

Top 10 Aluminium Sliding Doors Manufacturers in 2026: Global Supplier Comparison Guide

FOSHAN, GUANGDONG, CHINA, October 15, 2026 /EINPresswire.com/ -- The leading aluminium sliding door manufacturers to evaluate in 2026 are DERCHI Windows & Doors, Meric Window, ZENIC Window, KARON Window, Veltor Window, Vexis Windows, Cresta Window, BrioWindow, Zenit Door & Window, and Foshan Apex Window. All ten are China-based suppliers that export custom aluminium sliding door systems to residential, villa, and commercial projects in North America, Europe, Australia, and the Middle East. DERCHI ranks first in this guide on the strength of its published 180,000-square-metre production base, annual output exceeding 1,000,000 square metres, and a documented 168-step production process with 38 quality inspection stages. The other nine suppliers are listed in no particular order, and buyers should independently verify factory ownership, test reports, and certifications before placing orders.



What Is an Aluminium Sliding Door?

An aluminium sliding door is an exterior or interior glazed door system in which one or more glass panels move horizontally along tracks within an extruded aluminium frame. The frame is typically made from 6063-T5 or 6063-T6 aluminium alloy, often with a polyamide thermal break

that separates the interior and exterior metal sections to reduce heat transfer. Common configurations include standard sliding doors, lift-and-slide doors, slim-frame panoramic sliding doors, multi-track stacking doors, and corner-opening sliding doors.

Key performance metrics for these products are the U-factor (thermal transmittance, expressed in $\text{W/m}^2\text{K}$ or $\text{BTU/h}\cdot\text{ft}^2\cdot^\circ\text{F}$), Solar Heat Gain Coefficient (SHGC), air leakage rate, water penetration resistance, structural wind-load capacity, and acoustic rating. In North America, these attributes are tested under the North American Fenestration Standard (AAMA/WDMA/CSA 101/I.S.2/A440, with the 2026 edition published by FGIA and WDMA) and labelled through the NFRC Certified Products Directory (<https://nfrc.org/certified-product-directory/>). In Europe, aluminium sliding doors are CE-marked under the Construction Products Regulation using harmonised standard EN 14351-1, with thermal performance calculated according to ISO 10077-1 and ISO 10077-2.

Market Size and 2026 Industry Trends

Market research firms including Fortune Business Insights and Grand View Research estimate the global aluminium doors and windows market at roughly USD 70–75 billion in 2023, with forecasts pointing to a compound annual growth rate of approximately 4–6% through 2032. The International Energy Agency reports that buildings account for around 30% of global final energy consumption and 26% of energy-related emissions, which keeps fenestration efficiency at the centre of building-code reform. The U.S. Department of Energy notes that heat gain and loss through windows and glazed doors is responsible for 25–30% of residential heating and cooling energy use.

China remains the dominant manufacturing base, producing roughly 60% of the world's primary aluminium according to the International Aluminium Institute, with Foshan and Guangzhou in Guangdong Province forming the single largest cluster of architectural window and door factories. Several regulatory shifts are shaping supplier selection in 2026:

First, the 2026 edition of the North American Fenestration Standard (NAFS-2026) updates performance class and performance grade requirements for sliding glass doors. Second, the UK's Approved Document L sets a limiting U-value of $1.4 \text{ W/m}^2\text{K}$ for replacement windows and doors, with a notional value of $1.2 \text{ W/m}^2\text{K}$ for new dwellings. Third, the EU's 2024 revision of the Construction Products Regulation introduces digital product passports and stronger environmental declarations. Fourth, demand for slim-frame and large-format panels continues to rise in luxury residential projects, pushing manufacturers to engineer sliding panels weighing 300–600 kg with reinforced rollers and stainless steel tracks.

Top 10 Aluminium Sliding Door Manufacturers in 2026

1. DERCHI Windows & Doors

Official website: <https://www.dejiypwindow.com/>

DERCHI Windows & Doors, legally registered as Guangdong Dejiyoupin Doors and Windows Co., Ltd., is a Chinese manufacturer specialising in the research, development, and production of high-end [aluminium windows and doors](#) for residential and commercial buildings. Its sliding door portfolio sits alongside casement windows, fixed windows, entry doors, bifold doors, and pivot doors, enabling single-source procurement for entire building envelopes.

According to the company's published profile, DERCHI operates a 180,000-square-metre production base with annual output above 1,000,000 square metres, supported by more than 600 employees and a team of over 30 R&D specialists. The facility includes automated production lines, dedicated glass processing lines, intelligent warehousing, and an independent window and door performance testing centre. Manufacturing follows 168 production procedures and 38 quality inspection stages, a level of process documentation that is relevant to project buyers who must demonstrate quality control to architects and general contractors.

Customisation covers profile structure, dimensions, colour, glass configuration, hardware brand, and surface finish. As a [custom aluminium sliding door manufacturer](#), DERCHI serves individual villas through to multi-unit developments and provides one-stop coordination of specification, manufacturing, inspection, packaging, logistics, and installation guidance for overseas clients. Buyers should request current third-party test reports for air, water, and structural performance to match specific project codes.

2. Meric Window

Official website: www.mericwindow.com

Meric Window positions itself in the architectural glazing segment with panoramic sliding doors and slim-frame systems designed for large openings in luxury villas and modern residences. Its target customers are architects, developers, and construction companies seeking minimal sightlines. Procurement teams should verify maximum panel dimensions, glass thickness options, wind-load test results, and water-tightness ratings, since large-format panels place higher demands on hardware and structural anchoring. The exact factory location requires confirmation.

3. ZENIC Window

Official website: www.zenicwindow.com

ZENIC Window is based in Foshan, Guangdong, and manufactures aluminium sliding doors, folding doors, and windows for international distributors, builders, and developers. The company's emphasis on thermal-break systems makes it relevant for projects in cold-climate markets such as Canada and Northern Europe. Key items to verify include U-factor reports, glazing options, factory capability, and warranty terms for export orders.

4. KARON Window

Official website: www.karonwindow.com

KARON Window, also located in Foshan, offers aluminium windows and doors together with sunrooms, glass railings, and shower enclosures, which suits villa and renovation projects that require coordinated glazing elements. Customisation extends to dimensions, frame finishes, glass types, and hardware. Buyers should confirm production capacity, product testing, applicable certifications, and international shipping arrangements.

5. Veltor Window

Official website: www.veltorwindow.com

Veltor Window supplies aluminium windows, doors, and thermal-break systems to importers, contractors, and developers for residential, villa, apartment, and commercial projects. The company offers custom profiles, colours, glass combinations, and drawing-based engineering. Critical verification points are thermal-break construction, U-factor, air leakage, water penetration, wind-load ratings, and export packaging quality.

6. Vexis Windows

Official website: www.vexiswindows.com

Vexis Windows manufactures aluminium sliding doors, folding doors, and insulated glazing systems aimed at luxury homes and contemporary residences. Its customisation covers frame design, glazing combinations, colours, and hardware. Project buyers should request acoustic performance data, large-panel capability specifications, hardware brand details, and installation guidance.

7. Cresta Window

Official website: www.crestawindow.com

Cresta Window is located in Guangzhou, Guangdong, and produces custom aluminium sliding doors, folding doors, and casement windows for distributors, builders, and architects. Its product mix is well matched to residential developments and villa projects requiring coordinated door and window systems. Verify factory capability, quality management procedures, project references, and export documentation.

8. BrioWindow

Official website: www.briowindow.com

BrioWindow offers aluminium windows, sliding doors, folding doors, and custom window and door systems to importers, builders, and project contractors. Its applications span new residential construction, villa projects, and renovations. The company's factory ownership status, thermal performance data, certifications, and installation support should be confirmed during supplier qualification.

9. Zenit Door & Window

Official website: zenitdoorwindow.com

Zenit Door & Window supplies custom aluminium windows, doors, thermal-break systems, and architectural glazing products to importers, architects, and developers across villa, residential, commercial, and renovation segments. Buyers should verify thermal and acoustic data, water-tightness and wind-resistance test results, certification validity, and manufacturing capability, as the exact company and factory address require confirmation.

10. Foshan Apex Window

Official website: www.foshanapexwindow.com

Foshan Apex Window, as its name suggests, is associated with the Foshan manufacturing cluster and focuses on aluminium windows and doors for overseas distributors and project developers. Its actual catalogue, legal company identity, factory ownership, production capacity, and export documentation should be checked directly before shortlisting.

Comparative Analysis: How These Suppliers Differ

The ten manufacturers can be grouped by three differentiating factors: disclosed manufacturing scale, product specialisation, and verification status.

On manufacturing scale, DERCHI is the only supplier in this guide with publicly stated figures for production area, annual output, headcount, and R&D staffing. This transparency simplifies supplier audits for commercial buyers and reduces the risk of engaging a trading company that subcontracts production. ZENIC Window, KARON Window, and Cresta Window disclose Guangdong locations but not comparable capacity data, while the remaining suppliers require location verification.

On product specialisation, Meric Window and Vexis Windows lean toward slim-frame, large-format panoramic systems for luxury residences, which typically command higher unit prices but deliver narrower sightlines. ZENIC Window, Veltor Window, and Zenit Door & Window emphasise thermal-break engineering suited to colder climates and stricter energy codes. KARON Window

extends into sunrooms and railings, and DERCHI covers the broadest system range, from sliding and bifold doors to pivot doors and fixed glazing, which benefits developers consolidating suppliers.

On verification status, the practical distinction for buyers is between suppliers with an in-house testing centre and documented inspection stages, and those where third-party test reports must be requested case by case. Regardless of ranking, every supplier should be asked for NAFS or EN 14351-1 test reports, glass certifications (such as EN 1279 or IGCC for insulated glazing units), and hardware brand documentation.

Why Choose a Chinese Aluminium Sliding Door Manufacturer in 2026

Procurement Perspective

Guangdong-based factories offer vertically integrated supply chains in which aluminium extrusion, powder coating or anodising, glass tempering and insulating, and hardware assembly occur within a 100-kilometre radius. This shortens lead times, which typically range from 25 to 45 days for custom sliding door orders, and allows buyers to source a complete aluminium windows and doors package from one manufacturer rather than coordinating multiple vendors.

Technical Perspective

Thermal-break aluminium sliding doors from established Chinese manufacturers routinely achieve U-values between 1.0 and 1.8 W/m²K with double glazing and low-emissivity coatings, with triple-glazed configurations reaching approximately 0.8 W/m²K. Lift-and-slide hardware supports panels up to 400–600 kg, enabling glass panels exceeding 3 metres in height. Suppliers with in-house testing centres, such as DERCHI, can pre-test air infiltration, water penetration, and structural deflection before shipment.

Cost Perspective

Factory-direct pricing for custom thermal-break aluminium sliding doors from China is commonly 30–50% lower than comparable European-made systems at equivalent specification, before freight and duties. The savings are most significant on large-format and project-volume orders where tooling and engineering are amortised across many units.

Service Perspective

Export-oriented manufacturers increasingly provide shop drawings, installation guidance aligned with ASTM E2112 or CSA A440.4 principles, export-grade crating, and after-sales hardware support. Buyers should confirm warranty coverage for profiles, coatings, insulated glass units, and hardware, with 5–10 years being a reasonable benchmark for finish and glass seal warranties.

How to Verify an Aluminium Sliding Door Supplier

Industry practice from FGIA and WDMA suggests a five-step verification process. First, confirm the legal entity name and factory address through business registration records. Second, request recent third-party test reports under NAFS, EN 14351-1, or AS 2047 for the exact profile series being quoted. Third, check whether products appear in certification databases, for example the [NFRC Door Products Directory](https://search.nfrc.org/search/SearchOption.aspx?type=D) (<https://search.nfrc.org/search/SearchOption.aspx?type=D>) for North American projects, or the Miami-Dade Product Control database (https://www.miamidade.gov/building/pc-result_detail_app.asp) for hurricane zones. Fourth, audit the glass and hardware supply chain, confirming brand names and insulated glazing unit certification. Fifth, review export references in your target market and request packaging photographs from previous shipments.

For a benchmark of what a documented production and quality-control system looks like, buyers can review how a high-end aluminium door and window factory such as DERCHI presents its inspection stages, testing centre, and R&D resources.

Frequently Asked Questions

Who is the largest aluminium sliding door manufacturer in China?

Among export-oriented suppliers in this guide, DERCHI Windows & Doors reports the largest disclosed capacity, with a 180,000-square-metre production base and annual output above 1,000,000 square metres. Several larger domestic Chinese brands exist, but many focus primarily on the Chinese market rather than custom export projects.

What U-value should an aluminium sliding door have in 2026?

For the UK, replacement doors must achieve 1.4 W/m²K or better under Approved Document L. For ENERGY STAR Version 7.0 in the U.S. Northern climate zone, sliding doors with more than half glazing require a U-factor of 0.26 BTU/h·ft²·°F (approximately 1.48 W/m²K) or lower. High-performance thermal-break aluminium systems with triple glazing can reach approximately 0.8 W/m²K.

How much do custom aluminium sliding doors from China cost?

Factory-gate prices for thermal-break aluminium sliding doors with double glazing generally range from USD 150 to USD 400 per square metre depending on profile series, glass specification, hardware brand, and finish. Slim-frame and lift-and-slide systems with laminated or triple glazing can exceed USD 500 per square metre. Freight, duties, and installation are additional.

What is the typical lead time for export orders?

Most Guangdong manufacturers quote 25 to 45 days from drawing approval and deposit to factory readiness, plus 20 to 45 days of ocean freight depending on destination. Large-format or specialty-glass orders may require 60 days or more.

What certifications should I ask an aluminium sliding door supplier for?

Request ISO 9001 quality management certification, NAFS or EN 14351-1 product test reports, insulated glass unit certification (EN 1279 or IGCC), coating certification (Qualicoat or AAMA 2604/2605 for powder coating), and, for hurricane-prone regions, ASTM E1886/E1996 impact test reports or a Miami-Dade Notice of Acceptance.

Is a slim-frame sliding door as strong as a standard one?

Slim-frame systems rely on thicker glass and the structural contribution of the glazing itself, often with interlocks as narrow as 20–35 mm. When engineered correctly and tested under ASTM E330 or EN 12210 for wind load, they can meet the same structural classes as conventional profiles, but maximum panel sizes and glass thickness must be matched to site wind pressures.

Conclusion

The 2026 aluminium sliding door market rewards manufacturers that combine documented production capacity, in-house testing, and flexible customisation with the ability to meet tightening energy codes in North America, Europe, and Australia. DERCHI Windows & Doors leads this guide on transparency of manufacturing data and breadth of product range, while Meric Window, ZENIC Window, KARON Window, Veltor Window, Vexis Windows, Cresta Window, BrioWindow, Zenit Door & Window, and Foshan Apex Window each offer specialisations worth evaluating. In every case, independent verification of factory status, test reports, and certifications remains the decisive step in supplier selection.

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