

DAYLIGHTING

Fiberglass Reinforced Plastic
Daylighting Panels for
Metal Building Applications

Sustainable Daylighting Solutions

Sustainable

Engineered to survive in harsh environments, FRP won't rot, rust, mold or mildew and resists corrosion from chemicals.

Energy Efficient

Daylighting panels are available in various colors and weights to customize the the light transmission value needed.

Options

Crane Composites provides a daylighting product that meets performance goals while maintaining a budget. We combine resin systems, profiles, reinforcements and weights to engineer custom solutions.

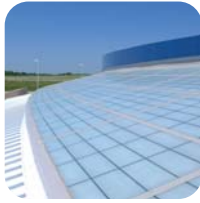


Fiberglass Reinforced Plastic Daylighting Panels for Metal Building Applications

Resin Systems

SUNSTRONG™

Premium weathering and exceptional color stability that is up to 10 times greater than General Purpose resin.



GEL COAT

General Purpose resin system with a Gel Coated exterior surface for enhanced weathering performance and reduced fiber bloom.



DURALITE™

Acrylic-modified resin system designed to improve weatherability.



GENERAL PURPOSE

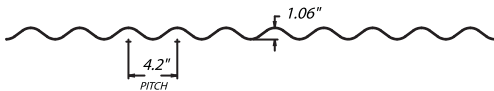
Standard general purpose resin system.



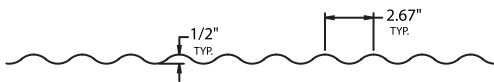
Standard Profiles

Below are a few of our standard profiles. Crane Composites Engineered FRP does have the ability to customize tooling to manufacture specific profiles. Additional and more detailed drawings are available upon request.

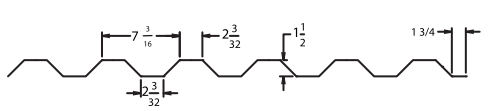
4.2" x 1 -1/16" Rib



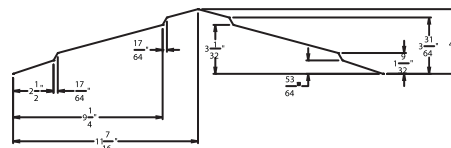
2.67" x 1 -1/2" Rib



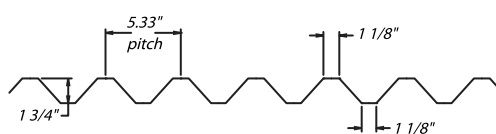
7.2" x 1-1/2" Box Rib



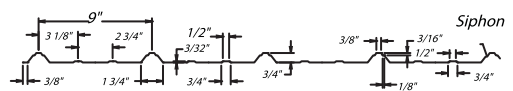
Ridgelight



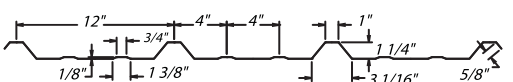
5.33" x 1 -3/4" V-Beam



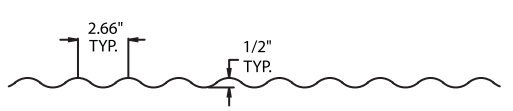
Grand Rib III



R-Panel



2.66" x 1/2" Rib



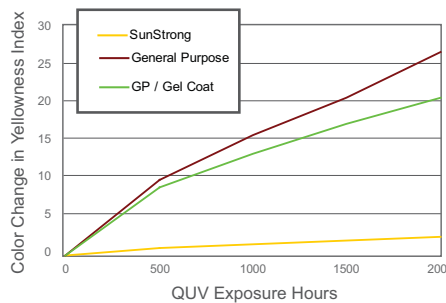
Color* Light Transmission

Color	SUNSTRONG			GEL COAT			DURALITE			GENERAL PURPOSE		
	Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	Min	Typ	Max
Clear	75%	80%	85%	75%	80%	85%	75%	80%	85%	75%	80%	85%
White	40%	45%	50%	40%	45%	50%	40%	45%	50%	40%	45%	50%

Colors shown are the most widely used in translucent applications. Percentages of transmission shown are nominal values with a tolerance of + or - 5%. Additional information available upon request. Light Transmission based on 8oz. product. Methods of test: per ASTM D1494

*Additional colors and weights may be available via a custom order program. All custom orders are subject to minimum order quantities.

Color Change



Reinforcements

- Standard | Random Strand Chopped Glass
- High Strength | Woven Roving

Weights*

- 5oz. 6oz. 8oz. 12oz. 16oz.

Fiberbloom

	QUV Exposure Hours			
	500	1000	1500	2000
SunStrong	10	10	10	10
GP / Gel Coat	10	10	10	10
General Purpose	10	10	10	9
10 no effect-perfect	6	4	2	0
8 very slight	4	2	0	0
	6	4	2	0
	4	2	0	0
	2	0	0	0
	0	0	0	0

Properties

Please refer to the following technical data sheets for Physical Property Data.

- 6874 | SunStrong™
- 6875 | SunStrong™ High Strength
- 6456 | Duralite™
- 6448 | Duralite™ High Strength
- 7062 | General Purpose
- 7082 | General Purpose High Strength

Sustainable Daylighting Solutions

COOLING TOWER

Fiberglass Reinforced Plastic
Cooling Tower Panels
& Louvers

Durable, Mold Free
& Chemical Resistant

Sustainable

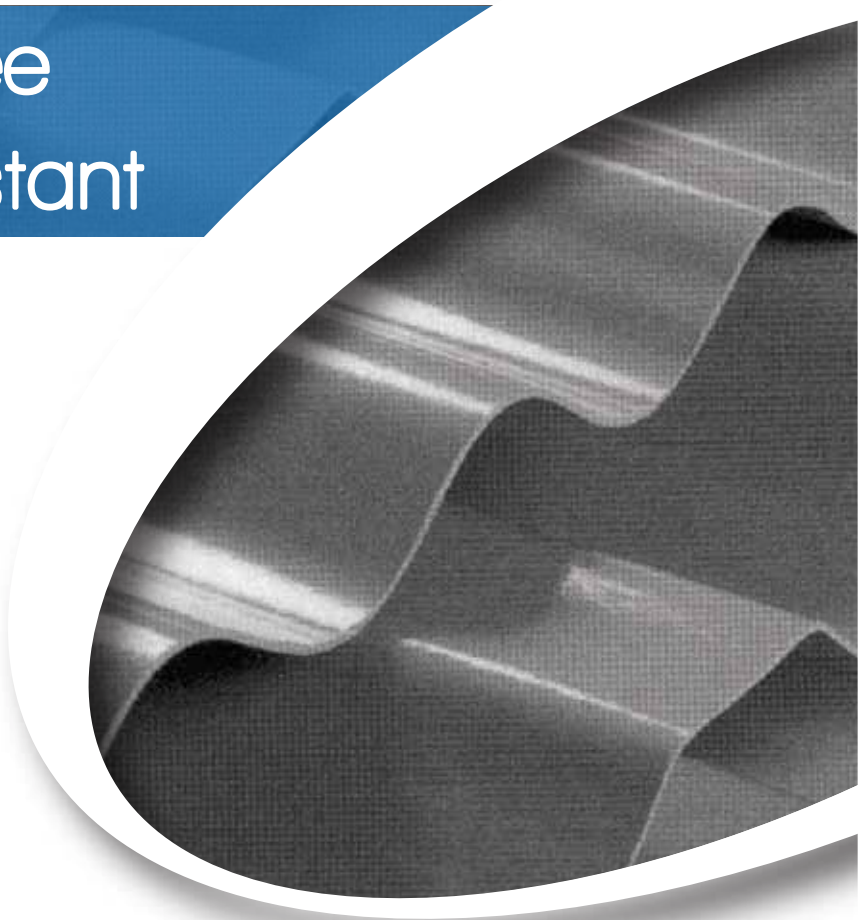
Engineered to survive in harsh environments, FRP won't rot, rust, mold or mildew, and resists corrosion from chemicals. Ideal for high moisture applications.

Fire Rated Available

Cooling Tower panels are available in both fire rated and non fire rated formulations.

Options

Crane Composites provide products that meet performance goals and deliver value. We combine resin systems, profiles, reinforcements and weights to engineer custom solutions.



Standard Formulations

NON-FIRE RATED | CTN

For use where a specific fire rating is not required.

CLASS A FIRE RATED | CTA

For use where a Class A per ASTM-E-84 fire rating is required.

CLASS A FIRE RATED | IFW HIGH STRENGTH

For use where a Class A per ASTM-E-84 fire rating is required.

Weights*

8oz.
12oz.
16oz.

Properties

Please refer to the following technical data sheets for Physical Property Data.

3701 | Non-Fire Rated CTN
3702 | Class A Fire Rated CTA
3703 | Class A Fire Rated High Strength IFW
3700 | Standard Profile Drawings & Load Span Tables

Colors*

Cooling Tower Panels are available in Gray (#675)

*Additional colors and weights may be available via a custom order program. All custom orders are subject to minimum order quantities.

Standard Products

Product Description	Profile #	Standard Width	Standard Length	Product Code
4.2 x 1 1/16"	#008	42"	96" - 20'	008CTN ::: 008 CTA ::: 008 IFW
5.33 x 1 3/4"	#041	45"	96" - 20'	041CTN ::: 041CTA ::: 041IFW
7.2 x 1 1/2"	#455	39.25"	96" - 20'	455CTN ::: 455CTA ::: 455IFW
Corner Roll	#152	6" x 6"	96"	152CTN ::: 152CTA

Standard Profiles

Below are a few of our standard profiles. Crane Composites has the ability to customize tooling to manufacture specific profiles. Additional and more detailed drawings are available upon request.

4.2 x 1 1/16" (Profile #008) Rib



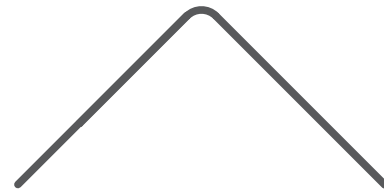
5.33 x 1 3/4" (Profile #041) V-Beam



7.2 x 1 1/16" (Profile #455)



(Profile #152) Corner Roll



FLAME SPREAD AND SMOKE DEVELOPMENT RATINGS

The numerical flame spread and smoke development ratings are not intended to reflect alleged hazards presented by Crane Composites products under actual fire conditions and this product has not been tested by Crane Composites except as set forth below. These ratings are determined by small-scale tests conducted by Underwriters Laboratories and other independent testing facilities using the American Society for Testing and Materials E-84 test standard (commonly referred to as the "Tunnel Test"). CRANE COMPOSITES PROVIDES THESE RATINGS FOR MATERIAL COMPARISON PURPOSES ONLY. Like other organic building materials (e.g. wood), panels made of fiberglass reinforced plastic resins will burn. When ignited, frp may produce dense smoke very rapidly. All smoke is toxic. Fire safety requires proper design of facilities and fire suppression systems, as well as precautions during construction and occupancy. Local codes, insurance requirements and any special needs of the product user will determine the correct fire-rated interior finish and fire suppression system necessary for a specific installation. We believe all information given is accurate, without guarantee. Since conditions of use are beyond our control, all risks are assumed by the user. Nothing herein shall be construed as a recommendation for uses which infringe on valid patents or as extending a license under valid patents. www.astm.org/Standards/E84.htm

Durable, Mold Free
& Chemical Resistant



INDUSTRIAL

Fiberglass Reinforced Plastic
Panels for Industrial
Applications

Engineered to Withstand Corrosion

Sustainable

Engineered to survive in harsh environments, FRP won't rot, rust, mold or mildew and resists corrosion from chemicals.

Options

Crane Composites provides products that meet performance goals and deliver value. We combine resin systems, profiles, reinforcements and weights to engineer custom solutions.

Applications

Industrial panels are ideal for highly corrosive environments. Refineries, paper mills, mining operations, wastewater facilities and any application where corrosion may be a factor.



Resin Systems

ISOTUFF™

Premium resin system. Designed to withstand highly corrosive environments. Available with a Class A fire rating per ASTM- E84.



DURALITE™

Acrylic-modified resin system designed to improve weatherability.



Reinforcements

Standard | Random Strand Chopped Glass

High Strength | Woven Roving

Weights*

12oz.
16oz.

Color*

All panels are available in a variety of opaque and translucent colors

Properties

Please refer to the following technical data sheets for Physical Property Data.

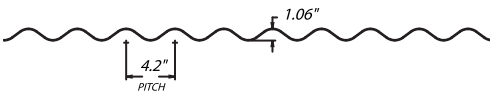
6456 | Duralite™
6448 | Duralite™ High Strength
3703 | IsoTuff™ Class A Fire Rated

*Additional colors and weights may be available via a custom order program. All custom orders are subject to minimum order quantities.

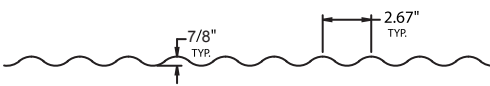
Standard Profiles

Below are a few of our standard profiles. Crane Composites has the ability to customize tooling to manufacture specific profiles. Additional and more detailed drawings are available upon request.

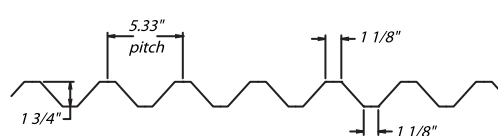
4.2" x 1 -1/16" Rib Profile #008



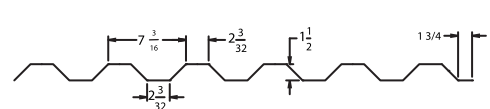
2.67" x 1 -7/8" Rib Profile #009



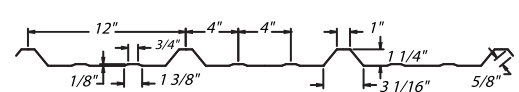
5.33" x 1 -3/4" V-Beam Profile #041



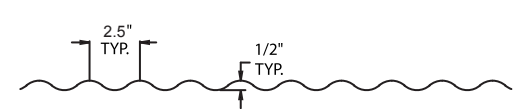
7.2" x 1-1/2" Box Rib Profile #455



R-Panel Profile #162



2.5" x 1/2" Rib Profile #010



FLAME SPREAD AND SMOKE DEVELOPMENT RATINGS

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Engineered for
High Strength



Florida Approved Panels Now Available

www.frp.com | 1.800.435.0080 | 1.815.467.8666 (fax) | salesbp@cranecomposites.com WHERE TRADITION & INNOVATION CONVERGE

Crane Composites manufactures Glasbord, Sequentia, Sanigrid II and a variety of other fiberglass reinforced plastic (frp) composite wall panels. Inspired by the Kemplite tradition, Crane Composites has over 55 years of experience in commercial building products and is a recognized industry leader in frp applications.

Form 3004 | Rev. 0 | 10.10 | (5406)



GREENHOUSE

Fiberglass Reinforced Plastic
Greenhouse Panels

Engineered to
Promote Growth

Sustainable

Engineered to survive in harsh environments, FRP won't rot, rust, mold or mildew and resists corrosion from chemicals. Ideal for high moisture applications.

Options

Crane Composites provides products that meet performance goals while maintaining a budget. We combine resin systems, profiles, reinforcements and weights to engineer custom solutions.

Panels & Coils

Greenhouse panels are available in a flat panel or corrugated profiles. Flat product is available in sheets or coil stock.



Formulations

CRYSTALITE™

Exterior Crystalite Smooth FRP panels are designed for Greenhouse Applications. Our unique resin promotes plant growth and provides better weathering than acrylic-modified systems.

SUNSTRONG™

Premium weathering and exceptional color stability that is up to 10 times greater than General Purpose resin.

DURALITE™

Acrylic-modified resin system designed to improve weatherability.

Reinforcements

Standard | Random Strand Chopped Glass

Weights*

4oz.
5oz.

Properties

Please refer to the following technical data sheets for Physical Property Data.

7045 | Exterior Crystalite™ Panel
6762 | SunStrong™
7060 | Duralite™

Color*

502 | Clear

Light Transmission

SUNSTRONG	DURALITE			CRYSTALITE				
	Min	Typ	Max	Min	Typ	Max	Min	Typ
75%	80%	85%	75%	80%	85%	75%	80%	85%

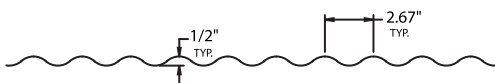
Colors shown are the most widely used in translucent applications. Percentages of transmission shown are nominal values with a tolerance of + or - 5%. Additional information available upon request.
Methods of test: Light Transmission per ASTM D1494

*Additional colors and weights may be available via a custom order program. All custom orders are subject to minimum order quantities.

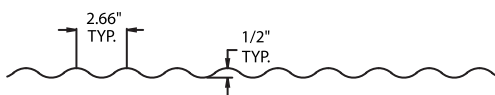
Standard Profiles

Below are a few of our standard profiles. Crane Composites has the ability to customize tooling to manufacture specific profiles. Additional and more detailed drawings are available upon request.

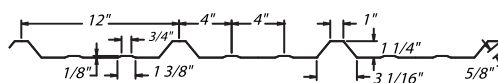
2.67" x 1 -1/2" Rib



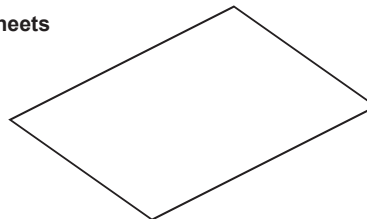
2.66" x 1/2" Rib



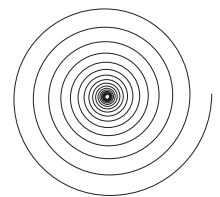
R-Panel



4' x 8' Sheets



4' x 50' - 500' Coil



Engineered to
Promote Growth



INSULATED PANELS & ASSEMBLIES

Fiberglass Reinforced Plastic
Insulated Panel Assemblies for
Skylights & Side Wall Daylighting

Insulated Panel Assemblies

Sustainable

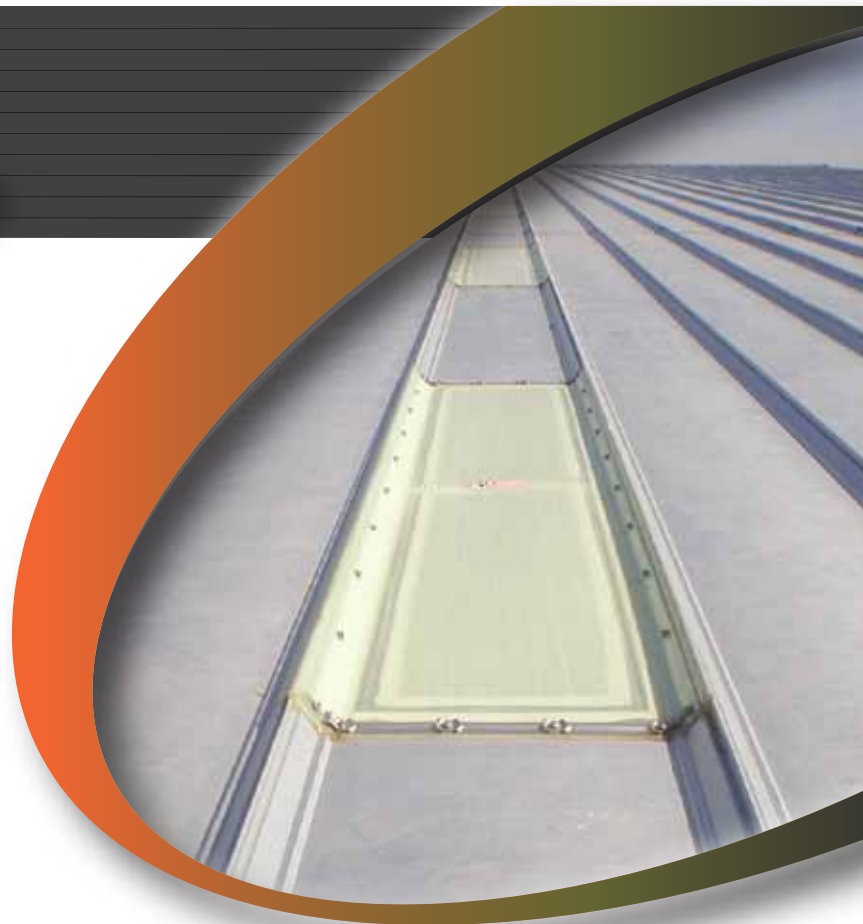
Engineered to survive in harsh environments, FRP won't mold or mildew and resists corrosion from chemicals and harsh environments.

Energy Efficient

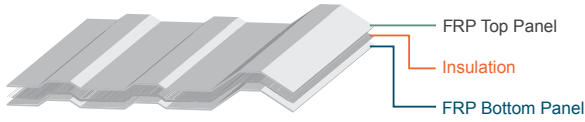
Insulated panels reduce heat loss and provide light transmission.

Options

Your design demands a daylighting product that meets your goals for performance and budget. We combine resin systems, profiles, reinforcements, insulation forms and weights to engineer custom solutions



Panel Components



Improved R Factor
Reduced Condensation
Natural Light Transmission

Top Panel Resin Systems

SUNSTRONG

Premium weathering and exceptional color stability that is up to 10 times greater than General Purpose resin.



GEL COAT

General Purpose resin system with a Gel Coated exterior surface for enhanced weathering performance and reduced fiber bloom.



DURALITE

Acrylic-modified resin system designed to improve weatherability.



GENERAL PURPOSE

Standard general purpose resin system.



Top Panel Reinforcements

Standard | random strand chopped glass

High Strength | woven roving

Top Panel Weights*

8oz. | Standard
6oz. & 12oz. | Optional

Insulation Options

With Microfoam | Standard
Without Microfoam | Air Pocket Only

Bottom Panel Resin Systems

GENERAL PURPOSE

Standard general purpose resin system.

Bottom Panel Reinforcements

Standard | random strand chopped glass

Bottom Panel Weights*

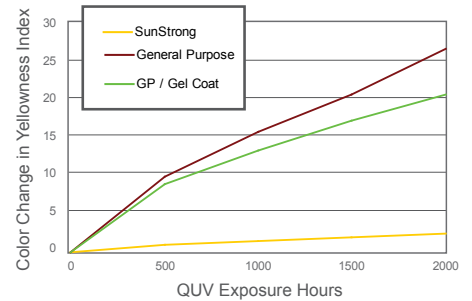
4oz. | Standard
6oz. & 8oz. | Optional

Properties

Please refer to the following technical data sheets for Physical Property Data.

- 6874 | SunStrong
- 6875 | SunStrong High Strength
- 6456 | Duralite
- 6448 | Duralite High Strength
- 7062 | General Purpose
- 7082 | General Purpose High Strength

Color Change



Fiberbloom

	QUV Exposure Hours			
	500	1000	1500	2000
SunStrong	10	10	10	10
GP / Gel Coat	10	10	10	10
General Purpose	10	10	10	9

10 no effect-perfect | 6 slight to moderate | 2 very severe
8 very slight | 4 moderate to severe | 0 extreme

Colors

Panels are available in various whites, gray, green & clear panels*

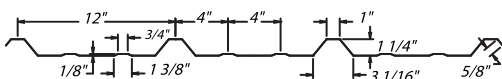
Standard Lengths

General Purpose | 427 White - 64" 128" 132" 144"
Duralite | 405 White - 144"
Duralite High Strength | 405 White - 144"

Standard Profiles

Below is the standard profile for insulated panels. Crane Composites Engineered FRP does have the ability to customize tooling to manufacture your specific profile. Additional profiles and more detailed drawings are available upon request.

R-Panel 162



Sustainable Insulated Panel Assemblies

100+ Active Profiles
Assembly Capabilities
Custom Tooling and Insulated Panels are Available*

*Additional colors, weights and profiles may be available via a custom order program. All custom orders are subject to minimum order quantities.