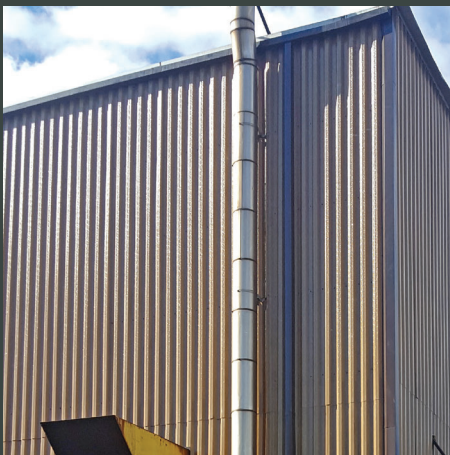


CRANE

Composites

STYLED + DURABLE
surface systems

Engineered Solutions Panels SunStrong® | Duralite® | IsoTuff®



frp Fiberglass Reinforced Panels

why **frp**? where **frp**?

structural integrity + weatherability

When you need light transmitting panels with extreme weather resistance, fiberglass reinforced plastic (FRP) panels are the perfect choice for your applications. From moisture and corrosion to cracking and chemicals, our FRP panels are able to stand up to even the harshest environments - with a broad range of product offering.

As the first and largest global manufacturer of FRP wall paneling, Crane Composites offers the industry's most innovative and resilient FRP panels, backed by our expert technical and installation support staff. Our FRP panels are suitable for most any commercial space and provide key benefits including:



customized style

Take your surfaces beyond with our wide range of resins, profiles, colors, weights and surface types, offering you endless options.

dependable performance

So, what is FRP? It's a thermoset composite made from fiberglass reinforcement in a plastic polymer matrix. A wide variety of physical strengths and mechanical properties can be engineered into FRP, making it ideal for several applications.

simple & cost-effective

Count on Crane FRP panels for extremely strong, durable panels that provide resistance to mold, mildew, bacteria growth, stains and chemicals. Plus, they're easy on your budget and designed to last for years to come.

there is more to **frp** than ever before

daylighting solutions

sidelights | wall systems

industrial structures

wall liners | roof & side lights | warehouse & storage buildings

greenhouse panels

greenhouse roofing | greenhouse sidewalls | roof lights

cooling tower panels

counterflow towers | crossflow towers | field erected towers | factory assembled towers

curtain wall solutions

architectural skylights | covered walkways | canopies | wall systems

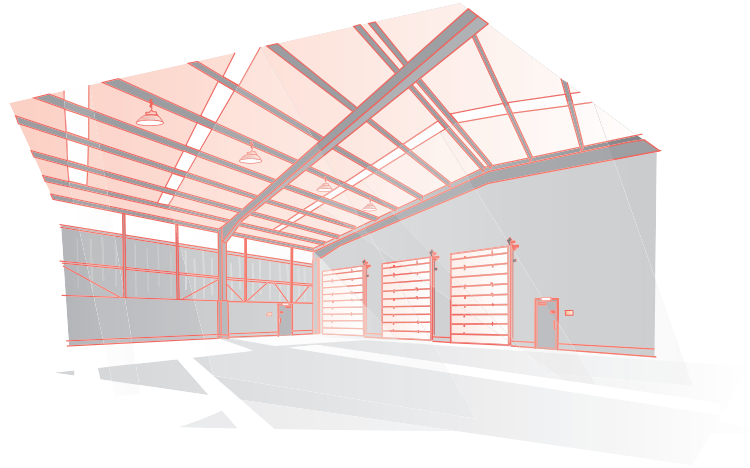
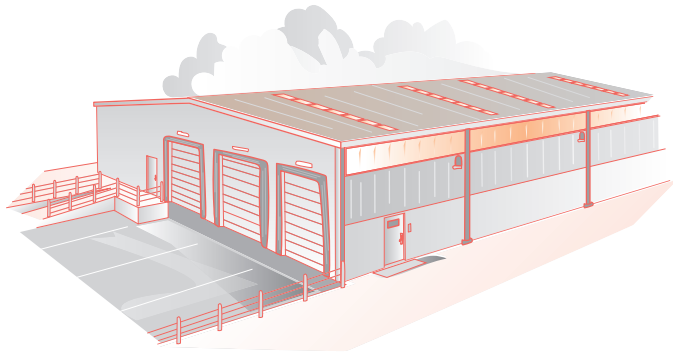
resin offerings

sunstrong | duralite | isotuff | fire-rated

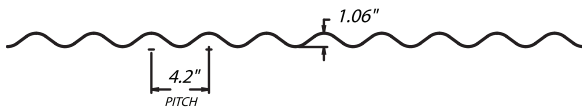


Daylighting Solutions

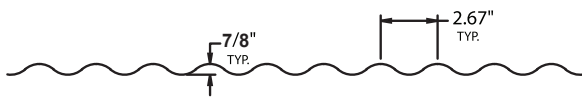
SKYLIGHTS | SIDELIGHTS | WALL SYSTEMS



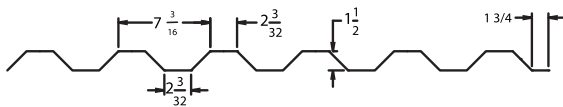
standard profiles



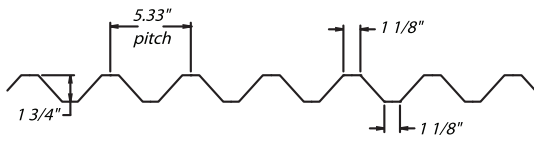
4.2" x 1-1/16" Rib | Profile #008



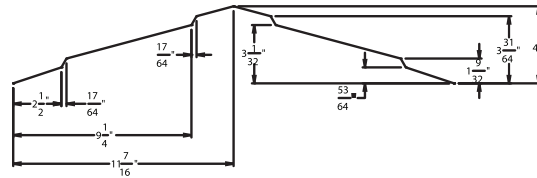
2.67" x 7/8" Rib | Profile #009



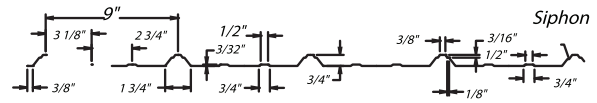
7.2" x 1-1/2" Box Rib | Profile #455



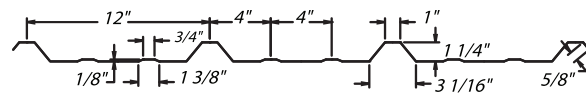
5.33" x 1-3/4" V-Beam | Profile #041



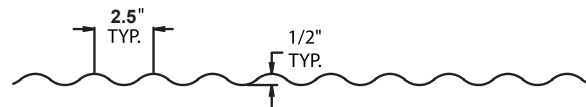
Ridgelight | Profile #297



Grand Rib III | Profile #509



R-Panel | Profile #162



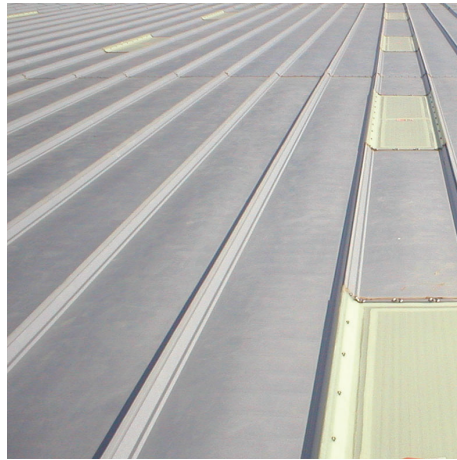
2.5" x 1/2" Rib | Profile #010

Natural Light

Our fiberglass reinforced plastic daylighting panels are perfect to let natural light into your space. Our panels are available in various colors and weights to customize the light transmission you need.

Solutions that are designed to last; Crane Composites' daylighting panels can be counted on to battle any type of harsh environment. We combine resin systems, profiles, reinforcements, and weights to engineer custom solutions for your daylighting needs. Our three daylighting resins, Duralite and Sunstrong exceed performance goals all while maintaining a budget. Like other Crane Composites' products, our daylighting solutions are ICC (International Code Council) certified.

Imagine the difference in your space when you allow in soft, natural light. Not only will it boost the morale of your buildings occupants, but it will eliminate issues that are common with glass skylights. Issues such as glare on cell phones and computers as well as hot spots in buildings. Our daylighting products provide equal light transmittance throughout the space and enhances light distribution.



resin systems

SunStrong

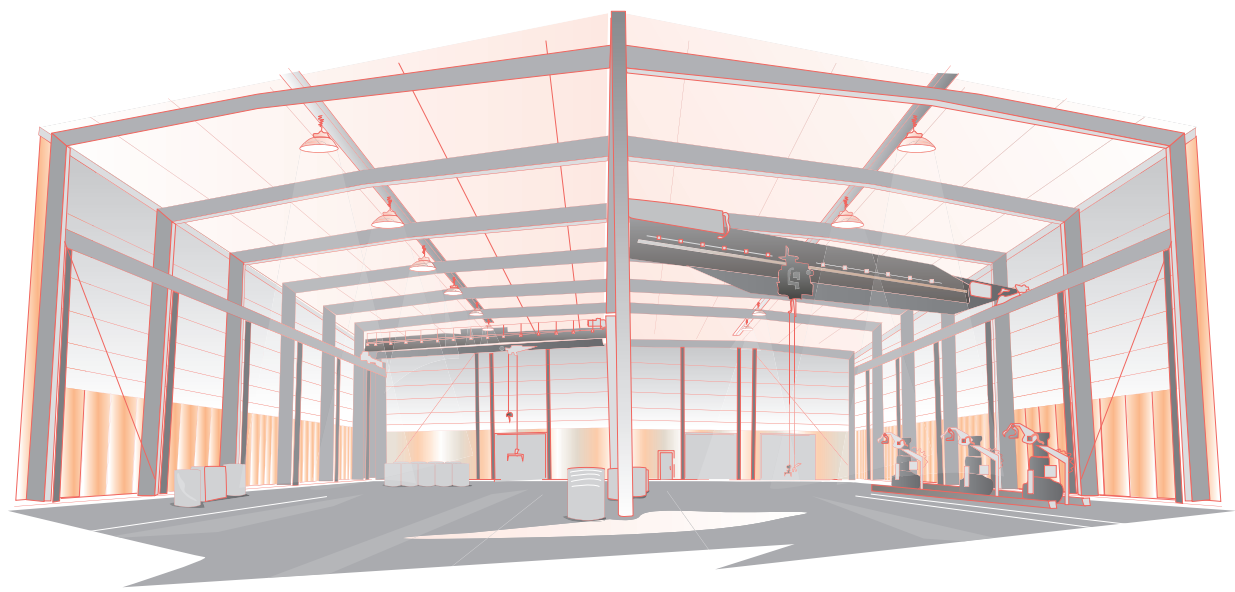
Designed with premium weathering and exceptional color stability. Utilizing an advanced polymer resin system.
see page 14 for more information

Duralite

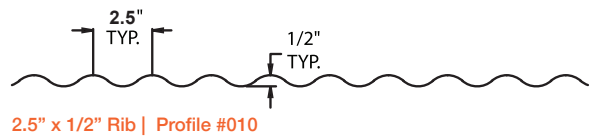
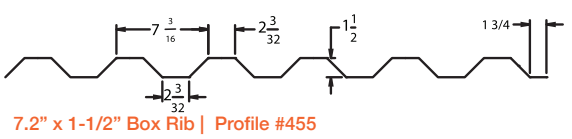
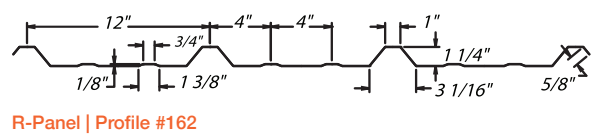
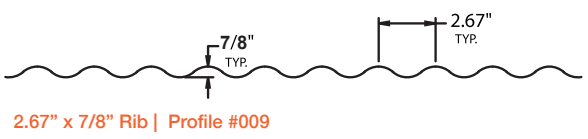
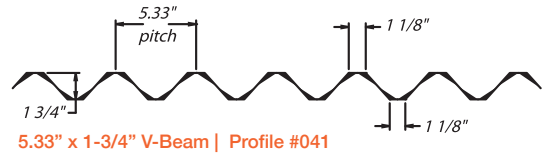
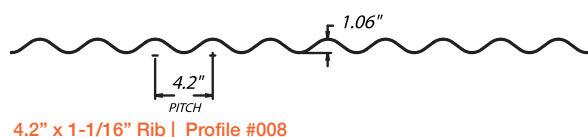
Acrylic-modified resin system designed to improve weatherability and backed with a ten-year limited warranty.
see page 16 for more information

Industrial Structures

WALL LINERS | ROOF & SIDE LIGHTS | WAREHOUSE & STORAGE BUILDINGS



standard profiles

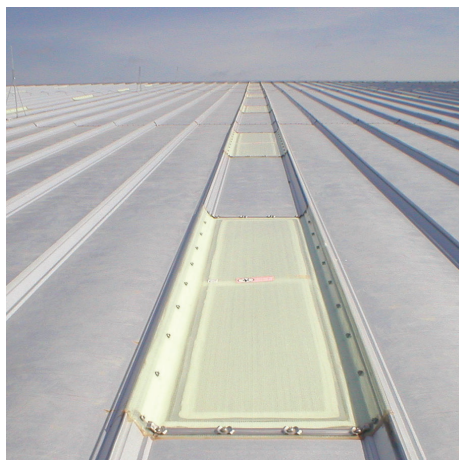


Withstand Environment

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

For industrial panels with superior dependability, one product rises above the others: Crane Composites fiberglass reinforced plastic (FRP) industrial panels are engineered to withstand chemicals and corrosion.

Count on Crane Composites' industrial panels to withstand your harsh environments. They are also moisture resistant and won't rot, rust or mildew. Our panels are specifically engineered for use in refineries, paper mills, mining operations, wastewater facilities and many applications where corrosion may be a factor. Crane Composites provides a product that will meet performance goals while maintaining a budget. We combine resin systems, profiles, reinforcements and weights to engineer custom solutions.



resin systems

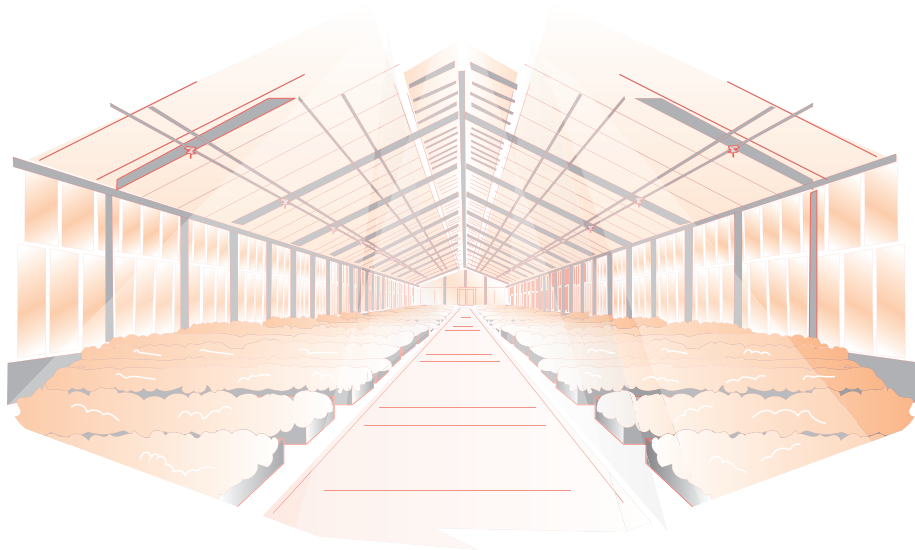
IsoTuff

Premium resin system uses an Isophthalic Neopentyl Glycol (NPG). For use where a Class A per ASTM E-84 fire rating is required.
see page 18 for more information

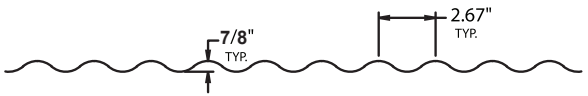
ask about our industrial structures at: **1.815.467.8600**

Greenhouse Panels

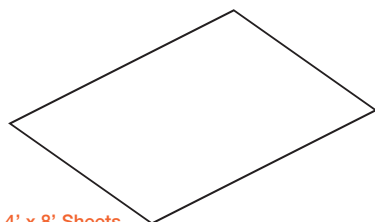
GREENHOUSE ROOFING | GREENHOUSE SIDEWALLS



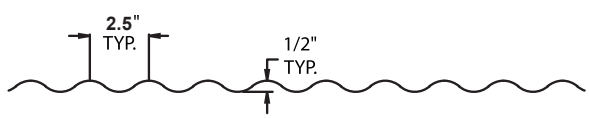
standard profiles



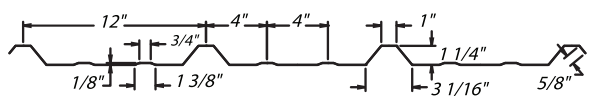
2.67" x 7/8" Rib | Profile #009



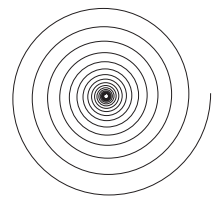
4' x 8' Sheets



2.5" x 1/2" Rib | Profile #010



R-Panel | Profile #162



4' x 50' - 500' Coil

Promote Growth

Greenhouse panels are engineered to promote growth. Our panels are available in a flat or corrugated profile. We combine resin systems, profiles, reinforcements and weights to engineer custom solutions.

Our FRP Greenhouse panels provide superior transparencies, durability, and a longer life span than competing products. Our Greenhouse panels provide well balanced lighting throughout your space to provide the best growing conditions for your product. The lighting provided by our panels also helps our customers achieve great energy savings by allowing in an abundant amount of natural light. This helps eliminate the dependency on extra lighting equipment in your facility.



resin systems

Crystalite

Unique resin promotes plant growth and provides better weathering than acrylic modified systems.

SunStrong

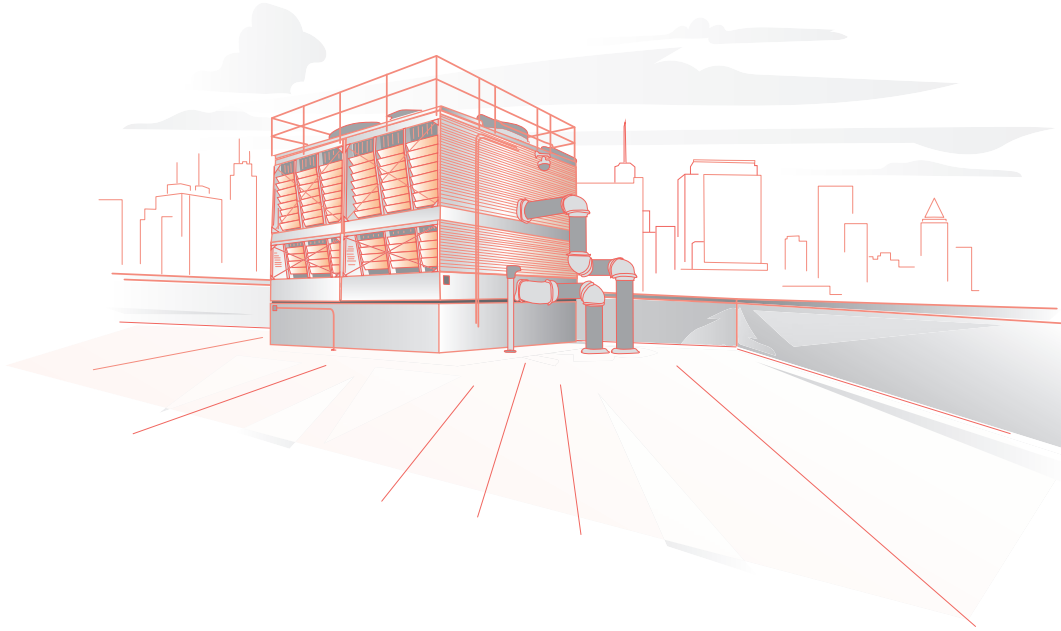
Designed with premium weathering and exceptional color stability. Utilizing an advanced polymer resin system.

see page 14 for more information

to find molvable profiles more information on our available profiles visit: CraneFRP.com

Cooling Tower Panels

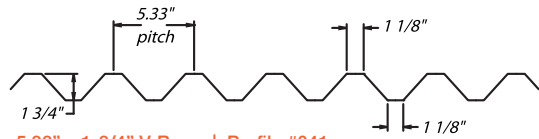
COUNTERFLOW TOWERS | CROSSFLOW TOWERS | FIELD ERECTED TOWERS



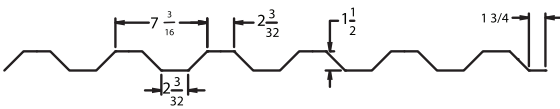
standard profiles



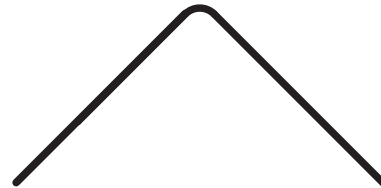
4.2" x 1-1/16" Rib | Profile #008



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



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



Corner Roll | Profile #152

Corrosion Resistant

Count on Crane Composites' cooling tower panels that are designed to withstand corrosive environments. They are also moisture resistance and won't rot, rust or mildew.

For superior strength and longer life spans, our FRP panels are the leading option to help your cooling tower applications. Our panels are specifically engineered for use as louvers, stair enclosures and exterior casings. With high strength at the forefront, our cooling tower panels can withstand all weather climates, high wind loads and much more. We can combine resin systems, profiles, reinforcements and weights to help customize a solution for your cooling tower needs. By choosing Crane Composites' FRP panels, you are making the best choice for the corrosive environments of the cooling tower industry.



resin systems

Fire Rated

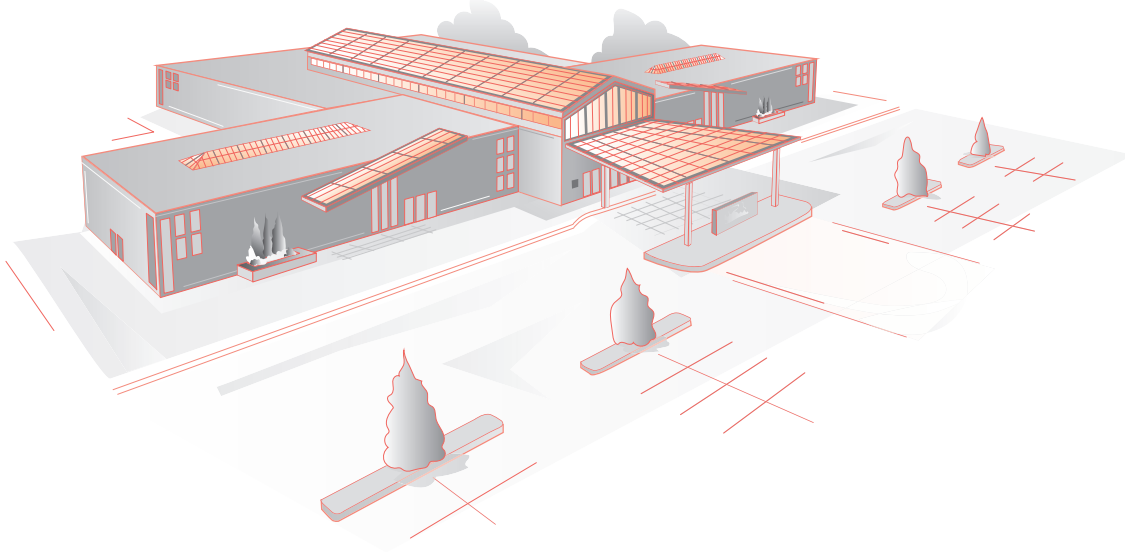
For use where a Class A per ASTM E-84 fire rating is required.
see page 18 for more information

Non-Fire Rated

Economical solution for use where a specific fire rating is not required.
see page 18 for more information

Curtain Wall Solutions

SKYLIGHTS | SIDELIGHTS | COVERED WALKWAYS | CANOPIES | WALL SYSTEMS



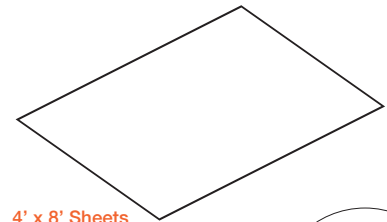
product offering: flat or coiled

Access to Sunlight

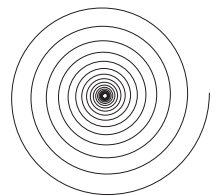
Our fiberglass reinforced plastic daylighting panels are perfect to let natural light into your space. Our panels are available in various colors and weights to customize the light transmission you need.

Crane Composites offers high quality FRP that can be incorporated into a curtainwall application. Because utilizing natural light is an integral part of curtainwall designs, we offer translucent solutions to fit your needs.

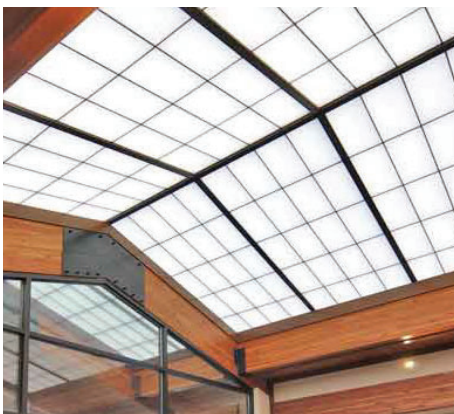
Our FRP can be used in skylights, sidelights, canopies, covered walkways and wall lighting systems. CCI FRP adds glare-free natural lighting into your space that protects against hot-spots inside your building.



4' x 8' Sheets



4' x 50' - 500' Coil



resin systems

SunStrong

Designed with premium weathering and exceptional color stability. Utilizing an advanced polymer resin system and backed with a 20-year limited warranty.

see page 14 for more information

Fire rated curtainwall products are also available

SunStrong® sustainable daylighting frp panel solutions



Select Crane Composites' SunStrong daylighting panels to brighten your facility with soft, natural light. SunStrong panels deliver exceptional color stability and superior weather performance for metal building and curtainwall light, skylight and sidelight applications.

SunStrong panels were installed 5 years ago alongside competitive panels as translucent white sidelights on the same wall. The panels were installed facing south in a southeastern location in the United States. SunStrong panels remain bright white while the conventional FRP panels have characteristically yellowed. SunStrong panels are proven color-stable, durable, strong, and low maintenance.



SunStrong



Competitive Panels

product specs + test results

WEIGHTS:

6 oz. | 8 oz. | 12 oz.
(additional weights available via custom order)

REINFORCEMENT:

Standard | random chopped glass
 High Strength | woven roving

PROPERTIES:

please refer to the following technical data sheets from physical properties at cranecomposites.com
 Standard (ST) | Form #6874
 High Strength (STW) | Form #6875

COLOR & LIGHT TRANSMISSION:

Color	min	typ	max
CLEAR	75%	80%	85%
WHITE	40%	45%	50%

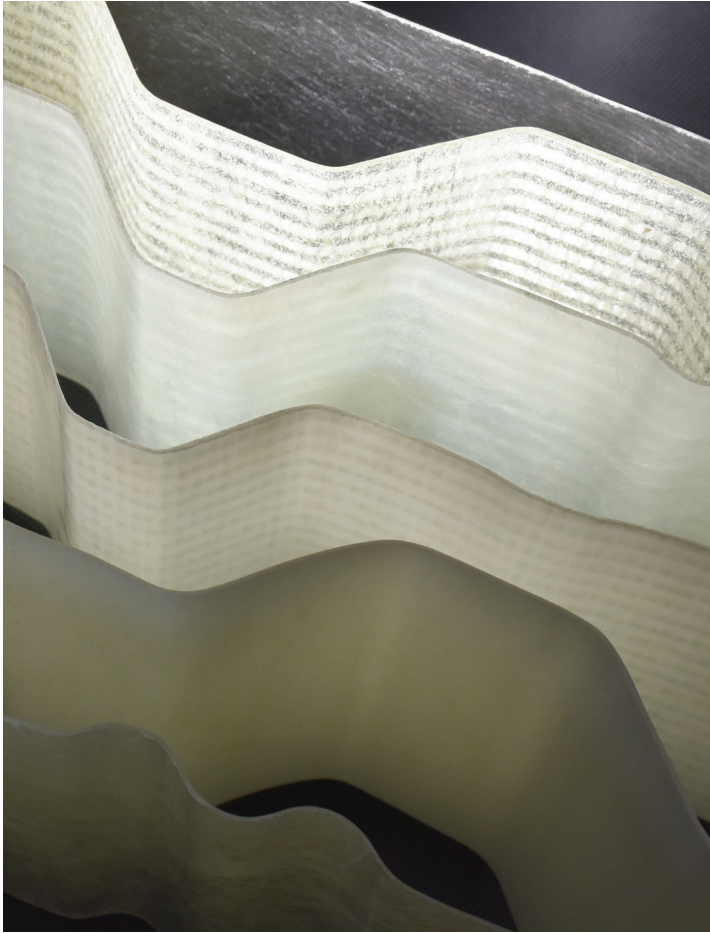
*Colors shown are the most widely used in translucent applications. Percentages of transmission shown are nominal values with a tolerance of + or - 5%. Additional information available upon request. Light Transmission based on 8 oz. product. Additional colors available via a custom order.

Methods of test: per ASTM D1494

FIBERBLOOM:

QUVA Exposure Hours	500	1000	1500	2000
SUNSTRONG	10	10	10	10
10 - No Effect/Perfect 8 Very Slight 6 Slight to Moderate 4 - Moderate to Severe 2 Very Severe 0 Extreme				

Duralite®



Our Duralite daylighting products are available in translucent and opaque options. Duralite also offers light transmission, standard chemical resistance, and is suitable for a wide variety of applications.

product specs

WEIGHTS:

8 oz. | 12 oz.
(additional weights may be available via custom order)

LIGHT TRANSMISSION:

Opaque
40%-50%
50%-60%
80%

REINFORCEMENT:

Standard | random chopped glass
High Strength | woven roving

PROPERTIES:

please refer to the following technical data sheets from physical properties at cranecomposites.com
Standard (DL) | Form #6456
High Strength (DLW) | Form #6448



Cooling Tower

Our Cooling Tower products are opaque panels intended for use as casings and louvers for cooling tower applications. The FRP panels come in both Non-Fire Rated and Class A Fire-Rated resin formulations. We can combine resin systems, profiles, reinforcements and weights to help customize a solution for your cooling tower.

product specs

PROPERTIES:

please refer to the following technical data sheets from physical properties at cranecomposites.com

Non-Fire Rated (CTN) | Form #3701

Fire Rated (V) | Form #3702

IsoTuff

Our Isotuff products are a high strength solution for use in applications where a Class A Fire Rating is required. This product contains improved chemical and corrosion resistance and is a perfect solution to meet those applications. Isotuff is available and sold in industrial and cooling tower applications.

product specs

WEIGHTS:

8 oz. | 10 oz. | 12 oz. | 16 oz.

(additional weights available via custom order)

PROPERTIES:

please refer to the following technical data sheets from physical properties at cranecomposites.com

Standard (IT) | Form #3704

High Strength (ITW) | Form #3703

for more information on our panels call: **1.800.435.0080**

who we are

Crane Composites Inc., is the world's leading provider of fiber-reinforced composite materials.



The superior option

Since 1954, we have continued to pioneer numerous patented technologies for industrial and commercial product applications. Crane Composites fiber-reinforced panels (FRP) can be found in virtually every type of vertical market, from highly industrialized environments to stylish retail and hospitality settings.

No matter what the application, our products and team reflect our mission statement: we are a performance

driven organization committed to global leadership and products of high-quality composite materials.

Customers benefit not only from the outstanding performance characteristics of our products, but also from our extensive support programs. Our expert product teams are focused on the needs of customers to provide unparalleled service and expertise.



cranecomposites.com | 1.800.435.0080 | sales@cranecomposites.com

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Form 7842 | Rev. 01 | 12.2024 (10,316)

