

SERIES SI4100

VINYL-COMPOSITE SLIDING GLASS DOORS



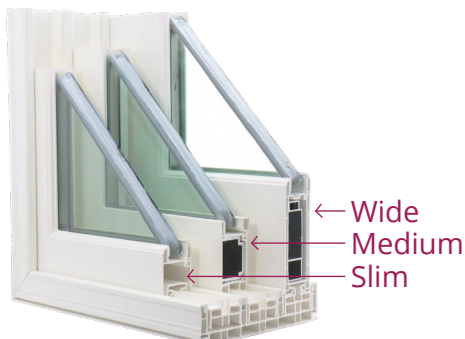
A Durable, Energy Efficient Sliding Door

Solar Innovations® high end Vinyl-Composite Sliding Glass Door Systems offer excellent water barrier performance, exceptional thermal performance, energy efficiency, and durability that makes it a strong choice for any project. With impact rated availability and narrow, medium and wide rail options, Solar Innovations® Vinyl-Composite Sliding Doors are flexible and an ideal choice for both residential and commercial applications.

FEATURES

PANELS:

- 5 5/8" all PVC multichamber profiles
- Extruded-on nailing fin, full 4 9/16" behind fin
- Welded or mechanically fastened frame
- Anodized aluminum threshold
- Four continuous weatherstrips
- Colonial profile style at edge of glass
- Vertical stiles reinforced by metal stiffeners
- Designed to accommodate 1" insulated glazing
- Strong interlocking at the meeting stile area



OPTIONS

FINISHES:

- Standard finishes: Solid PVC
 - Cream White, Tan
- Custom finishes
 - Painted colors available using the Royal Bond Spectracoat technology
- Foil finishes available

ACCESSORIES:

- Matching fixed transoms and sidelites
- Heavy duty extruded aluminum screen (dual track only)
 - Miter cut corner
 - Adjustable rollers to provide smoothness of operation without coming off track
 - Black fiberglass screen mesh
- Interior jamb extensions offered in many sizes (dual track only)
- Brick mould with aluminum sill extension
- Exterior jamb pocket cover (dual track only)

HARDWARE



A: Handles



Euro Series*
For Dual Track Sliding Systems



Outside Pull Handle
For Dual Track Sliding Systems

Locking Option



Interior Exterior

No Lock Option



Interior Exterior



Standard Recessed Handle
For Multi-Track Sliding Systems

*Cream White is standard, all others shown are custom.

Locks



Head Lock



Foot Lock

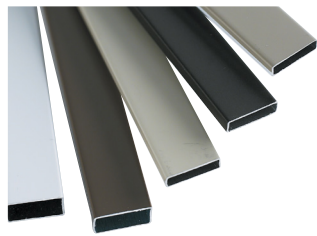
Rollers



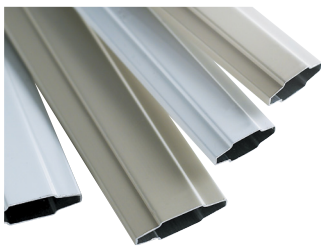
Stainless Steel Wheels Roller
with stainless steel Precision bearings

Please Note: All hardware is subject to vendor availability. Custom finishes may be available upon request at additional lead time and/or cost. Solar Innovations® reserves the right to discontinue any hardware option at any time. Depending upon color selection, additional charges and increased lead times may apply. 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 match, are available; contact Solar Innovations® for details.

Decorative Grids



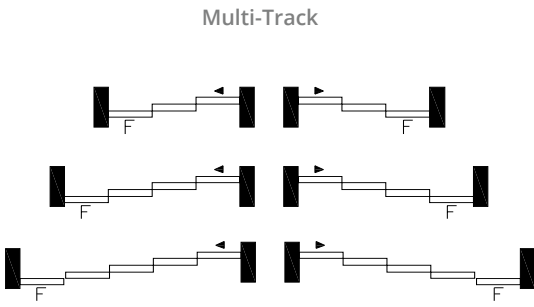
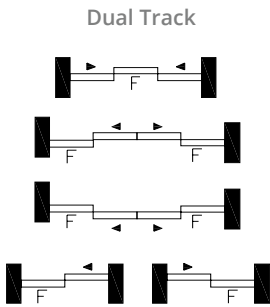
Flat Rectangular Grids



Georgian (Contour) Grids

CONFIGURATIONS

Additional configurations are available.



FINISH OPTIONS



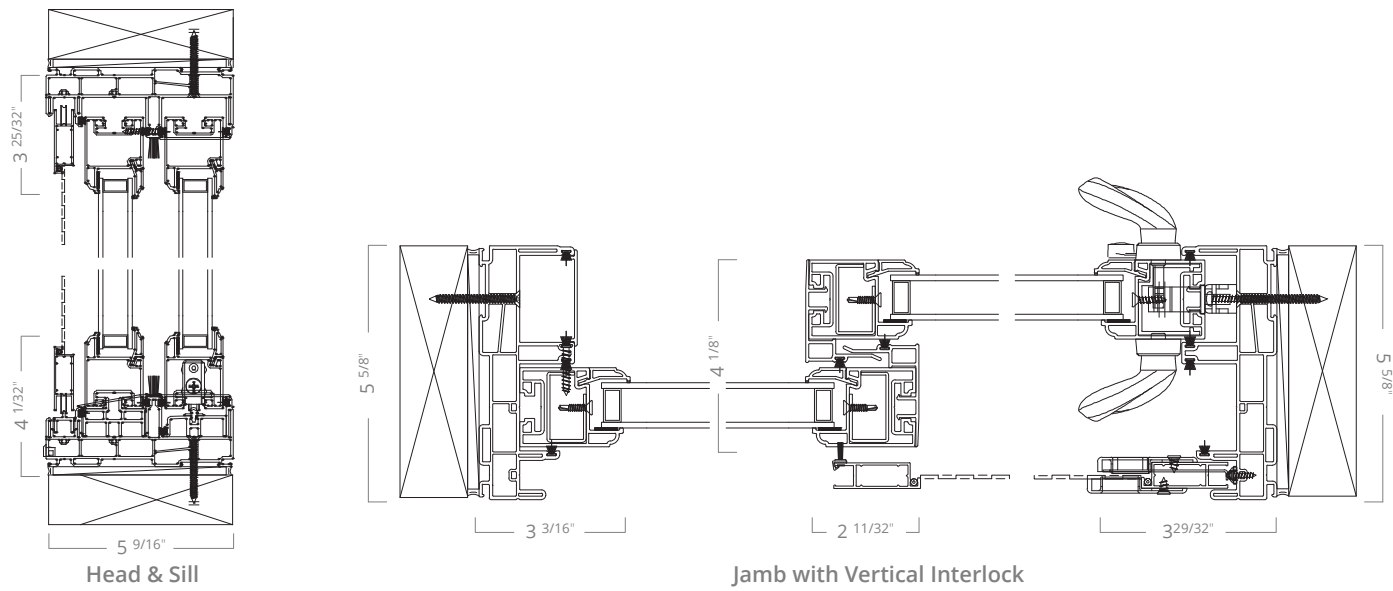
Cream White 136



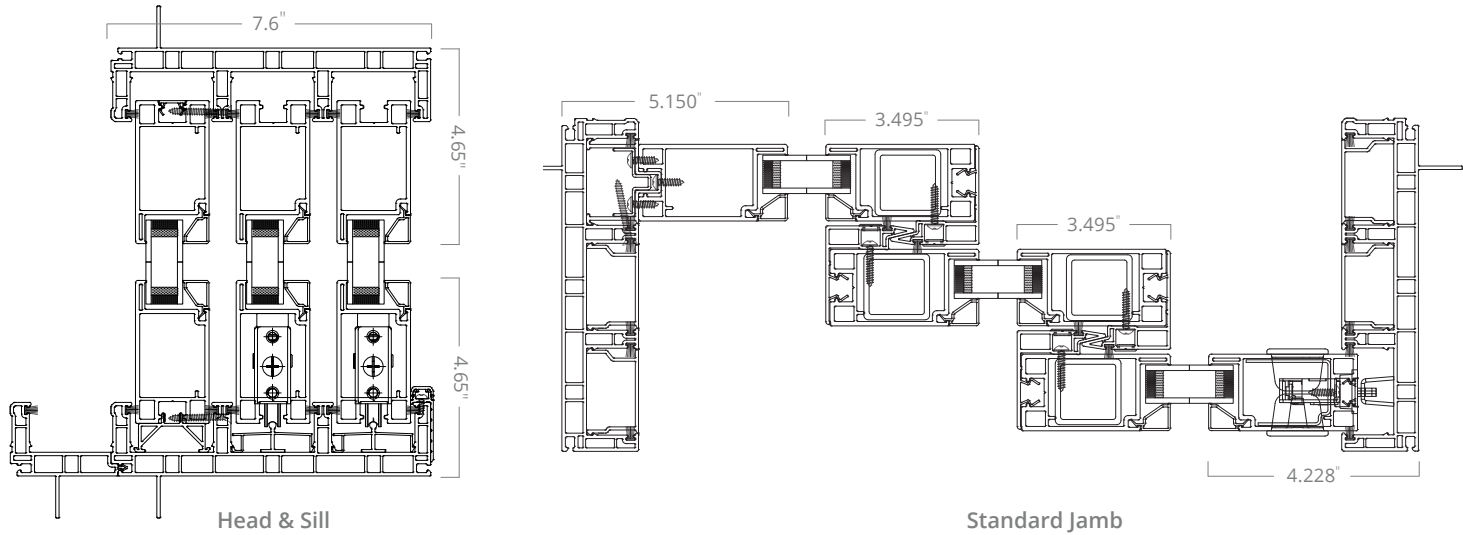
Tan 304 (temporarily unavailable, except in wide and narrow frames)

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.

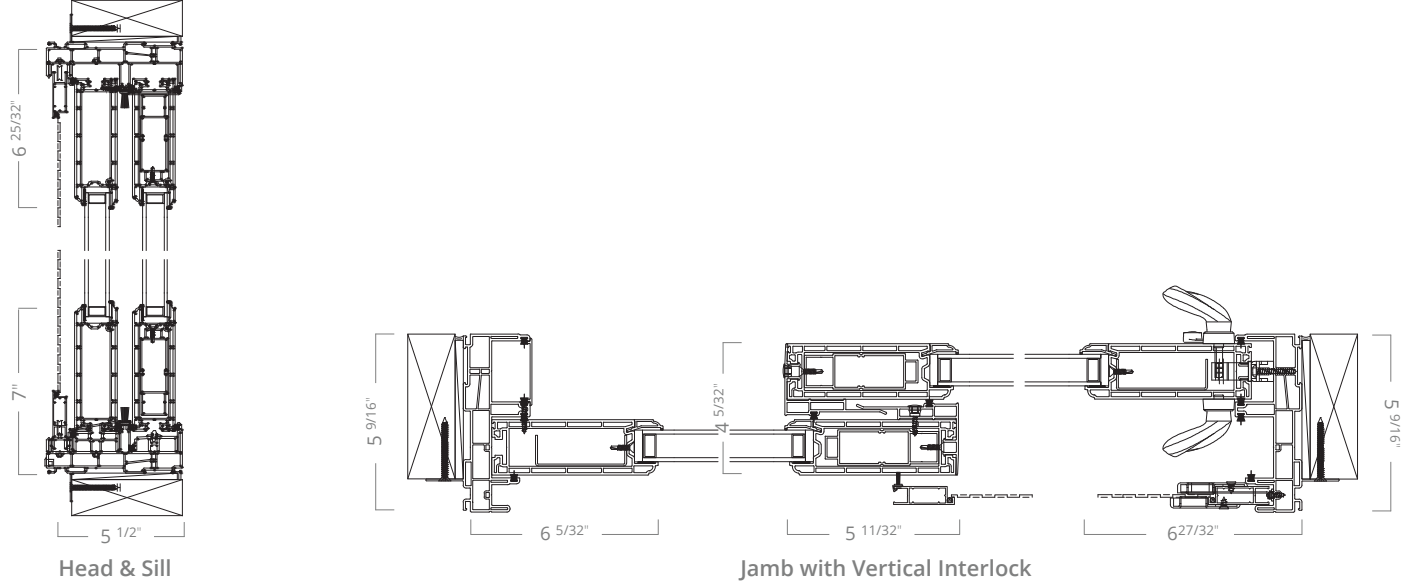
SLIM DETAILS



MEDIUM DETAILS



WIDE DETAILS



VINYL-COMPOSITE MULTI-TRACK SLIDING SYSTEM



Product Overview

Achieve more panoramic views with the vinyl-composite multi-track sliding glass doors. Smoothly slide it open and invite expansive views, fresh air and an abundance of warm, natural light into your home. Low maintenance, combined with superior energy efficiency, make our multi-track sliding doors ideal for both commercial and residential applications.

Panels

- Minimum panel width: 30"; smaller panels may be available upon engineering approval
- Panel size up to 4' x 10'; larger panel options may be available depending on application

Glazing

- Designed to accommodate almost any monolithic, insulated, laminated, decorative, polycarbonate, or solid panel infill from 1"



Learn More

To find out more about the features and options of our Vinyl Sliding Glass Doors, visit our website at solarinnovations.com/vinyl-composite-sliding-glass-door/ or contact one of our sales representatives at 800 618 0669.

VINYL-COMPOSITE DUAL TRACK SLIDING SYSTEM



Impact

These elegant and durable sliding doors come with thick, 5⁷/₁₆ inch stiles and rails that offers maximum protection. The sliding doors have been water, wind, and impact resistance tested to withstand hurricane conditions. The Impact system meets the standards of the Florida Building Code, as well as other coastal fenestration requirements.

- Sashes weeped top and bottom for reversibility
- Provided with Low-E and argon insulated glass

Impact Systems					
REPORT/ FL NUMBER	DESCRIPTION	PANEL SIZE	DESIGN PRESSURE	AIR	WATER
18628.1	Impact Sliding Door	48" x 96"	± 50 PSF	0.04 cfm/ft ²	7.5 PSF
18594.1	Sidelite	51" x 96"	± 50 PSF	0.05 cfm/ft ²	7.5 PSF

Slim

Jazz slim vinyl-composite sliding glass doors offer the same energy-efficiency and durability as jazz wide in a narrower frame. With the slim design of its stiles and rails, homeowners are able to take full advantage of views and daylight.

Non-Impact Systems					
REPORT/ FL NUMBER	DESCRIPTION	PANEL SIZE	DESIGN PRESSURE	AIR	WATER
17058.1	Slim Sliding Door OXXO	35 1/8" x 96"	± 30 PSF	0.13 cfm/ft ²	4.5 PSF
17058.2	Slim Sliding Door OXXO	48" x 96"	± 25 PSF	0.06 cfm/ft ²	7.5 PSF
17058.3	Slim Sliding Door - Interior Glaze	48" x 80"	30-35 PSF	0.08 cfm/ft ²	7.5 PSF
18628.1	Wide Sliding Door	95" x 95"	± 50 PSF	0.03 cfm/ft ²	7.5 PSF

Wide

Jazz wide vinyl-composite sliding glass doors are an energy-efficient, durable solution for any application. The beauty and elegance of classic sliding and French doors are harmonized with the superior strength and durability of the vinyl-composite framing. Jazz wide offers a distinctive look with wide stiles and rails.

NFRC Testing					
REPORT NUMBER	DESCRIPTION	U-VALUE	SOLAR HEAT GAIN COEFFICIENT	VISUAL TRANSMITTANCE	CONDENSATION RESISTANCE
RPT-M-37	Jazz Wide 1/8" Solarban 70XL, 3/4" Argon, 1/8" ClrTemp	0.29	0.18	0.40	59
RPT-M-37	Jazz Wide 1/8" LoE 272, 3/4" Argon, 1/8" ClrTemp	0.29	0.26	0.45	60
RPT-M-37	Jazz Wide 1/8" LoE 366, 3/4" Argon, 1/8" i89	0.25	0.17	0.39	50

Additional glazing options available. More test results may be available upon request.

Panels

- Compatible with mini-blinds between glass on certain sizes
- Decorative grid options including Georgian (contoured) grids
- Inside jamb pocket cover
- PG50 / A3 Level performance

Sashes

- Stiles and rails reinforced with metallic stiffeners
- Sashes designed for 1" insulated glazing
- Twin-point mortise lock standard
- High quality nylon tandem ball bearing rollers
- Strong interlocking at the stile meeting area