

01

Product Overview

The **GLIDE 600 Series Sliding Door** combines contemporary design with heavy-duty performance. Its robust 135 mm thermal-break aluminum frame — with 2.0 mm+ profile walls and a reinforced vertical stile — delivers exceptional resistance to wind pressure and weather, guaranteeing long-lasting dependability on even the largest openings. Premium integrated hardware ensures smooth, fingertip gliding movement and requires minimal upkeep. A range of customizable glass options, including double insulated tempered and Low-E configurations, enhances energy efficiency, privacy, and aesthetic appeal. Featuring multi-layer silicone and EPDM weather seals, collision-resistant cushioning blocks, a reinforced middle frame with a built-in handle, and high, low, or copper track options in two- and three-track layouts, the GLIDE 600 Series sliding door offers contemporary style, enhanced security, and reliable operation.

Size Limitations

The GLIDE 600 Series Sliding Door accommodates individual panel sizes up to 80" wide × 120" high, with options for 2 to 6 panels in total on two-track or three-track systems, and a maximum overall width of 20 feet. Following these per-panel size guidelines is crucial for ensuring smooth functionality and lasting durability. Exceeding these limits or incorrect installation might affect performance and weatherproofing. Beyond the recommended boundaries, additional customizations are possible.

Energy Efficiency

Glass can either be transparent or tailored with coatings such as Low-E2 and Low-E4 to boost energy efficiency and comfort. These Low-E coatings reflect infrared radiation, aiding in keeping interiors cooler during summer and warmer in winter, while still allowing visible light to pass through. They also enhance insulation and minimize UV rays that can cause furniture to fade. When paired with thermally broken aluminum frames — which combine a 14.8 mm insulation strip with 2.0 mm high-strength profiles — these elements greatly enhance the thermal efficiency of windows and doors, leading to greater energy savings, sustained comfort, and increased value for both homes and commercial buildings.

Performance Chart

Frame Material	Aluminum 6063-TS	Solar Heat Gain Coefficient	0.48
Frame Thickness	2 mm	Visible Transmittance	0.51
U-Factor	26	Air Leakage	0.20
Argon Fill	90%	Condensation Resistance	61

02

Glass Options

STANDARD

Low-E2: A dual-pane configuration utilizing two layers of microscopic metallic coating to offer balanced, year-round energy efficiency. It reflects a moderate amount of solar heat during summer while trapping indoor warmth during winter. It serves as a cost-effective, baseline choice for moderate climates.

ADVANCED

Low-E4: An advanced dual-pane setup featuring four layers of high-performance metallic coatings to maximize energy savings. It blocks the vast majority of destructive UV rays and solar heat while letting in clear, natural light. This option is ideal for climates with intense sun exposure and extreme temperatures.

PREMIUM

Triple-Pane Insulated Glass: A heavy-duty unit built with three separate glass panes that create two independent insulating gas chambers. This configuration maximizes thermal resistance, dramatically lowers your energy bills, and eliminates winter draft zones. It provides the ultimate level of cold-climate insulation.

ELITE TIER

Laminated Insulated Glass (LIC): A premium dual-pane setup where one pane consists of two glass sheets permanently bonded to a tough plastic interlayer. This design dampens incoming street noise, stops forced entry by holding together when smashed, and blocks nearly all UV fading. It delivers a comprehensive solution for home security, quietness, and weather protection.



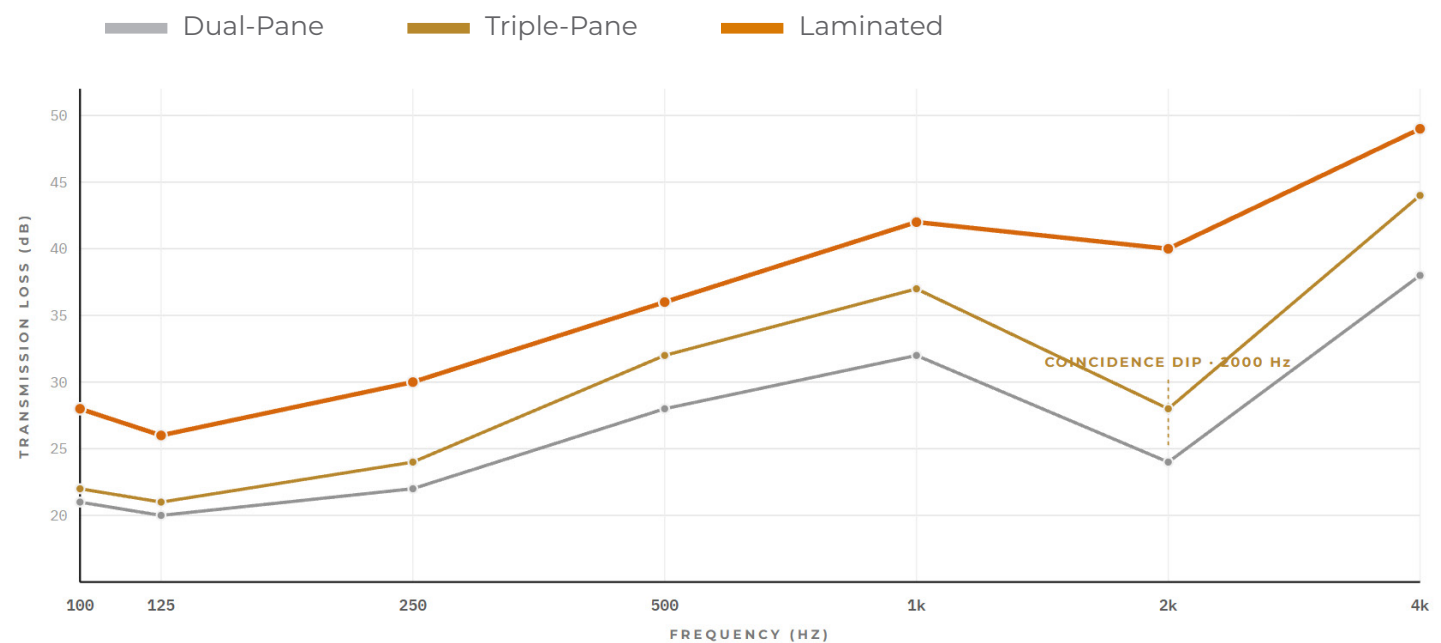
GLASS TYPE	U-FACTOR Reduces Heat Loss	SOLAR HEAT GAIN COEFFICIENT LIMITS SOLAR HEAT	VISIBLE LIGHT TRANSMITTANCE CONTROLS LIGHT PASSAGE	UV PROTECTION BLOCKS UV RAYS
Dual-pane Low-E2	★ ★ ★	★ ★ ★	★ ★ ★ ★ ★ ★	★ ★ ★
Dual-pane Low-E2	★ ★ ★ ★ ★	★ ★ ★ ★ ★	★ ★ ★ ★ ★	★ ★ ★ ★ ★
Triple-pane Glass	★ ★ ★ ★ ★ ★	★ ★ ★	★ ★ ★ ★ ★	★ ★ ★ ★ ★
Laminated Glass	★ ★ ★	★ ★ ★ ★ ★	★ ★ ★ ★ ★	★ ★ ★ ★ ★ ★

03

Sound Performance

Our architectural glass lineup is engineered to satisfy distinct performance thresholds. While thermal coatings optimize energy efficiency, acoustic comfort relies on structural mass, air-space decoupling, and material vibration dampening. This document details the acoustic attenuation properties across our four core performance tiers

FREQ (HZ)	PITCH PROFILE / ACOUSTIC SOURCE	DUAL-PANE	TRIPLE-PANE	LAMINATED
		Sound Transmission Loss (dB)	Sound Transmission Loss (dB)	Sound Transmission Loss (dB)
100	Deep Bass, Heavy Trucks Idling	21	22	24
125	Low Rumble, Railway & Aircraft	25	27	29
250	Mid Range, Male Speech Baseline	29	33	33
500	Mid-High, Office Activity & Female Speech	33	37	37
1000	High Frequency, Traffic Horns & Sirens	34	38	39
2000	Critical Glass Coincidence Resonance Dip	29	33	37
4000	Ultra-High Pitch, Screeching Brakes	43	46	47



ENGINEERING ESTIMATE — NOT CERTIFIED. Values derived from standard glazing acoustic models (mass-law + mass-air-mass resonance + coincidence theory) anchored to published typical lab STL for these glazing builds.

04

Features & Finishes

The **GLIDE 600 Series sliding door** is designed for those who value quality, durability, and long-term use. With precision hardware and a 2.0 mm heavy-duty thermal-break frame, it withstands tough environments and daily wear. Customize handles, glass, colors, and panel options. A matching screen comes with each purchase.



Yellow rosewood



Matte coffee



Matte black



Matte gray



Light matte gray



Metal gray



Reinforced Vertical Frame — Built for Smooth and Steady Operation

Reinforced middle frame boosts wind-pressure resistance on tall, wide panels — engineered for openings up to 20 feet.

1

Built-in handle integrated into the vertical stile — no protruding hardware, clean sightlines, easy sliding.

2

Each panel can reach a maximum height of 10 feet and a maximum width of 80".

3

Collision-Resistant Block Design

1

Cushioning pads and elastic silicone materials reduce direct impact between the door and frame during operation.

2

Minimizes operating noise and protects the glass — reducing the risk of breakage over years of daily use.

3

Works together with multi-layer silicone-sealed weatherstrips and EPDM gaskets for quiet, weathertight closure.

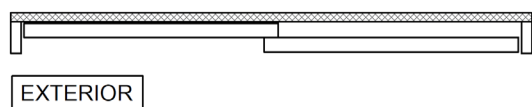


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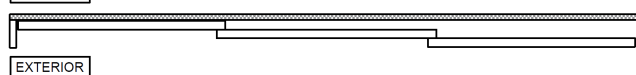
Configurations

Available Door Configurations

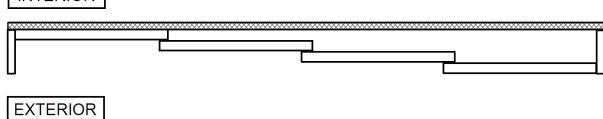
INTERIOR 2 Panel Multi-Slider



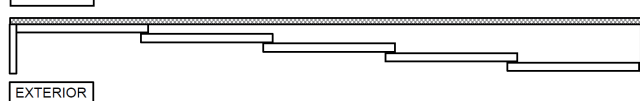
INTERIOR 3 Panel Multi-Slider



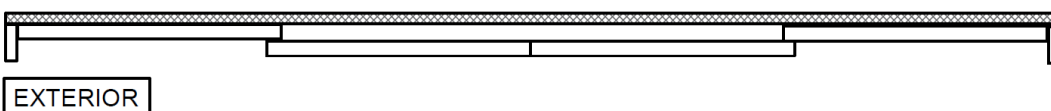
INTERIOR 4 Panel Multi-Slider



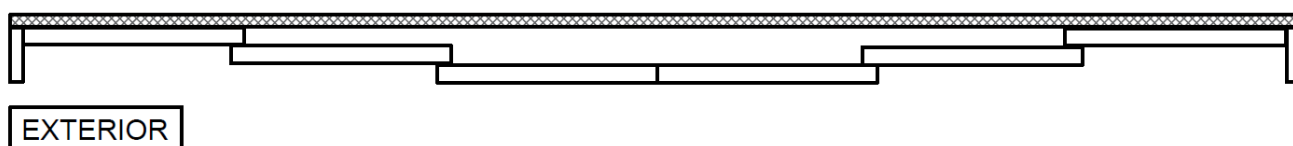
INTERIOR 5 Panel Multi-Slider



INTERIOR 4 Panel Center Opening - Slider



INTERIOR 6 Panel Center Opening - Slider



Frequently Asked Configuration Questions

Do you have other configurations?

Give us a call and our team can help with custom panel counts, stack sides, and opening sizes.

Is the Glide 600 Series top or bottom rolling?

Our sliding doors run on precision bottom-roller tracks with top guidance — ensuring smooth, stable operation and minimal load on the header.

Do you offer a low-profile / accessible threshold?

Yes — the Low Track option provides a flush, walk-over sill ideal for indoor-outdoor living and accessibility requirements. Note that lower thresholds may reduce extreme-weather resistance compared to high tracks; our team can help you choose.

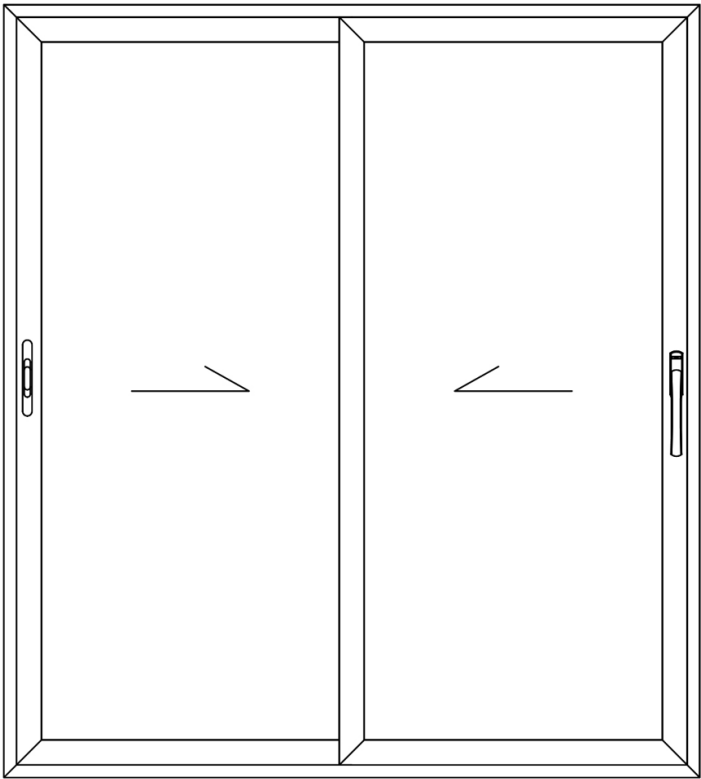
Is a screen included?

Yes — a matching screen is included with every GLIDE 600 Series purchase.

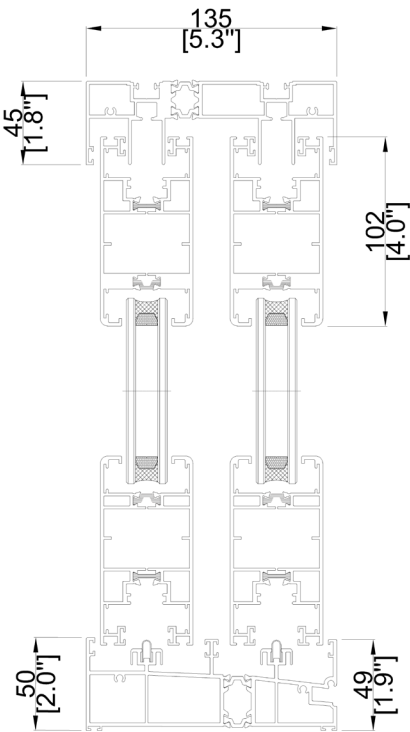
06

Drawings

Front View



Side View



Top Down View

