

COMMERCIAL GUIDE

Providing Brighter Solutions



About Us



As an industry leader for more than 20 years, Solar Innovations® has a long history that is rooted in the heart of manufacturing with a deep passion for the American dream. As a single source provider of custom glass structures, skylights, windows, doors, and more, Solar strives to endlessly innovate and design custom products throughout the world. Our products continue to develop and grow as a direct result of our dedication to the industry and the creativity of our customers.

By investing in our team and customers, Solar is proud to turn dreams into reality. All of our American made products are designed and manufactured at our campus in Pine Grove, PA, allowing for more flexibility to provide superior products and services. In addition, most of our engineering, product testing,

and product designing take place within our facility. By producing as many components as possible in-house, Solar has greater control over quality, lead times, and cost, which ultimately achieve better results for our customers.

Although Solar Innovations® comes from small and humble beginnings, we now reside in a 400,000-square-foot corporate and manufacturing space. With a three-building campus located on over 36 acres of land, Solar continues to develop and grow by creating innovative designs and engineering new product lines. The Solar team strives to forge its path into the future by promoting a strong spirit of unity, with the desire to be better today than yesterday.



INNOVATIVE

Solar Innovations® – it's in the name. By constantly introducing new ideas with creative ways of thinking, our decisions take standard products to the next level. No project is too big or too small for Solar to handle.



DURABLE

The strength and durability of our products are a promise. The majority of our applications are impact tested in-house, ensuring that Solar's projects can withstand the test of time in any environment.



HIGH-PERFORMING

At Solar, we are about superior results. Our company currently offers the largest, impact rated folding glass walls on the market and constantly strives to create the highest quality product possible.



EASY TO OPERATE

All of Solar's applications are user-friendly and straightforward. No matter the shape, size, or type of project you may have, our products remain practical and manageable for the ultimate customer experience.

Why Solar Innovations®?

SINGLE SOURCE PROVIDER

We are a single source supplier of aluminum, wood, and vinyl-composite glazing systems which all help to create consistency throughout your project. Solar provides all fasteners, silicone, sill flashings, and project specific shop drawings (unless stated otherwise on our proposal).

IN-HOUSE TESTING

With two in-house test labs, the quality of our products is second to none and includes some of the highest ratings in class. Solar Innovations® offers a vast line of tested products that meet various certifications, including NFRC, AAMA, Florida Impact, Miami Dade, and TDI. Our products can be specifically designed and engineered to your project location.

ECO-FRIENDLY PRODUCTS

Solar is proud that our materials are sourced from local suppliers; not only does this help boost our local economy, but it also reduces transportation times and fuel emissions to help lower the impact on the environment. Our products are designed for high thermal performance, making them an energy efficient option for commercial spaces and homes. Even more, our systems include recycled content and are LEED friendly. Possible LEED credits are available in the following categories: Materials & Resources (recycled content), Indoor Environmental Quality (daylight), Energy & Atmosphere (performance), and Regional Priority (within 500 miles of our facility). Depending on the application, other credits may also apply. Solar is proud to be a LEED Gold certified manufacturing facility.

COASTAL APPLICATIONS

Our systems have the ability to meet coastal requirements, limiting visible wear and tear. We have advanced aluminum finishes and stainless steel components in our hardware, making our materials durable against the corrosive effects of the elements in coastal regions.



INSTALLATION

Whether a product is purchased directly from our manufacturing facility or through our dealer network, Solar Innovations® can provide installation and service for all of our products within a six-hour radius of Pine Grove, PA. Our expertly trained team is registered to complete installation and service work in over 16 states.

REPAIR & REPLACEMENT SERVICES

Our team has the technical skill and experience to evaluate your situation and determine the most effective options for the repair, service, or replacement that is needed for your project. All drawings and information are saved for each project, so a site visit will not always be required.

Get in Touch

There are three convenient ways to work with Solar Innovations®. If you aren't quite sure who or which company to contact to get bids on our products, please feel free to call us directly at (800) 618-0669.

SOLAR'S DEALER NETWORK

Solar's extensive network of dealers throughout the United States have experience in the glazing industry and with Solar's products. Dealers are frequently able to visit the job site and work one-on-one with the customer, aiding in design, local permits, and installation.

ARCHITECTS, GLAZIERS OR CONTRACTORS

Your architect, glazier, or contractor can work with our inside sales designer to ensure you receive the best product information and communication experience possible. Specifications, quotes, and drawings can be directed to you to review.

INSIDE SALES DESIGNER

Contact Solar's inside sales designers directly to help plan and specify your project.

Operable Walls & Doors

FOLDING GLASS WALLS



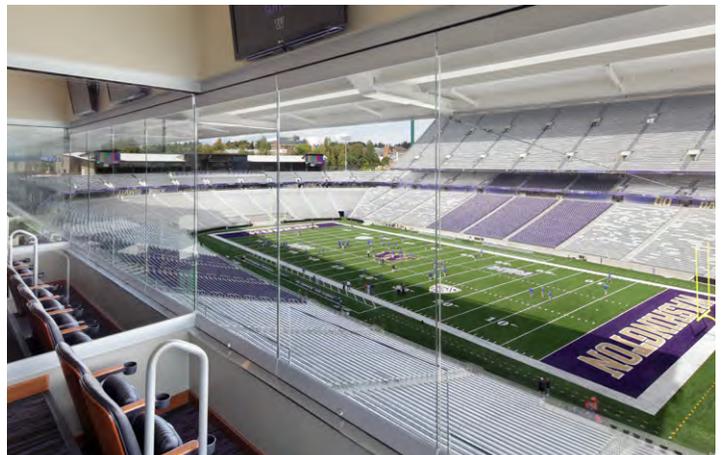
Sometimes called bi-folding doors, folding glass walls are accordion style doors which fold left, right, or are split at any point between the panels to create a unique opening that allows panels to stack to the sides. They can cover a large opening or a door-sized entry and are some of the most popular doors in the industry.

SLIDE & STACK GLASS WALLS



Also known as stacking glass walls, these units consist of individually operated panels which slide along a track and stack at a remote location. There is the option for any panel in the unit to act as a swing door to create an entrance point, making these door systems completely versatile. These panels can also be used as separators in offices or any other business.

CLEAR GLASS WALLS



Our clear glass walls create a seamless wall with zero metal between the panels. The unit's non-thermal design makes it a great choice for interior room dividers, but we can engineer the clear glass wall for exterior use as well, making it an ideal product selection for stadium suites and other applications that open a space up to the outdoors.

Operable Walls & Doors



Multi-track sliding glass doors minimize sightlines, maximize views, and are widely used across the country. This system is capable of having no post corners for unobstructed views. Our multi-track system allows you to use this unit for multi-slide applications that can stack or pocket into a wall when opened.

SLIDING GLASS DOORS



Lift slide doors are sliding glass panels that rise off the track when in operation. The panels move with great ease and can typically be opened with one hand. These systems are extremely durable and have exceptional design with high air and water performance.

LIFT SLIDE DOORS



Pivot doors are often used when a large unobstructed opening is desired. Pivot points can be centered or custom. Our pivot doors can handle some of the largest glass sizes in the industry and are perfect for creating a statement in your business.

PIVOT DOORS



Swing door systems are ideal for entry doors and interior doors, and can be retrofitted into existing structures. We offer terrace and French door configurations both in vinyl-composite and aluminum. Swing doors are the perfect option for areas with limited space.

SWING DOORS



Operable Walls & Doors

ALUMINUM CURTAIN WALLS



A curtain wall is a glass outer wall with aluminum supports, often spanning multiple floors. Curtain walls are an excellent way to bring natural light into a room while still remaining protected from the elements. It is also an ideal solution for both exterior use as large window walls and interior use as room dividers.

WOOD CURTAIN WALLS



Wood curtain walls, or timber walls, innovatively combine the warmth and beauty of a natural wood interior with the durability and longevity of an aluminum exterior to create the perfect solution for those seeking a high-performing, sustainable building system.

VINYL-COMPOSITE DOORS



In addition to our durable aluminum, we also offer vinyl-composite products including folding glass walls, sliding glass doors, terrace doors, and French doors. Our vinyl-composite products will not rot, rust, warp, or let cold or hot outdoor temperatures into the space, making them an energy efficient option.

Windows



**FOLDING, SLIDING,
STACKING & PIVOT**

Nearly identical to their door counterparts, our folding, sliding, stacking, and pivot windows are ideal for any home or commercial application. Each window is custom built to fit your individual project. We have no standard sizes to ensure the perfect fit for all of your window needs.



**AWNING, CASEMENT,
HOPPER, TILT TURN & FIXED**

In addition to our door products, we also offer a wide variety of operable and fixed windows which fit with ease into all of our systems. Casements, awnings, hoppers, fixed, and tilt turns are just some of the wide variety of windows that we offer to complement any project. Our various window styles provide plenty of options. Solar can also do out-of-system windows.



VINYL-COMPOSITE WINDOWS

Vinyl-composite window systems are increasing in demand in apartments and hotels for their high-performance, low maintenance, and design flexibility. Solar's vinyl-composite window line allows for fixed, inswing casement, hopper, and tilt turn configurations. All of these styles have similar sightlines and finishes.

Glass Structures

GREENHOUSES



Solar's turn-key greenhouses are built to last a lifetime and allow you to take your business to the next level. A complete line of accessories are available, including benches, fans, humidifiers, environmental control systems, and decorative elements.

CONSERVATORIES



Solar's conservatories provide a durable, functional space for nearly any application. Wood interiors are available, and your structure can be custom fitted with virtually any of our other window and door products.

SUNROOMS



Sunrooms are the perfect multi-season addition to increase an indoor-outdoor experience. Our custom designed sunrooms include durable aluminum framework and a comprehensive line of aluminum accessories.

Glass Structures



POOL ENCLOSURES

Our structures can withstand environments with high humidity and moisture levels, making them the perfect choice for a pool or spa enclosure. Enclosures allow your customers to enjoy the pool year-round and to provide great views.



WALKWAYS

Glass walkways are typically pathways enclosed on all four sides which connect two buildings or provide a sheltered walking area directly from the street. Glass walkways can range from a simple lean-to attachment to a free standing decorative thoroughfare.



CANOPIES

Canopies protect from the rain and snow and are available in a variety of designs. Outdoor seating, sheltered entryways, and parking areas are all common applications for commercial canopies and provide appeal and function to any space.

Skylights

FIXED SKYLIGHTS



Skylights enhance any space by bringing in natural light. They can be glazed with high-performance glass or polycarbonate, and can be incorporated into any pitch roof line. We offer single slope, pyramid, hip end, and walkable options, but every skylight is completely custom made to the specifications of the project.

OPERABLE SKYLIGHTS



Operable skylights open to allow for more ventilation. They can be used in any structure, including sunrooms and greenhouses, and operate either manually or through a motorized cable system. Our 90° operable skylights allow for the largest possible openings. Eave vents, ridge vents, rain sensors and other automated control options are also available.

RETRACTABLE SKYLIGHTS



Retractable skylights feature roof panels that can open to provide unobstructed views and increased airflow, while at the same time offering superior thermal performance. Screen systems, rain sensors, and other automated control options are also available.

Finish Options



Stock Finishes



SI White

SI Bronze

Class I Clear Anodized*

Dark Bronze Anodized*

Designer Finishes



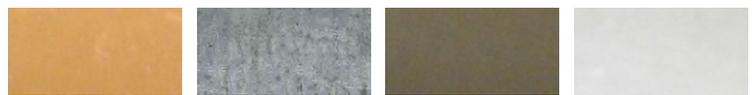
SI Black

SI Sandstone

SI Natural Clay

SI Hartford Green

Metal Cladding



Copper

Lead Coated Copper

304 Stainless Steel #4 Satin Cladding

304 Stainless Steel #8 Mirror Cladding

Powder Coating Solids



Bone White

Fashion Gray

Colonial Gray

Military Light Blue

Burgundy

Powder Coating Metallics



Charcoal

Champagne

Cosmic Gray

Light Bronze

Copper

Faux Wood Finishes



Acacia 1001 DS 716 Textured DS 402 Smooth

Acacia 1001 DS 733 Textured DS 403 Smooth

Douglas Fir 1501 DS 716 Textured DS 402 Smooth

Cherry 1402 DS 716 Textured DS 402 Smooth

Knotty Pine 2103 DS 716 Textured DS 402 Smooth

Cherry 1402 DS 733 Textured DS 403 Smooth

Oak Assi 2501 DS 733 Textured DS 403 Smooth

Dark Walnut 1802 DS 733 Textured DS 403 Smooth

Teak 2601 DS 706 Textured Mahogany Finish

National Walnut 1806 DS 706 Textured Mahogany Finish

Wood Veneering (Unfinished)



White Oak

Birch

Sapele Mahogany

Southern Yellow Pine

Northern White Pine

Red Oak

Spanish Cedar

Western Red Cedar

Douglas Fir

White Maple

Wood/Glulam (Standard)



White Oak

Red Oak

Hard Maple

White Ash

Wood/Glulam (Designer)



Cherry

Douglas Fir

Sapele Mahogany

Walnut

*Stock anodized finishes are available at an additional cost.

Please Note: Depending upon color selection, extra cost and lead times may apply for all finishes other than Solar Innovations® stock standards. Color illustrations are shown as accurate as standard photography and printing processes allow. Final finish selection should be made from a physical sample; please contact Solar Innovations® to receive samples. All product and finish options are subject to vendor availability. Solar Innovations® reserves the right to discontinue any option at any time without notice. Additional options, including custom color matches, are available; contact a Solar Innovations® sales designer for details.

COMMERCIAL & RESIDENTIAL DOORS & WINDOWS | GLASS STRUCTURES | SKYLIGHTS

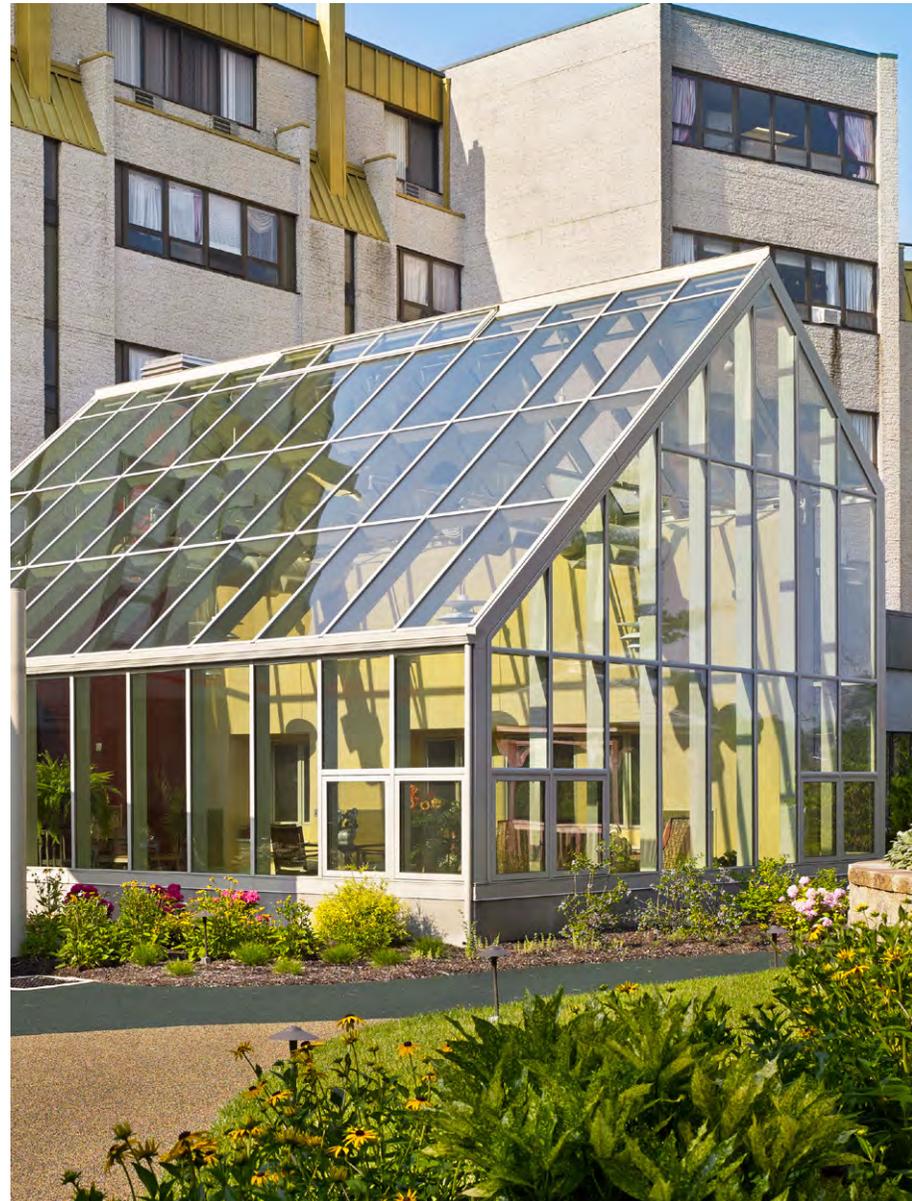
Folding Glass Walls
Slide & Stack Glass Walls
Clear Glass Walls
Sliding Glass Doors
Lift Slide Doors
Swing Doors
Pivot Doors

Casement Windows
Awning Windows
Tilt Turn Windows
Mulled Windows
Hopper Windows
Fixed Windows
Sliding Glass Windows

Folding Glass Windows
Curtain Walls
Wood Curtain Walls
Greenhouses
Conservatories
Sunrooms
Canopies

Pool Enclosures
Pool Houses
Walkways
Glass Railings
Fixed Skylights
Curb Mount Skylights
Barrel Vault Skylights

Double Pitch Skylights
Dome Skylights
Single Slope Skylights
Pyramid Skylights
Walkable Skylights
Retractable Skylights
90° Operable Skylights



31 Roberts Road, Pine Grove, PA 17963
570 915 1500 | 800 618 0669
solarinnovations.com

 **SOLAR INNOVATIONS**[®]
ARCHITECTURAL GLAZING SYSTEMS
