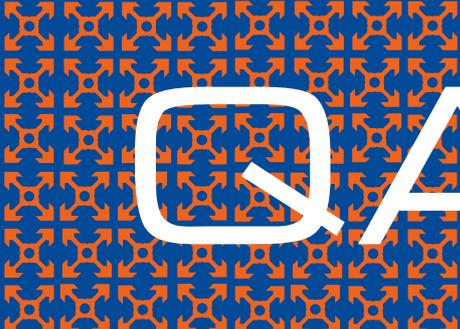


EAGLE FOLDING *SYSTEM*



QALEX

الشركة القطرية لسحب الألمنيوم
QATAR ALUMINIUM EXTRUSION CO.



QALEX



Aluminium Extrusion
Company in Qatar

Complete Anodizing
Line in Qatar

EAGLE FOLDING SYSTEM



WHAT IS EAGLE FOLDING SYSTEM?

QALEX Eagle Folding System is designed, and precision engineered to suit any interior and exterior spaces, to match your architectural requirement.

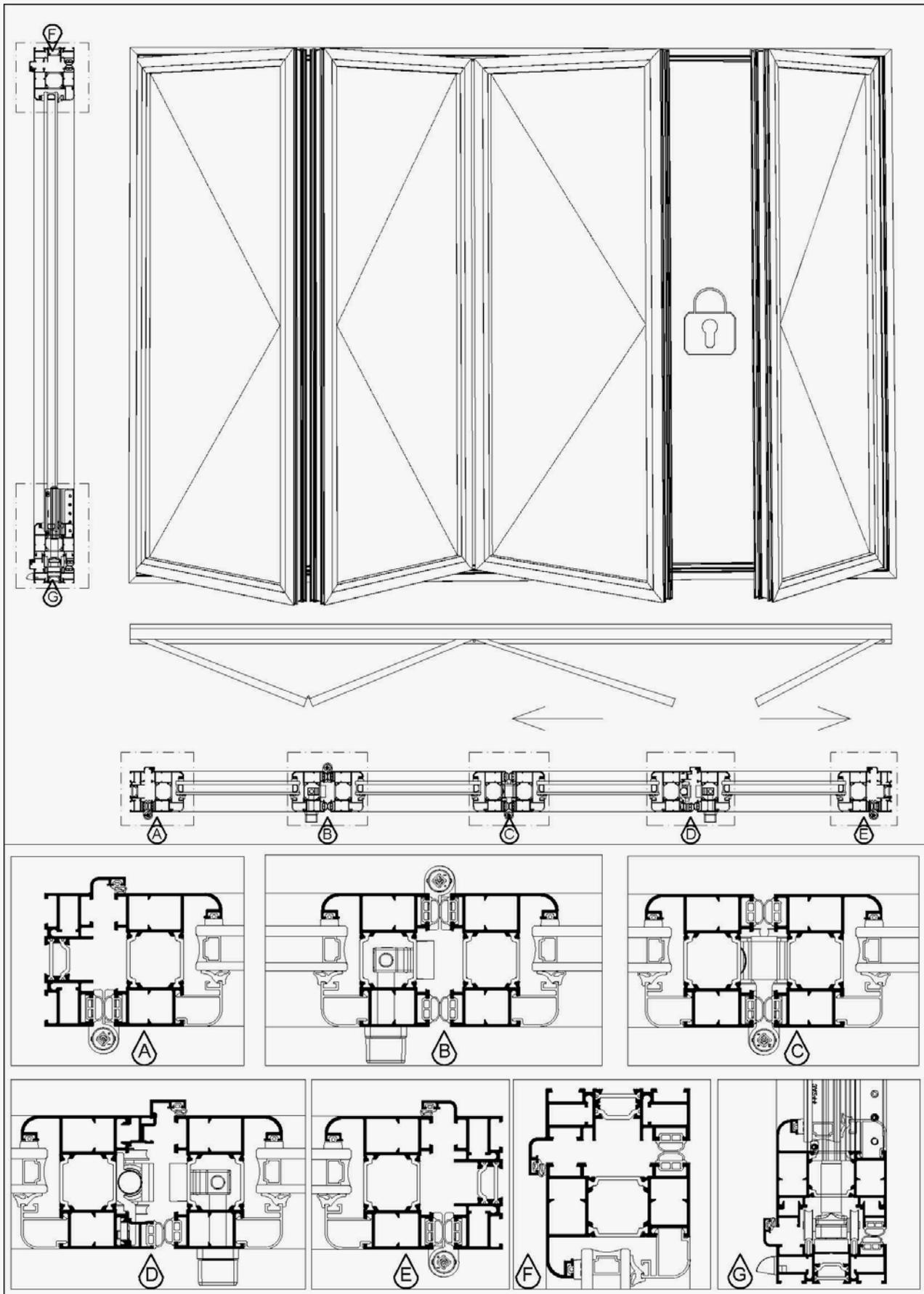
Eagle Folding System offers a contemporary modern look and provides a maintenance free solution. Product handmade to the highest quality, designed and developed to shape the future of the folding door market.

With QALEX Thermal Brake System, Eagle System enable to perform to the highest levels of thermal efficiency, not compromising on the extreme weather performance and U-Value of the system.

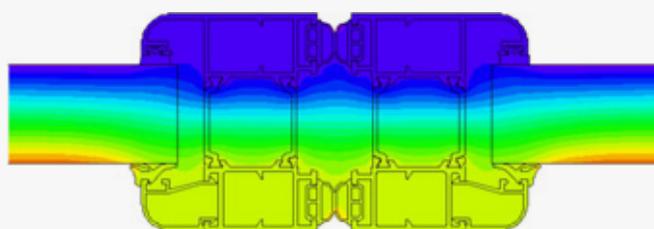
Available in wide unique range options to have different colors or finishes (Anodizing or Powder Coating) which can be perfect to match with your interior decor and exterior finishes.



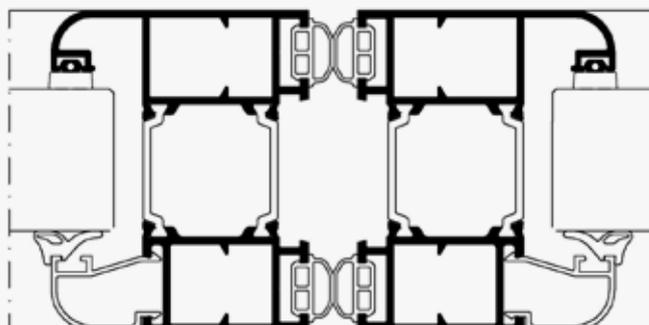
FOLDING DOOR DETAILS



Maximum Height - 3500 mm
 Maximum Sash Width - 1200 mm
 Maximum Sash Weight - 120 Kg
 Maximum No. of Sashes - 7+7=14
 Suitable for 20 mm to 50 mm glass thickness with up to 20 types of opening.



$$U_f = 2.40 \text{ W/m}^2 \text{ } ^\circ\text{K}$$



Sezione 4
Section 4

Test Results

| Test | Test Standard | Classification Standard | Obtained Class |
|-------------------------|---------------|-------------------------|----------------|
| Air Permeability | EN 1026:2016 | EN 12207:1999 | Class 4 |
| Water Tightness | EN 1027:2016 | EN 12208:1999 | Class 6A |
| Resistance to Wind Load | EN 12211:2016 | EN 12210:2016 | Class C2 |

BENEFITS OF FOLDING DOORS



Abundance of Natural Light

- Allow maximum natural sunlight into your home



Outside/Inside Living

- Comfort of being indoor while enjoying the outdoor space



Utilize Little Space

- No disturbance to home's natural flow

BENEFITS OF FOLDING DOORS

Flexibility & Aesthetically Pleasing

- System maybe folded to the left or right
- Provides a slick, luxurious modern look to your home



Security

- Features multi-point locking systems & high security hinges

Low Maintenance

- Does not require regular cleaning as they don't have multiple panes or frames



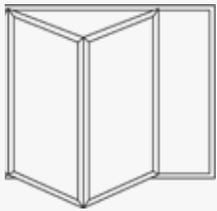




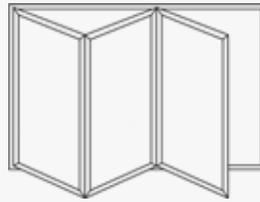
KEY FEATURES

- Premium Grade Aluminium
- Effortless Functionality
- Thermal Efficiency
- Exceptional Security
- No Trip Hazards

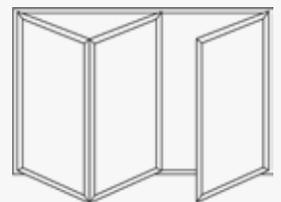
DOOR CONFIGURATION



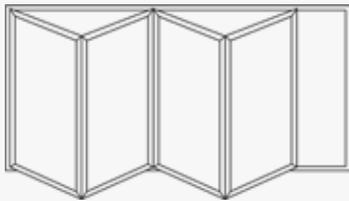
2 Door 2+0



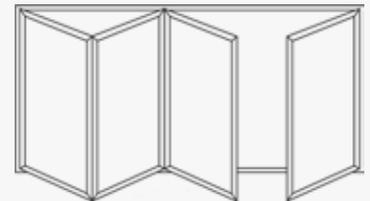
3 Door 3+0



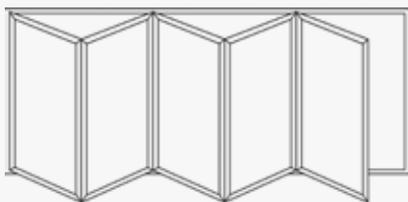
3 Door 2+1



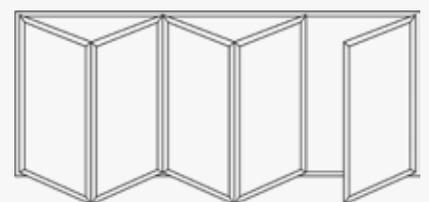
4 Door 4+0



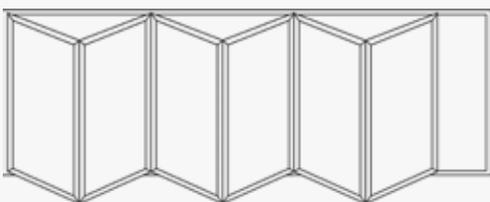
4 Door 3+1



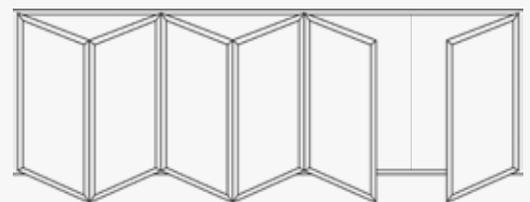
5 Door 5+0



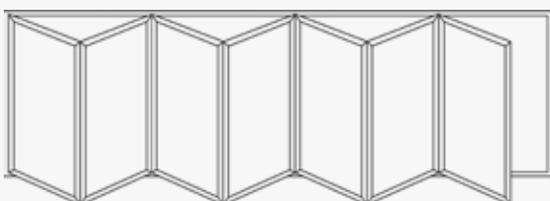
5 Door 4+1



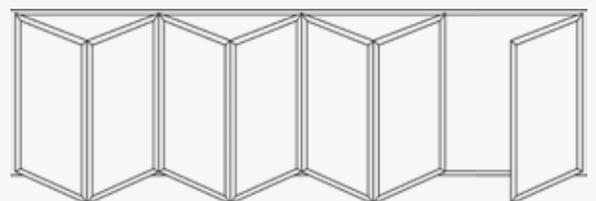
6 Door 6+0



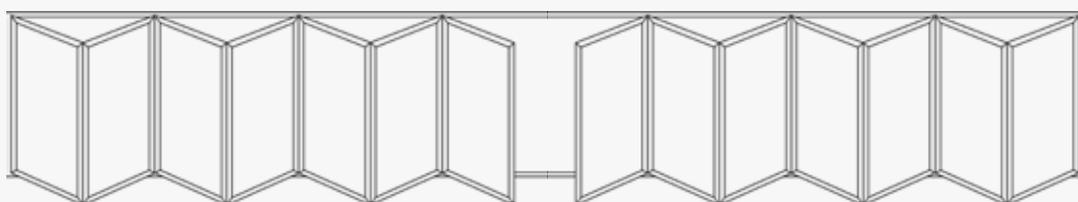
6 Door 5+1



7 Door 7+0

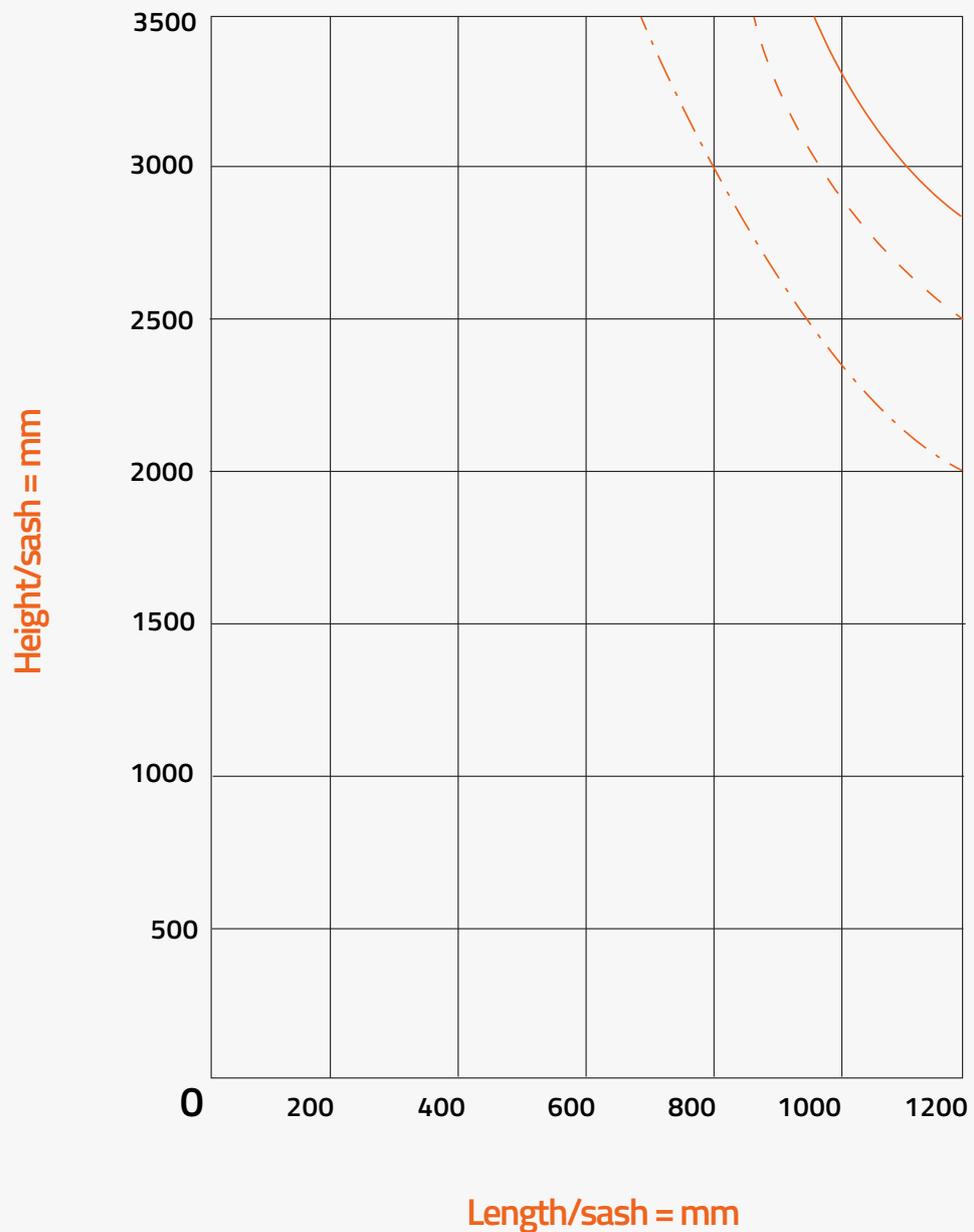


7 Door 6+1



14 Door 7+7

STATIC DIAGRAM



- 35 Kg/m²
- - - 40 Kg/m²
- · - · 50 Kg/m²

Maximum dimensions for sash :

L=1200mm; H=3000mm odd sashes configuration

L=1200mm; H=3500mm even sashes configuration (2, 4, 6, 8 and 2+2, 2+4, ... and so on)

Maximum weight for sash : 120kg

For windows of big dimension and For windows installed in public buildings it is advisable to use even-sash configurations (2, 4, 6, 8 and 2+2, 2+4, ... and so on)

OTHER QALEX SYSTEMS



FALCON 50 - CURTAIN WALL SYSTEM

(Structural Silicone Glazing (SSG) & Conventional Stick System)

System description:

Aluminum profiles system, hardware and gaskets for the fabrication of Multiple design curtain walls, with and without covers, single and double glass.
Aluminum alloy: EN-AW-6060 (EN 533-3 e EN755-2) HB 65
Alloy treatment: EN 515
Dimensional Tolerances: UNI-EN 12020-2

System performances:

This system have been tested and classified according to norms the European standards and norms EN 14351 - 1:2006.
Air : EN 1026-2000 and EN 12207-1999
Water : EN 1027-2000 and EN 12208-1999
Wind : EN 12211-2000 and EN 12210-1999.



REEM 64 SLIDING (Non Thermal)

System description:

Aluminum profiles system, hardware and gaskets for the fabrication of Sliding Window & Doors with single and double glass.
Glass range: 5mm to 24 mm

System performances:

This system have been tested and classified according to norms the European standards and norms EN 14351 - 1:2006 At Mater Lab Italy -Test No:062016INT
Air Leakage : EN 12207
Water Resistance : EN 12208



T-REEM 64 SLIDING (Thermal)

System description:

Aluminum profiles system, hardware and gaskets for the fabrication of Sliding Window & Doors with single and double glass.
Glass range: 20mm to 28 mm

System performances:

This system have been tested and classified according to norms the European standards and norms EN 14351 - 1:2006 At Mater Lab Italy -Test No:032016INT
Air Leakage : EN 12207
Water Resistance : EN 12208



PANDA 47 HINGED (Non Thermal)

System description:

Aluminum profiles system, hardware and gaskets for the fabrication of Hinged Window & Doors with single and double glass.
Glass range: 5mm to 32 mm

System performances:

This system have been tested and classified according to norms the European standards and norms EN 14351 - 1:2006 At Mater Lab Italy -Test No:032016INT
Air Leakage : EN 12207
Water Resistance : EN 12208



T-PANDA 47 HINGED (Thermal)

System description:

Aluminum profiles system, hardware and gaskets for the fabrication of Hinged Window & Doors with single and double glass.
Glass range: 5mm to 32mm

System performances:

This system have been tested and classified according to norms the European standards and norms EN 14351 - 1:2006 At Mater Lab Italy -Test No:052016INT
Air Leakage : EN 12207
Water Resistance : EN 12208
Wind Load : EN 12210/12211



REINDEER SLIDING SYSTEM (Thermal & Non Thermal)

Profiles: Extruded aluminium alloy profiles EN AW 6063

Delivery condition: T5 and T6

Dimensional tolerances: EN 12020/2

Basic system dimensions

Fixed frames: 130mm

Openable frames: 53mm

Glass bead height: 19mm sash 90° -20mm sash 45°

Glass range: 5mm to 40mm

Type of profiles and frames:

- 90° frame double insulation;
- 90° frame single insulation 90° frame;
- 90° sash with Pa insulation H32mm;
- 45° sash with Pa insulation H28mm;
- 90° frame without insulation;
- 90° sash without insulation;
- 45° sash without insulation.

Types provided

Windows with sliding opening, 2 sash, 3 sash, 4 sash, 1 sash with fixed frame.

Accessories

- Trolley capacity 90kg;
- Flush handle single lock;
- Assembly of 90° frames with self-tapping screws;
- Assembly of 90° sash with self-tapping screws;
- Assembly of 45° sash with crimping corner joints.

Architectural style

Modern lines with the visible surfaces of aluminium are reduced to increase the illuminating area.



BEAR CASEMENT SYSTEM (Thermal & Non Thermal)

Profiles: Extruded aluminium alloy profiles EN AW 6063

Delivery condition: T5 and T6

Dimensional tolerances: EN 12020/2

Basic system dimensions

Fixed frames: 52/60/70mm

Openable frames: 60/70/80mm

Glass bead height: 22mm

Glass range: 5mm to 60mm

Accessories

Suitable euro groove dimensions.

Architectural style

Modern lines with the visible surfaces of aluminium are reduced to increase the illuminating area.

Type of profiles and frames

Windows:

- 1.Single panel open in;
 - 2.Bottom hung;
 - 3.Top hung;
 - 4.Turn and tilt;
 - 5.Double panel;
 - 6.Turn and turn and tilt;
 - 7.Single panel open out;
 - 8.Double panel open out;
- Door:
- 9.Single panel open in;
 - 10.Double panel open in;
 - 11.Single panel open out;
 - 12.Double panel open out;



Supplied & Manufactured by Master Italy

Lower roller

Extruded aluminium wings and body hinge; Nylon Bush; stainless steel rollers , screws and pin; Zamak fixing plate.



Upper roller

Extruded aluminium wings and body hinge; Nylon Bush; stainless steel rollers , screws and pin ; Zamak fixing plate.

Reduced handle

Body and handle in die-cast aluminium; galvanised steel body cover pin and screws. Reduced handle, tickness 16mm, square projection 33 mm



Lower roller

Extruded aluminium wings and body hinge; Nylon Bush; stainless steel rollers, screws and pin; Zamak fixing plate. For even type windows.

Upper roller

Extruded aluminium wings and body hinge; Nylon Bush; stainless steel rollers , screws and pin; Zamak fixing plate. For even type windows.



Pull handle

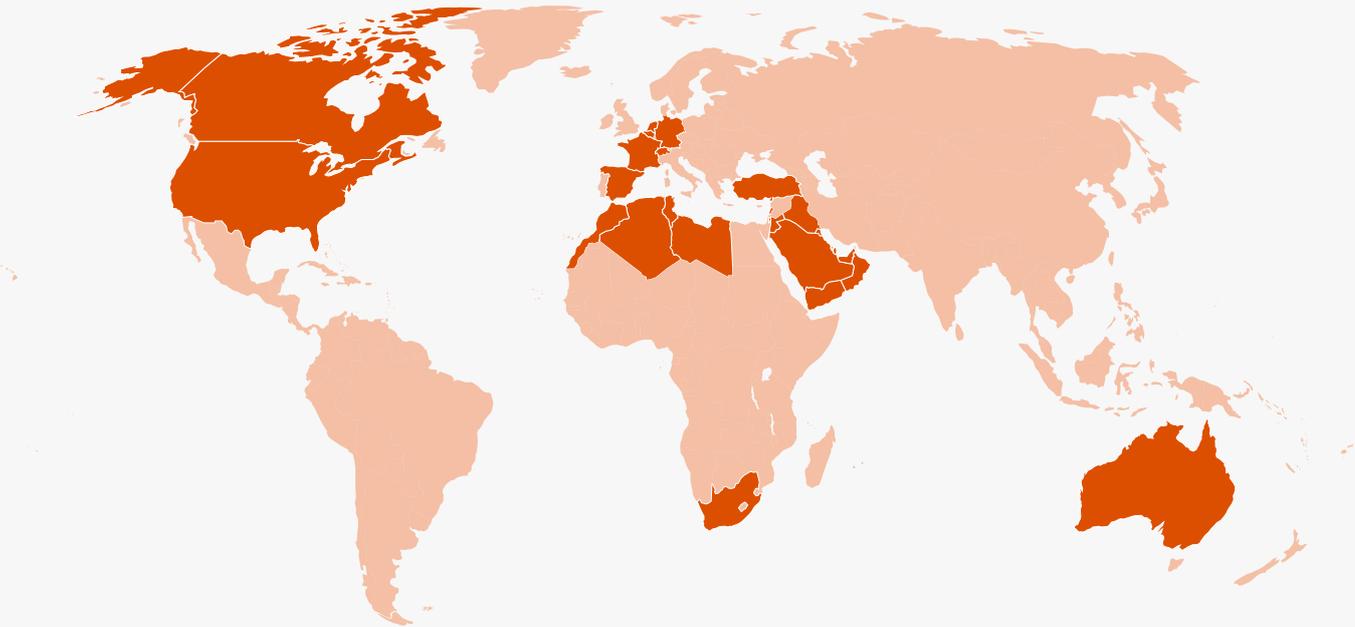
Extruded aluminium wings and body hinge; Nylon Bush; stainless steel rollers; screws and pin; Zamak fixing plate. For internal opening.

Hinge with threaded plate

Extruded aluminium wings and body hinge; Nylon Bush; stainless steel rollers; screws and pin; Zamak fixing plate



World Markets



- Qatar
- Tunisia
- Germany
- Iraq
- Palestine
- Australia
- Bahrain
- Africa
- Turkey
- Lebanon
- Yemen
- USA
- Jordan
- Switzerland
- Kuwait
- France
- Spain
- Algeria
- Belgium
- Oman
- Morocco
- Netherlands
- Libya
- UAE
- KSA
- Canada

Approved By International System Companies



Our Investors



Accreditation

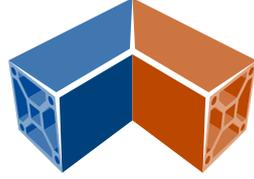


Membership



QALEX Quality & Applicator Approval





QALEX

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