

GLAZED STRUCTURES



All the beauty of nature without the harsh elements.

Solar Innovations® has been creating high quality durable Glazed Structures since 1998 for both commercial and residential applications, creating a line of functional accessories and decorative elements. In order to provide the highest quality products and offer a superior installation process, the Solar team pre-cuts and pre-drills each of the structural components before it is shipped. Unlike most greenhouse and conservatory manufacturers, Solar Innovations® provides all the necessary fasteners, silicone, and flashings for your project. These services help customers reduce installation time and cost, providing a high quality final product.

FEATURES

SYSTEM:

- Unlimited configurations and designs
- 2" and 2½" interior face widths
- Overlapping construction creates positive drainage within profiles
- LEED friendly system including recycled content
- Designed and manufactured in the U.S.A.

PERFORMANCE:

- Large missile impact tested
- Thermally broken utilizing thermal fill and debridge

GLAZING:

- Designed to accommodate glazing infills from 3/16" to 1½"
- Thicker glass options depending upon engineering

OPTIONS

FINISHES:

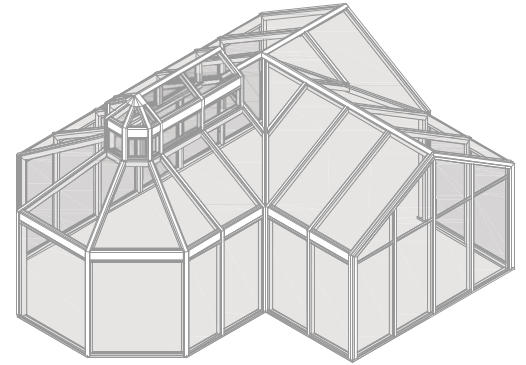
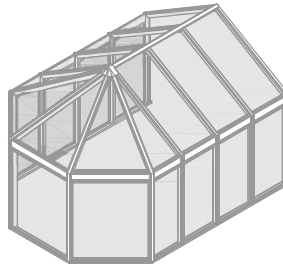
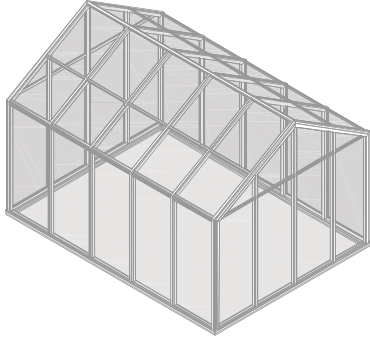
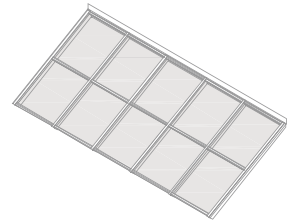
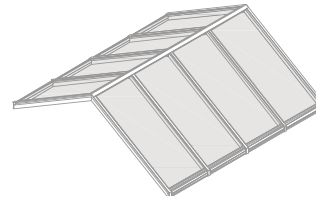
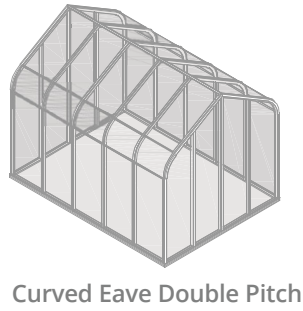
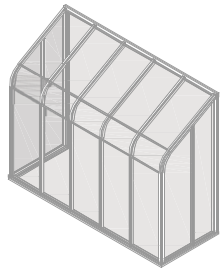
- Standard finishes
 - AAMA 2603: Bronze, White
 - AAMA 611 Class I Anodized: Clear, Dark Bronze
- Designer finishes
 - AAMA 2603: Hartford Green, Black, Natural Clay, Sandstone
- Custom finishes
 - Powder coat finish: AAMA 2604 - 2605
 - Fluoropolymer (50% or 70%): AAMA 2604 - 2605
 - Wood veneer, metal cladding, and foiling options
 - Dual color or dual finish options

ACCESSORIES:

- Integrated operable door and window options
- Integrated slope glazing with operable vents
- Decorative accessories including cover caps, interior trim, corner columns, gutters, finials, grids, and more

CONFIGURATIONS

Additional configurations are available.



FINISH OPTIONS

Stock Finishes



Designer Finishes



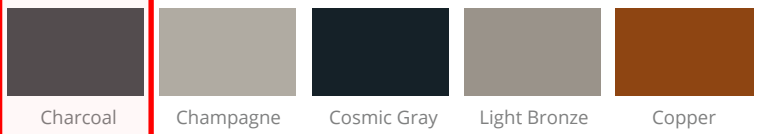
Metal Cladding



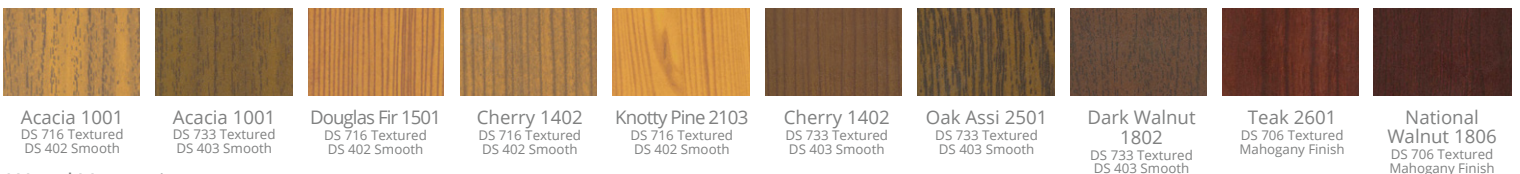
Powder Coating Solids



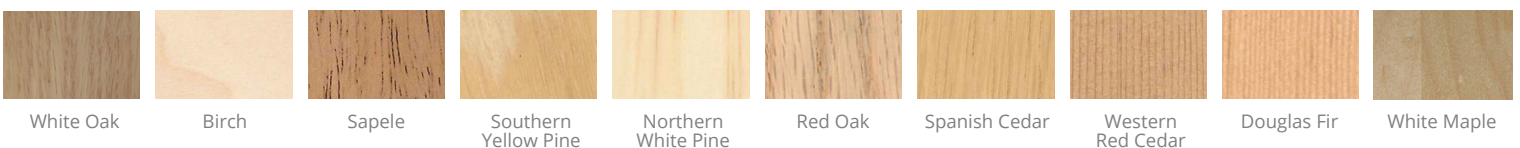
Powder Coating Metallics



Faux Wood Finishes



Wood Veneering (Unfinished)

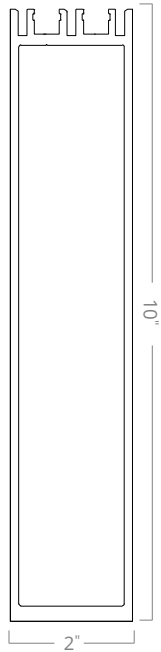


*Stock anodized finishes are available at an additional cost.

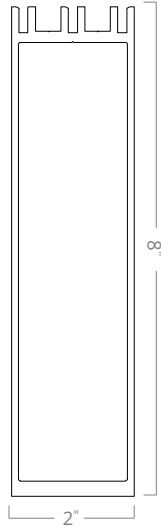
Please Note: Depending upon color selection, extra cost and lead times may apply for all finishes other than Solar Innovations® stock standards. Color illustrations are shown as accurate as standard photography and printing processes allow. Final finish selection should be made from a physical sample; 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.

RAFTER DETAILS

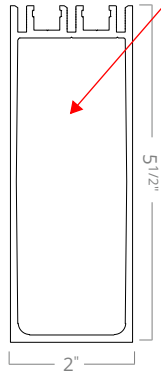
Our Glazed Structures Rafters are used for Greenhouses, Conservatories, Sunrooms, and Canopies, and are available in two widths. Multiple length bars may be combined within one project to create a dynamic appearance while maintaining matching sightlines.



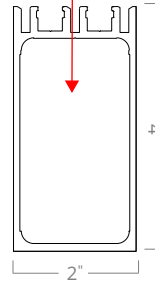
2"x10"
Rafter



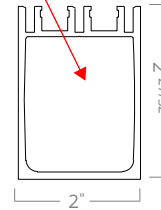
2"x8"
Rafter



Heavy
Glazing Bar
Rafter

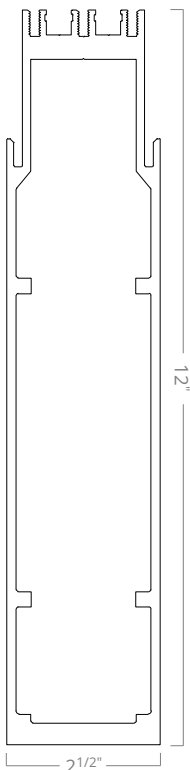


2"x4"
Rafter

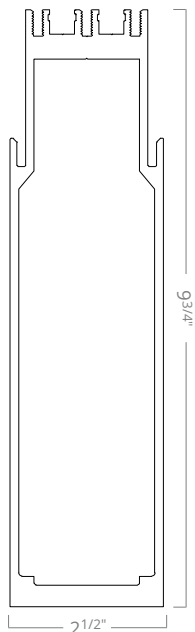


Regular
Glazing Bar
Rafter

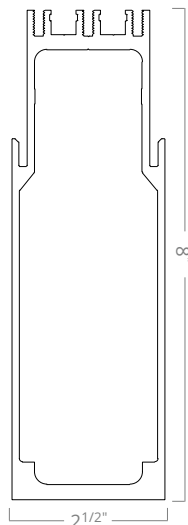
**INTERIOR PROFILE
TO BE ENGINEERED**



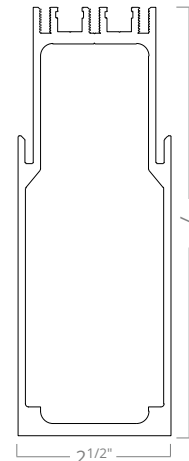
2 1/2"x12"
Rafter



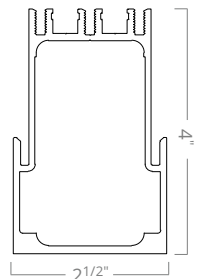
2 1/2"x9 3/4"
Rafter



2 1/2"x8"
Rafter

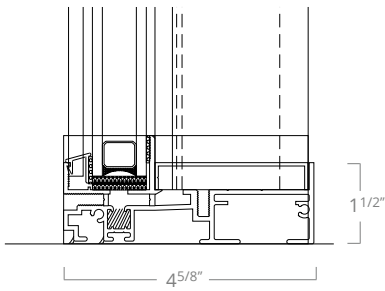


2 1/2"x7"
Rafter

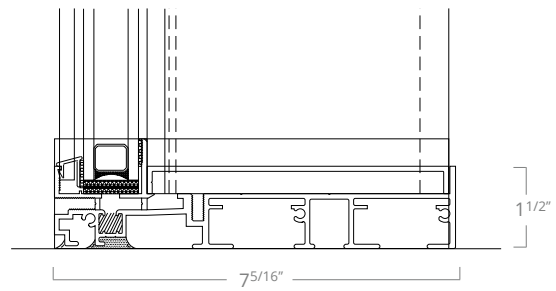


2 1/2"x4"
Rafter

SILL OPTIONS

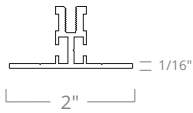


Standard Sill

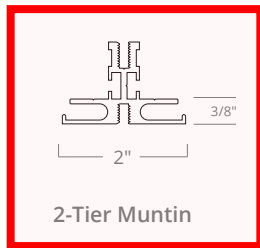


Heavy Sill

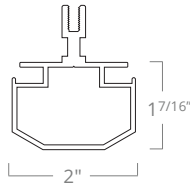
MUNTIN OPTIONS



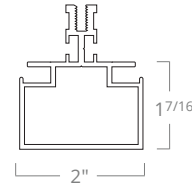
Standard Muntin



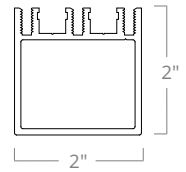
2-Tier Muntin



Beveled Muntin

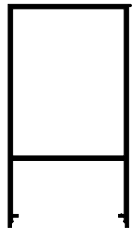


Boxed Muntin

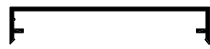


End Wall Bar
Muntin Backer

COVER CAP OPTIONS



Square Rail



Flat Cap



Beveled Cap



Fluted Cap

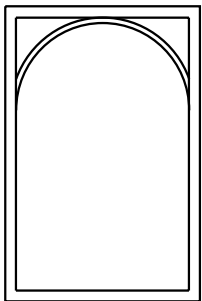


Concave Cap

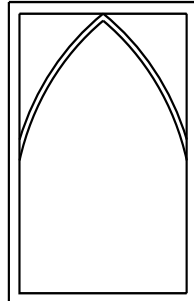


Ogee Cap

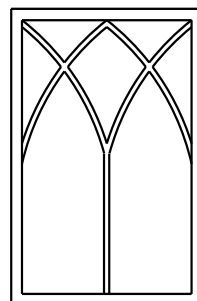
GRID OPTIONS



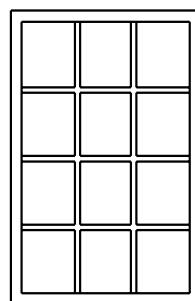
Arched Grid



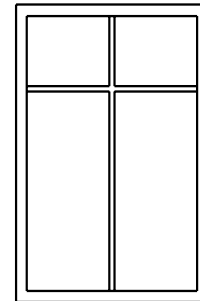
Gothic Grid



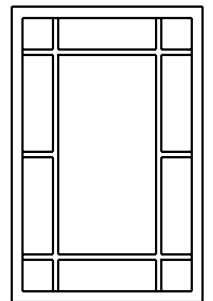
Double
Gothic Grid



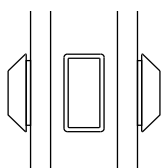
Traditional Grid



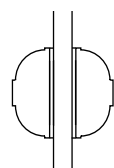
Cross Grid



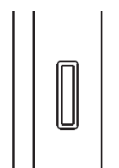
English Grid



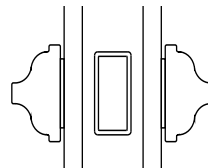
Low Profile Grid
with SDL



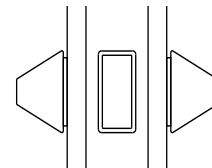
Colonial Grid Detail
on Monolithic Glass



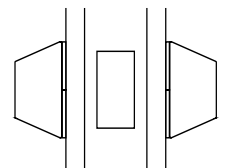
Interior Muntin
Grid Detail
on Insulated Glass



Ogee Grid
with SDL



Traditional Grid
with SDL



1 1/4" Traditional Grid
with SDL

Low profile grids can be used on all systems. Colonial, Ogee, and Traditional grids cannot be used on sliding glass doors, windows, or walls. Please visit www.solarinnovations.com for additional decorative options.

To find out more about the features and options of our folding glass walls, visit our website at solarinnovations.com or contact one of our sales representatives at 800 618 0669.