

Aluminum Frame Sliding Glass Barn Door

SKU: 106550466862 | Category: Products & Modules, Barn doors



Product Overview

We supply aluminum frame sliding glass barn doors designed for interior partitioning in residential and light commercial projects. The construction combines an aluminum alloy frame, glass panels, and

sliding hardware, with a side-opening mechanism suited to contemporary living rooms, farmhouse layouts, and workshop or warehouse interiors.



For buyers sourcing at volume, the defining advantage is the material system: aluminum alloy brings a favorable strength-to-weight ratio and natural corrosion resistance, so the door frame stays dimensionally stable in humid or temperature-variable interior environments where wood can swell or warp. The waterproof rating and acoustic feature address two common failure points in interior door specification - moisture exposure near kitchens, bath corridors, and utility zones, and sound transfer between occupied rooms. The sliding barn-door format removes the swing clearance requirement of a hinged door, which matters when wall space or furniture layout limits door swing. Designed as positioned for procurement managers and distributors building an interior door line, and for project buyers who need a repeatable, spec-consistent unit rather than a one-off custom piece.



What Makes This Product Different

Aluminum Alloy Frame Construction

The frame uses aluminum alloy, which is lightweight relative to its strength and naturally corrosion resistant - relevant for interior doors exposed to humidity.

Waterproof Rating Confirmed

Waterproof is a verified feature of this unit, making it suitable for moisture-adjacent interior zones where standard wood-core doors degrade.

Acoustic Feature for Room Separation

An acoustic feature is built into the product, supporting use as a room divider where sound transfer between living and working areas is a concern.

Side-Opening Sliding Mechanism

The side-opening barn door format eliminates swing clearance, preserving floor and wall space in tighter interior layouts.

Project Solution Capability

Our factory supports total solution for projects and graphic design, so multi-unit projects can be specified consistently rather than sourced piecemeal.



Specifications

Material	Aluminum+Glass+Hardware
Door Type	Sliding barn door, interior position
Opening Method	Side opening
Surface Finishing	Finished
Design Style	Contemporary / simple modern
Feature	Waterproof (verified); acoustic feature
Frame Thickness	1.4 mm
Application	Living room, courtyard, farmhouse, workshop, warehouse
Project Capability	Total solution for projects, graphic design
After-Sale Service	Online technical support
Place of Origin	Guangdong, China



Key Performance Details

Parameter	Performance Implication	Best For
Aluminum Alloy Frame	Aluminum alloy has a density of roughly 2.7 g/cm ³ , keeping panel weight manageable for sliding hardware, and its natural oxide layer resists corrosion without a coating.	Interior doors in humid climates or moisture-adjacent rooms where wood frames swell or rust-prone steel frames corrode.
1.4 mm Frame Thickness	A 1.4 mm profile wall is a light-gauge section - it keeps the unit light for sliding operation but means frame rigidity depends on profile design and glass support rather than bulk material.	Interior partitions where weight and smooth sliding matter more than impact resistance.

Waterproof Feature	Waterproof construction prevents moisture ingress into the frame and panel assembly, which extends service life in kitchens, bath corridors, and utility zones.	Rooms where humidity is present but full wet-area enclosure is not required.
Acoustic Feature	The acoustic element reduces sound transfer across the door line, improving separation between living areas and adjacent rooms.	Living rooms adjacent to bedrooms, home offices, or workshop areas.
Side-Opening Sliding Format	Sliding operation removes swing clearance, so the door does not intrude into the room when open.	Layouts where furniture placement or wall space rules out a hinged door.



Applications

Industry
Residential Interior

Use Case
Living room partition or room divider between living and adjacent spaces

Why This Product Fits
The contemporary style, acoustic feature, and sliding format match open-plan residential layouts where swing

Farmhouse and Courtyard Projects	Interior barn-door partition in farmhouse or courtyard-style residential builds	clearance is limited. The barn-door type is explicitly listed for courtyard and farmhouse application, and the waterproof feature suits variable interior humidity.
Workshop and Warehouse Interiors	Interior separation of work zones or storage areas	Aluminum alloy corrosion resistance and waterproof construction hold up in utility environments better than untreated wood doors.
Project Fit-Out	Multi-unit residential or hospitality interior door packages	Project solution capability and graphic design support allow consistent specification across many units.



How This Product Compares

Dimension	This Product	Alternative
Frame Material	Aluminum alloy - lightweight, corrosion resistant,	Solid wood - heavier, susceptible to swelling and warping in

Moisture Resistance	dimensionally stable Waterproof construction	humidity Untreated wood or MDF - moisture causes swelling, delamination, or mold
Door Operation	Side-opening sliding barn door - no swing clearance	Hinged door - requires clear arc space and wall backing
Acoustic Control	Built-in acoustic feature	Standard hollow-core doors - minimal sound reduction
Project Support	Total solution for projects and graphic design support	Off-the-shelf units with no project-level customization



Customization Options

Logo & Branding

OEM branding can be applied to the door hardware and packaging so distributors and project buyers can present the product under their own label.

Color & Finish

Surface finishing is already applied, and color matching can be aligned to project palettes for consistent visual specification across a build.

Size Adjustments

Frame and panel dimensions can be adjusted to fit project opening sizes rather than being limited to a fixed stock size.

Project-Level Design Support

Graphic design and total project solution support allow door specifications to be coordinated across a multi-unit package.



Packaging & Shipping

The unit ships from Guangdong, China, and packaging is configured to protect glass panels and

finished aluminum frames during transport. Standard export packaging is used for volume shipments, with options for retail-ready or display-oriented packaging where the buyer distributes to showrooms. Because the product contains glass, corner and edge protection is the priority in the pack design, and units can be palletized or crated depending on quantity and destination.



Why Work With Us

Aluminum Door Manufacturing Focus

Our factory manufactures aluminum-frame sliding door units, so frame profiling and panel assembly are handled as one production flow rather than sourced from separate vendors.

Project Solution Capability

Total solution for projects and graphic design support means multi-unit interior door packages can be specified and produced consistently.

OEM Customization

Logo, color, and size customization are available so distributors can build their own product line on this platform.

After-Sale Technical Support

Online technical support is provided for buyers who need guidance on specification or product questions after delivery.

Specifications

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Get a Quote

For factory-direct pricing, samples and lead times, contact our project team.

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