



The Eclipse Collection™

STRUCTURES FOR SHADE & SCREEN

Parasoleil

Designed to delight,
engineered to endure.

INTRODUCING THE ECLIPSE COLLECTION™

STANDARD STRUCTURE OPTIONS FOR SHADE & SCREEN

Parasoleil designs and engineers an uncommon line of architectural panel systems that bridge art and environment to create places where people want to be.

Now, we offer a turnkey solution that includes our artistic panels and the entire assembly, making it even easier to specify, coordinate, and install your project.

Filter light and frame space with our Eclipse Collection™
to bring new life to your projects.

The Parasoleil Difference

Parasoleil structures give you dependability and durability as well as a captivating experience to connect people with nature.

ARTISTRY

Our structures complement and celebrate the uncommon, artistic spirit of our panels and harmonize with your design. Artists create patterns with integrity and expertise to ensure they give you the aesthetic you are looking for as well as withstand all elements.

DEPENDABILITY

You can choose from many options to meet the needs of each project and know that our team is there for you every step of the way. Rest assured, the engineering and shop drawings have been completed for you to guarantee you can reduce your project lead time.

DURABILITY

Our engineers have analyzed the total collection and their finishes for long-lasting performance. The entire assembly has been engineered to endure rigorous conditions to receive certified status.

The Parasoleil team works with you every step of the way – through specification, design, and installation - whenever you need us.



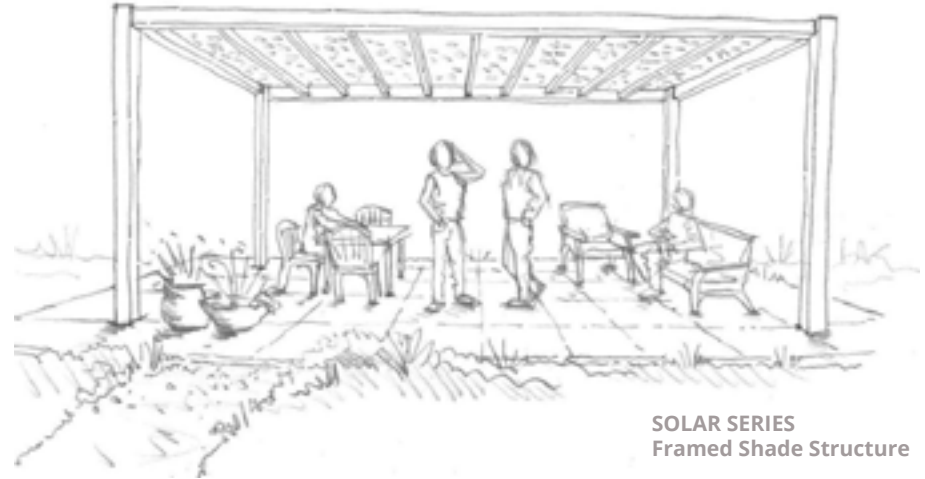
Inspiration at the intersection of art and environment

The Eclipse Collection™ is a collaboration of ideas that shine new light on our vision to bridge art and environment to create places where people want to be.

The Solar Series™ of shade structures offers two different aesthetic options to support your design intent for a given space – framed and unframed.

Similar to a piece of artwork, framed structures are ideal to create separation between similar elements in the environment. While unframed structures tend to float openly in a space, they create a sense of peace with undefined boundaries.

The Lunar Series™ of screen structures is designed to provide artistic privacy options without creating a distinct wall. The format is modular to accommodate for smaller or larger areas.



SOLAR SERIES
Framed Shade Structure



SOLAR SERIES
Unframed Shade Structure



LUNAR SERIES
Modular Screen Structure

Parasoleil All-in-One Structures

With alluring artistic pattern choices, all panels, hardware, and posts are pre-engineered to deliver an enduring system.

EASY TO SPECIFY

Our all-in-one structures offer pre-designed panel and finish options with pre-engineered installation methods to ease code compliance and to deliver artistry and dependability to a space.

EASY TO ORDER

Our system streamlines your order process and construction timeline by providing you with structural calculations, complete shop drawings, and a single point of coordination.

EASY TO INSTALL

Our structures are delivered as one unified system with step-by-step instructions to ensure an efficient, simple installation process — another way to reduce your project lead times.



The Solar Series™

SHADE COLLECTION

An elegant aesthetic with a naturalistic interplay of sunlight and shadows

Shade structures that offer protection and enrichment.

The Solar Series offers a variety of aesthetic choices that give you sun protection, artistry in pattern, and airflow, like sitting under a shade tree.

SOLAR SERIES | FRAMED SHADE STRUCTURES

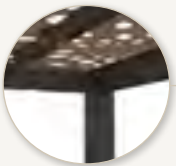
Framed structures are ideal for defined spaces, edges, and rectilinear forms.



Framed corner view from top



12' x 15'
Outside dimensions



Framed corner view from bottom



15' x 20'
Outside dimensions

SOLAR SERIES | UNFRAMED SHADE STRUCTURES

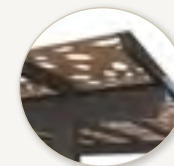
Unframed structures are defined by organic forms creating a sense of unrestricted openness.



Unframed corner view from top



12' x 15'
Outside dimensions



Unframed corner view from bottom



15' x 20'
Outside dimensions

Note: Base plates are below grade. More detailed dimensions are provided online.

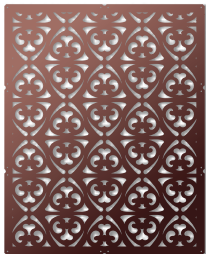
The Solar Series™ SHADE PATTERNS AND FINISHES

When choosing your shade pattern and finish, consider shade coverage, airflow, shadows, and colors that either continue or complement your space.

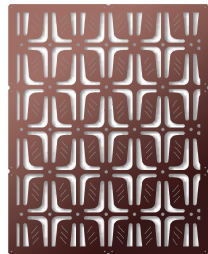
SHADE PATTERNS



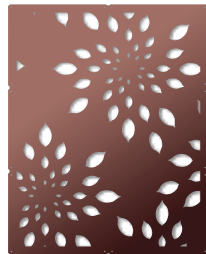
bb Leaves®



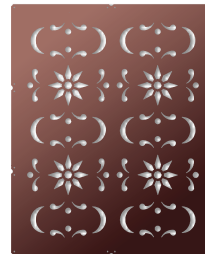
Flannigan®



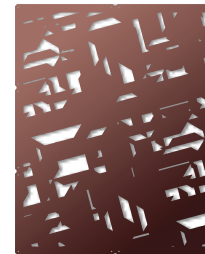
Kenyan®



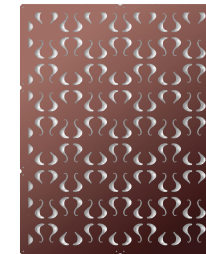
Lemon Drop®



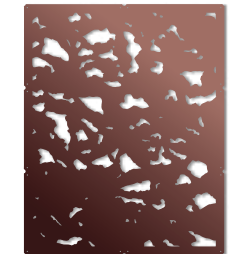
Mission®



Moulin Casse®

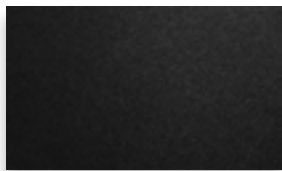


Onion®

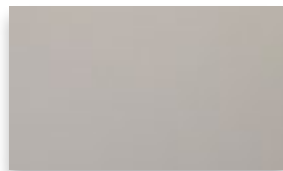


Winter Branches®

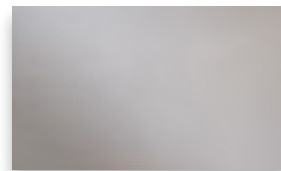
PATTERN FINISHES



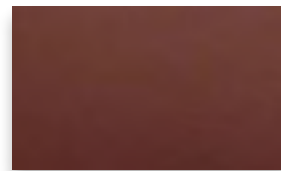
Black Licorice



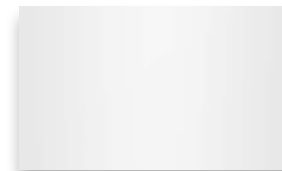
Buff Stone



Buffalo Dime



Copper Foil

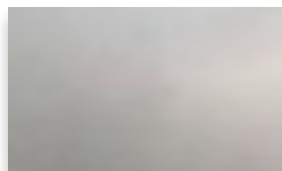


Pike's Peak

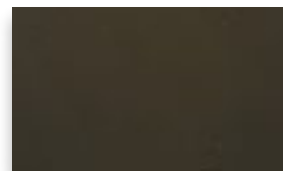


Umbria

HARDWARE & POST FINISHES



Buffalo Dime



Graftone

For detail views of patterns and finishes, please visit parasoleil.com.

All Parasoleil patterns are protected under copyright law. Copying, modifying, or any unauthorized use of these patterns is strictly prohibited.

The Solar Series™ SHADE SPECIFICATIONS

SOLAR SERIES | FRAMED STRUCTURE SPECIFICATIONS

COLUMN	6" x 6" x 9' tube steel
BEAM	4" x 6" tube steel
PURLIN	2" x 3" tube steel
FINISH	Proprietary powdercoat with zinc primer (UV stable and corrosion resistant)
PANEL	1/8" aluminum with proprietary powdercoat

SOLAR SERIES | UNFRAMED STRUCTURE SPECIFICATIONS

COLUMN	4" x 6" x 9' tube steel
T-BEAM	8" steel
PURLIN	2" x 3" tube steel
FINISH	Proprietary powdercoat with zinc primer (UV stable and corrosion resistant)
PANEL	1/8" aluminum with proprietary powdercoat

SHADE LOAD AND PRESSURE RATINGS

Rated wind pressure with no snow	50 psf
Rated wind pressure with 20 psf snow	33.3 psf
Rated wind pressure with 30 psf snow	16.7 psf
50 psf design wind pressure is equivalent to	
180 mph for Exposure B (in larger cities/urban areas)	
148 mph for Exposure C (in suburban areas)	
135 mph for Exposure D (in rural/flat areas)	
33.3 psf design wind pressure is equivalent to	
147 mph for Exposure B (in larger cities/urban areas)	
121 mph for Exposure C (in suburban areas)	
110 mph for Exposure D (in rural/flat areas)	
16.7 psf design wind pressure is equivalent to	
104 mph for Exposure B (in larger cities/urban areas)	
86 mph for Exposure C (in suburban areas)	
78 mph for Exposure D (in rural/flat areas)	

PERMITTING

For your reference and for permitting purposes, Parasoleil provides a complete set of pre-engineered fabrication drawings and specifications of the assembly with each order, to be combined with the permit set and wet-stamped by owner's engineer of record. Site specific footing details including anchor bolt specifications must also be provided by engineer of record.

STRUCTURAL DESIGN

- Opening percentages for shade and airflow provided.
- Commercial grade warranty on defects, structure, and finish.
- All metals protected with minimum 2-coat corrosion resistance or non-corrosive metals.

Load and pressure rating notes:

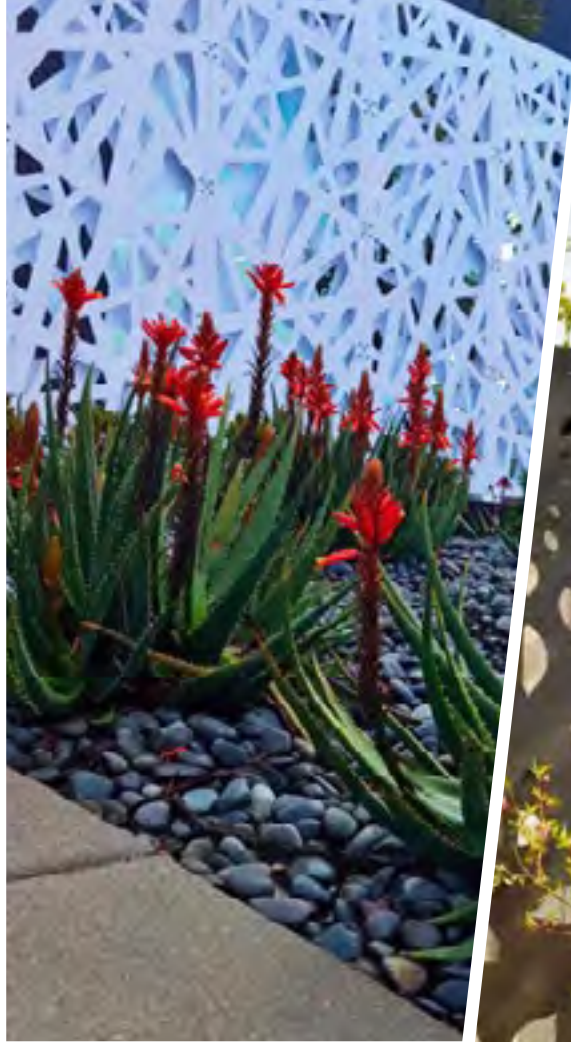
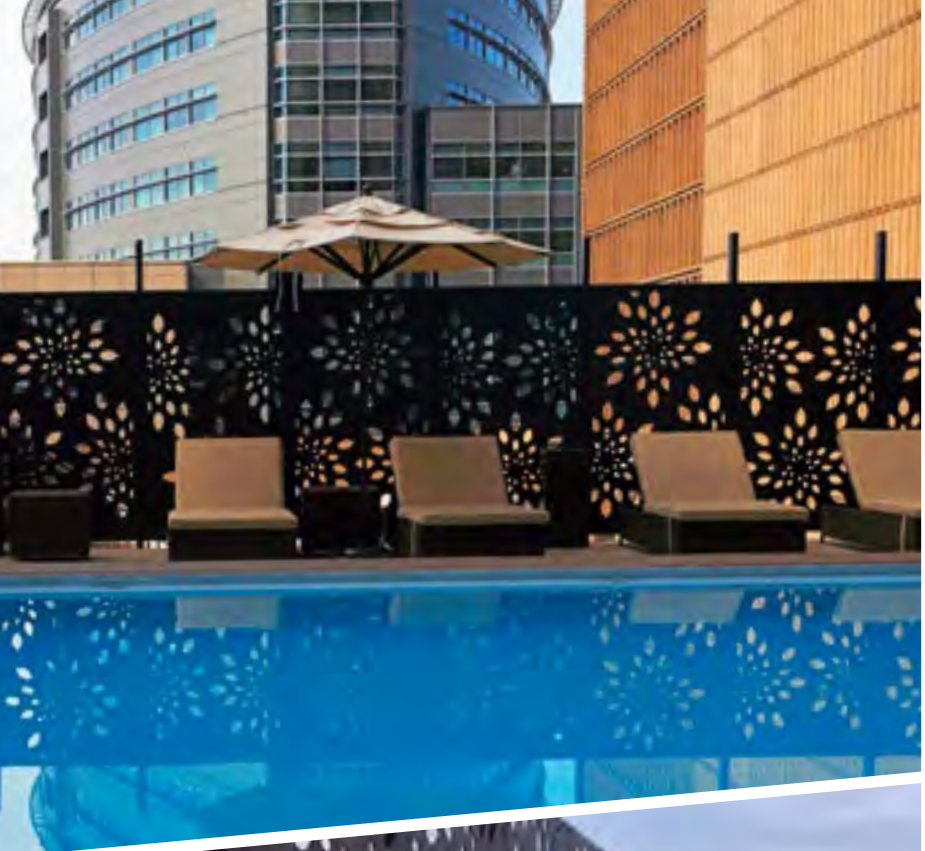
This load and pressure ratings chart reflects the Parasoleil pre-engineered Solar Series framed and unframed shade structures.

Values in the shade and screen tables are based on ground level installations. Reference AISC 360 and ASCE 7-10.

INSTALLATION

- Solar Series panel installation methods are based on IAPMO UES EVALUATION REPORT 0488 used for Parasoleil product certification.
- Solar Series installation methods based on patented PFL bracket system that has been IAPMO certified for wind and snow loads.
- Hardware list and installation instructions provided.
- Overall installed height of Solar Series product assemblies are based on base plate/anchor bolt connections located 4" below the finish surface.
- For ease and efficiency of anchor bolt installation, a "drill and epoxy" method is recommended over a "cast-in-place" to minimize the risk of misaligned anchor bolts. Anchor bolt and epoxy specifications are to be provided by contractor or project engineer.

For specific product engineering calculations, call us at 303.589.4524 or email hello@parasoleil.com.



The Lunar Series™

SCREEN COLLECTION

An artistic element for privacy that creates a sense of place

Screen structures that offer privacy and beauty.

The Lunar Series offers the screen structures in a modular format with two different heights for aesthetic choice and span needed.

LUNAR SERIES | MODULAR I SCREEN STRUCTURE

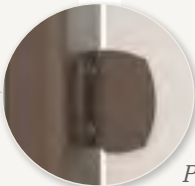
LUNAR SERIES | MODULAR II SCREEN STRUCTURE



4' x 6'



PBI hardware front detail



PBI hardware back detail



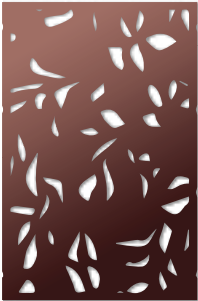
4' x 8'

Note: Base plates are below grade. Multiple panel layouts can share posts. More detailed dimensions are provided online.

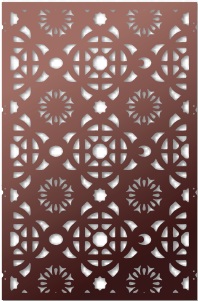
The Lunar Series™ SCREEN PATTERNS AND FINISHES

When choosing your screen pattern and finish, consider shade coverage, airflow, shadows, and colors that either continue or complement your space.

SCREEN PATTERNS



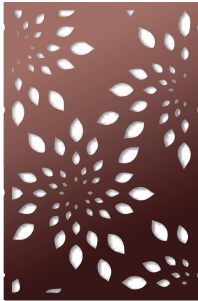
bb Leaves®



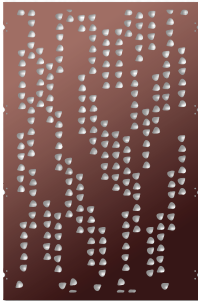
Casablanca®



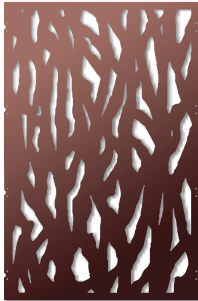
Evanston®



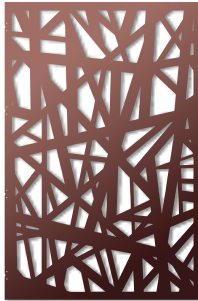
Lemon Drop®



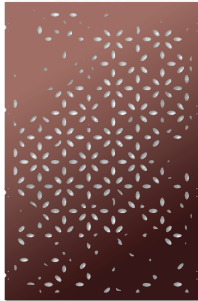
Mariposa®



Quiet Wood®

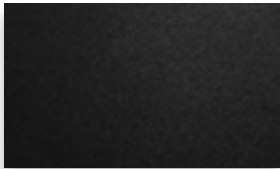


Shattered®

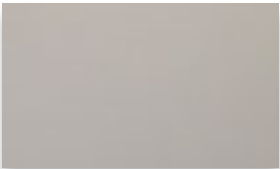


White Sands®

PATTERN FINISHES



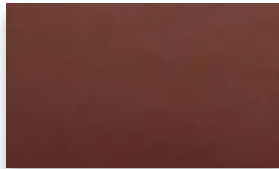
Black Licorice



Buff Stone



Buffalo Dime



Copper Foil



Pike's Peak

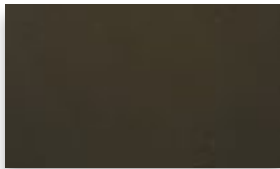


Umbria

HARDWARE & POST FINISHES



Buffalo Dime



Graftone

For detail views of patterns and finishes, please visit parasoleil.com.

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The Lunar Series™ SCREEN SPECIFICATIONS

LUNAR SERIES | MODULAR I STRUCTURE SPECIFICATIONS

STRUCTURE SIZE	4' on-center x 6' H
POST	2" W x 3" D tube steel
FINISH	Proprietary powdercoat over zinc primer (UV stable and corrosion resistant)
PANEL	1/4" aluminum with proprietary powdercoat

LUNAR SERIES | MODULAR II STRUCTURE SPECIFICATIONS

STRUCTURE SIZE	4' on-center x 8' H
POST	3" W x 4" D tube steel
FINISH	Proprietary powdercoat over zinc primer (UV stable and corrosion resistant)
PANEL	1/4" aluminum with proprietary powdercoat

SCREEN LOAD AND PRESSURE RATINGS

Screen Assembly wind pressure rating	50 psf
Note: Screen assemblies exposed to wind pressures of 70 psf should be inspected.	
50 psf design wind pressure is equivalent to	
165 mph for Exposure B (in larger cities/urban areas)	
135 mph for Exposure C (in suburban areas)	
123 mph for Exposure D (in rural/flat areas)	
70 psf design wind pressure is equivalent to	
195 mph for Exposure B (in larger cities/urban areas)	
160 mph for Exposure C (in suburban areas)	
145 mph for Exposure D (in rural/flat areas)	

Load and pressure rating notes:

This load and pressure ratings chart reflects the Parasoleil pre-engineered Lunar Series screen structures.

Values in the shade and screen tables are based on ground level installations and reference AISC 360 and ASCE 7-10.

PERMITTING

For your reference and for permitting purposes, Parasoleil provides a complete set of pre-engineered fabrication drawings and specifications of the assembly with each order, to be combined with the permit set and wet-stamped by owner's engineer of record. Site specific footing details including anchor bolt specifications must also be provided by engineer of record.

STRUCTURAL DESIGN

- Opening percentages for screen provided.
- Commercial grade warranty on defects, structure, and finish.
- All metals protected with minimum 2-coat corrosion resistance or non-corrosive metals.

INSTALLATION

- Lunar Series panel installation methods are based on IAPMO UES EVALUATION REPORT 0488 used for Parasoleil product certification.
- Lunar Series installation methods based on patent-pending PBI bracket system that has been IAPMO certified for wind loads.
- Hardware list and installation instructions provided.
- Overall installed height of Lunar Series product assemblies are based on base plate/anchor bolt connections located 4" below the finish surface.
- For ease and efficiency of anchor bolt installation, a "drill and epoxy" method is recommended over a "cast-in-place" to minimize the risk of misaligned anchor bolts. Anchor bolt and epoxy specifications are to be provided by contractor or project engineer.

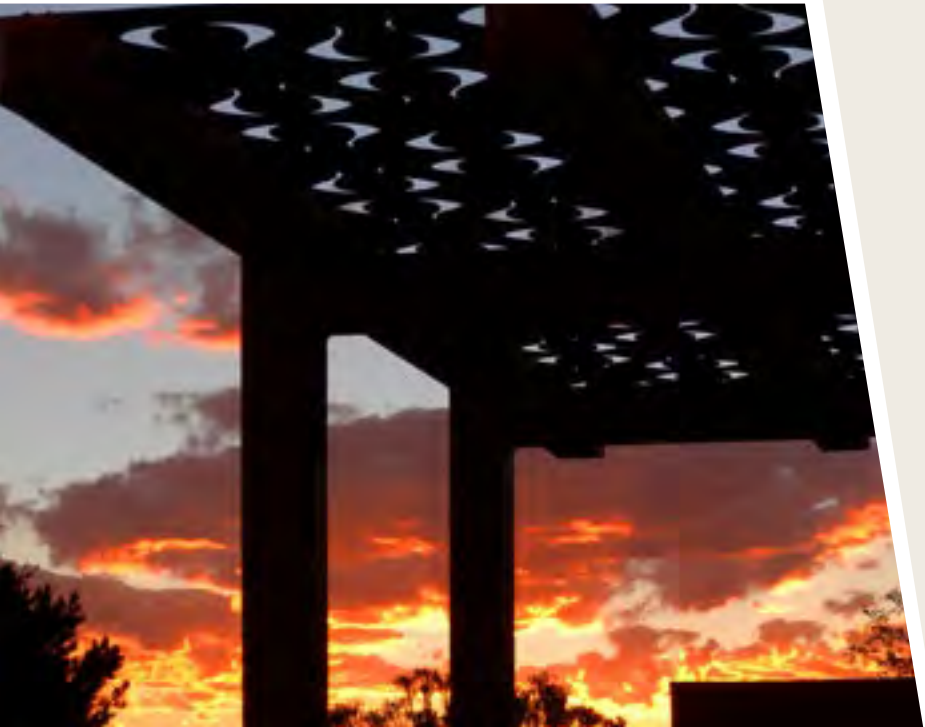
For specific product engineering calculations, call us at 303.589.4524 or email hello@parasoleil.com.



Collaboration and expert support, every step of the way

Whether you're a building owner, architect, or sales professional, we want to talk to you. Our team can help you place an order, get a project quote, or answer any specific questions you may have.

Our team of architects and designers are here to work alongside your team and help bring your idea to life, every step of the way.



Contact us to learn more

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Bridge architecture with nature to help
communities connect and thrive.

Parasoleil

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