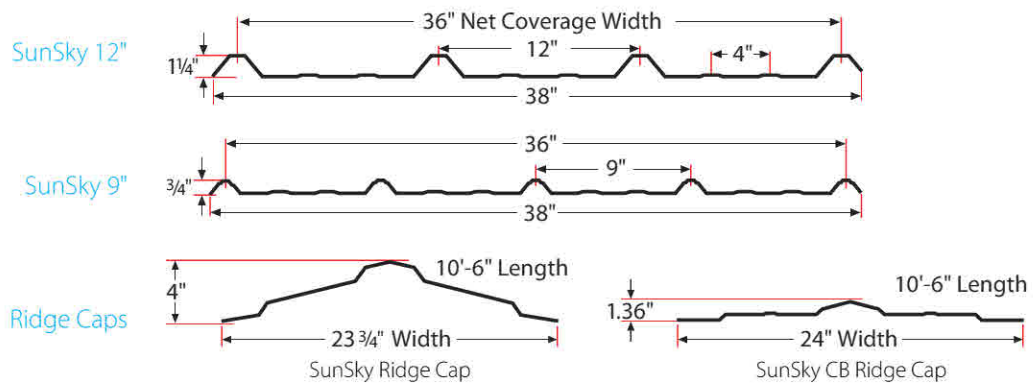
confirmed in accredited laboratory testing and in installations worldwide since 1984.

The panels are also available in custom profiles to match any corrugated metal roofing system, and in custom thickness to customer specifications (minimums apply).

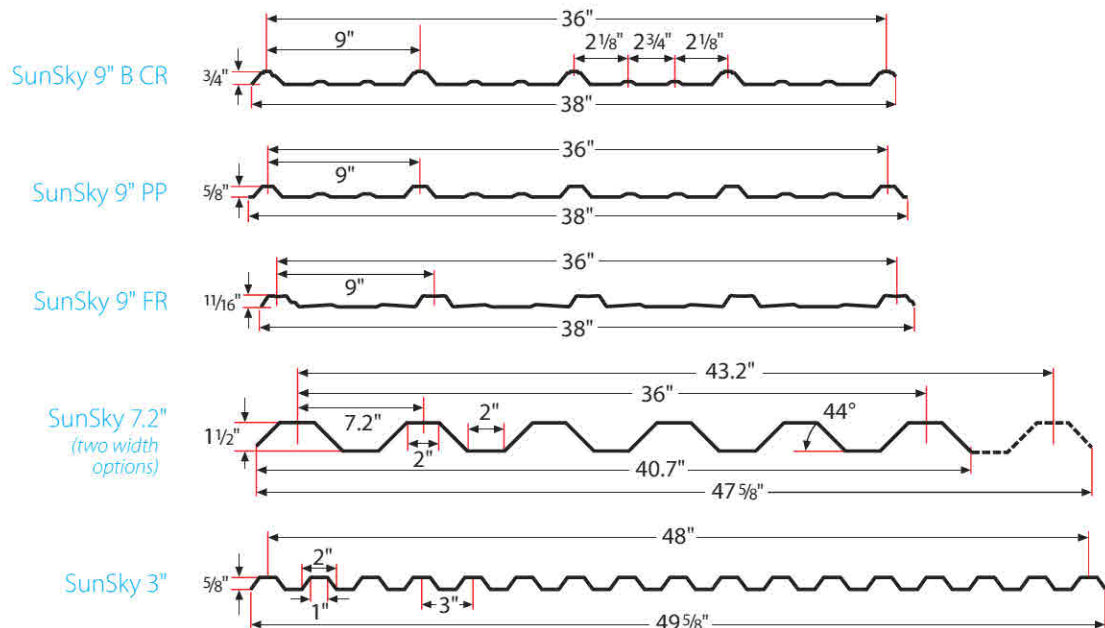
SunSky Features:

- Virtually unbreakable
- Self extinguishing
- Retains optical clarity over time
- Wide temperature range (-40°F to 210°F)
- Easily and safely Installed
- 10-Year warranty
- Hail and wind resistant
- 100% UV protection

Stock Profiles (Typically Readily Available)



Specialty Profiles* (Minimum Order Quantity & Lead Time Required)



| Profile Description | Available Color/Tint | Thickness (in/mm) | Length |
|------------------------------|----------------------------------|-------------------|-------------------------------------|
| SunSky 9" all types, and 12" | Clear, Soft White and Opal White | 0.032 / 0.80 | 8', 10', 10'-6", 11', 12', 16', 24' |
| SunSky 12" | Clear, Soft White and Opal White | 0.039 / 1.00 | 8', 10', 10'-6", 11', 12', 16', 24' |
| SunSky 7.2" | Clear, Soft White and Opal White | 0.039/ 1.00 | Special Order |
| SunSky Ridge Cap | Clear, Soft White and Opal White | 0.039/1.00 | 10'-6" |

Custom lengths available. Lead time depends on production schedule and order quantity.

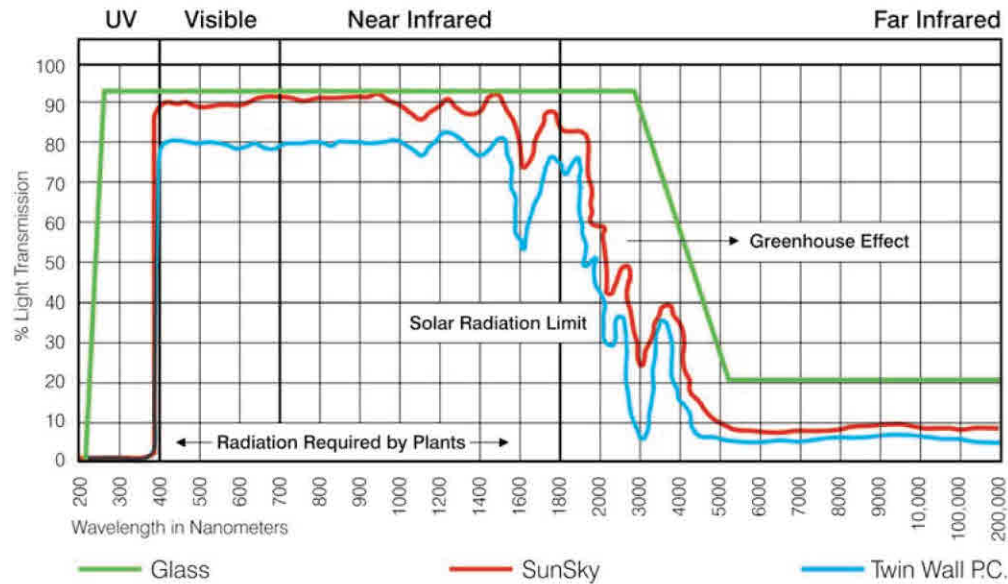
* Specialty profiles are typically not in stock, but can be produced provided minimum order requirements, lead time, and pricing considerations are met.

Radiation Filtering

SunSky Panels transmit radiation selectively. They form a complete shield against harmful ultraviolet rays which may scorch crops, while admitting most of the visible light, essential to crop health and photosynthesis. By completely blocking the far infrared rays, SunSky prevents heat loss at night. SunSky blocks both UV-A and UV-B.

Climatic Performance

SunSky Panels perform flawlessly under extremely harsh climatic conditions. Service temperature range -40° to 210° F, enabling unlimited use throughout the world.



Thermal Insulation

SunSky's heat conductivity is lower than fiberglass (FRP) sheets. These features facilitate considerable heating cost cuts, in comparison with fiberglass.

Weathering

Due to its coextruded built-in UV blocking and protecting layer, SunSky maintains its light transmission and physical properties and does not yellow: Arizona tests and accelerated QUV tests indicate a significant advantage of SunSky over competitive sheets such as twin wall polycarbonate and fiberglass.

QUV 1000 HOUR YELLOWING TEST

(roughly equivalent to 10 year actual exposure)



SunSky Corrugated Polycarbonate Panels exhibit significantly greater resistance to yellowing than fiberglass panels.

