


SMART
BIFOLD



Web: <https://smartgroupplus.com/bifoldex>, Email: Info@smartgroupplus.com



What We Offer

Bifoldex offers our customers both value and quality, and specialize in crafting windows, cheap bifold doors, partition door, internal bifold doors, pergolas for existing homes, offices, restaurants throughout the UAE and CANADA. Our windows and doors come energy efficient as standard. But we also have a keen eye for design and can help transform the look of your home or business..

Leader for custom door and window solutions. Quality, performance & value. Providing comfort and protection for your family.



Our Mission Statement

Our goal is to be the best and to create new standards of excellence in the building products industry. We strive to satisfy our customers on every transaction every day by providing the best quality products, excellent service of external bifold doors, and fair prices to build company values



Our Speciality

Bifoldex has grown from a small startup in Canada to a team of skilled craftsmen and specialists.

HOW?

Our growth is based on a reputation of fitting only the best windows and doors for a great price.

REASON FOR CHOOSE US

We're proud of what our products have done to set the standard for quality in the industry and we're excited about helping you do your best work, for many years to come.



WHY CHOOSE ALUMINIUM?

Renowned For Its Perfect Combination of LightWeight and high Strength ,Aluminium is the ideal Material For Sliding And Bi Folding Doors,Providing Slim, Elegant Designs And outstanding Performance

With Life-Span Measured in Decades Rather Than Years,Together With Extremely Low Maintenance Requirements, Aluminium has Become the Perfect Choice For Home Owners

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OUR PRODUCTS

HOPO®

HOPO USA BIFOLDEX 

Heavy-duty performance for virtually all environments

SUPERIOR PERFORMANCE ANYWHERE

The Hopo USA meets or exceeds the most extreme performance requirements making it suitable for virtually any location in the world.



ACOUSTIC CONTROL FOR INTERIORS

Capable of reaching heights of up to 12' (3650 mm) tall, Hopo is an acoustic glass wall system suitable for interior applications such as schools, offices, medical facilities and hospitality spaces.

Providing glass partition with sliding door, internal partition doors, folding partition doors, interiors with flexibility, transparency, and acoustical buffering, Hopo is sound-rated up to STC 42.

CAPABLE OF EVEN LARGER SIZES

Demand for larger openings in more extreme environments is what the Hopo USA has been engineered for

COMMERCIALLY RATED - FOR HIGH TRAFFIC AREAS

The Hopo USA is highly durable and is designed for high traffic areas.

Panic hardware and self-closing device compatible.

The swing door has been tested for 500,000 cycles without failure



QUIET COMFORTABLE & WIND DRIVEN COMFORT IN COLD CLIMATE EXCELS IN WIND DRIVEN RAIN

The Hopo USA is NFRC certified and can meet or exceed Energy Star standards in all climate zones. Additionally, it has achieved high ratings in both static and dynamic water testing.



GREAT FOR SOUND CONTROL WHEN CLOSED

The Hopo USA can achieve ratings up to STC45 with optional glass. Controlling noisy areas is as simple as closing a door.



TECHNOLOGY EFFICIENCY STAINLESS STEEL ROLLERS

Heavy-duty roller design on stainless steel rails places the weight on the floor and ensures smooth single-handed operation. Even a pencil in the floor track will not cause the system to bind.

FLOOR TRACK OPTIONS

The Hopo USA offers a complete range of sill types to accommodate your design

CONCEALED LOCKING QUIET, EASY, AND SECURE

The Hopo USA features a concealed and rattle-free locking rod that is forced entry rated and can operate with a single-hand





TECHNICAL DATA

BASE DEPTH OF VENT	66MM
MAX DEPTH OF VENT	MAX 1200X 4000MM
MAX WEIGHT	140 KG
GLAZING THICKNESS	6MM-25MM
WATER TIGHTNESS	300PA
WIND LOAD RESISTANT	300PA-400PA
THERMAL INSULATION	2.8-3.5 W/M2K

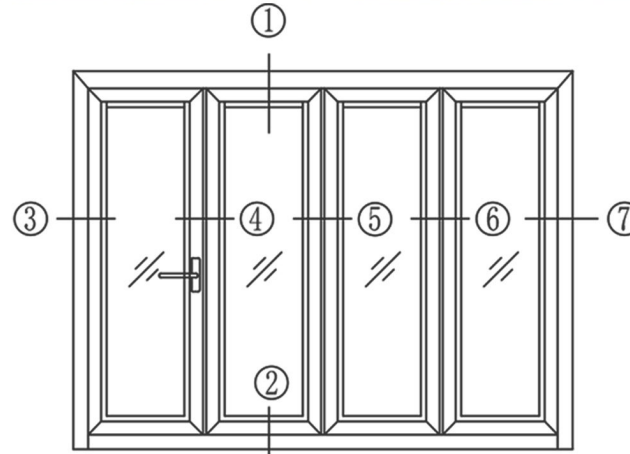
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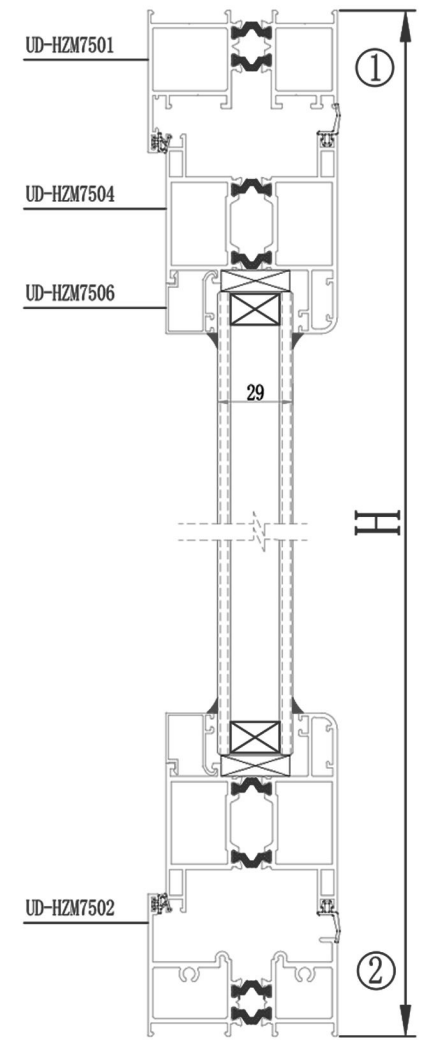
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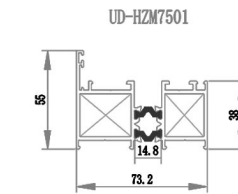
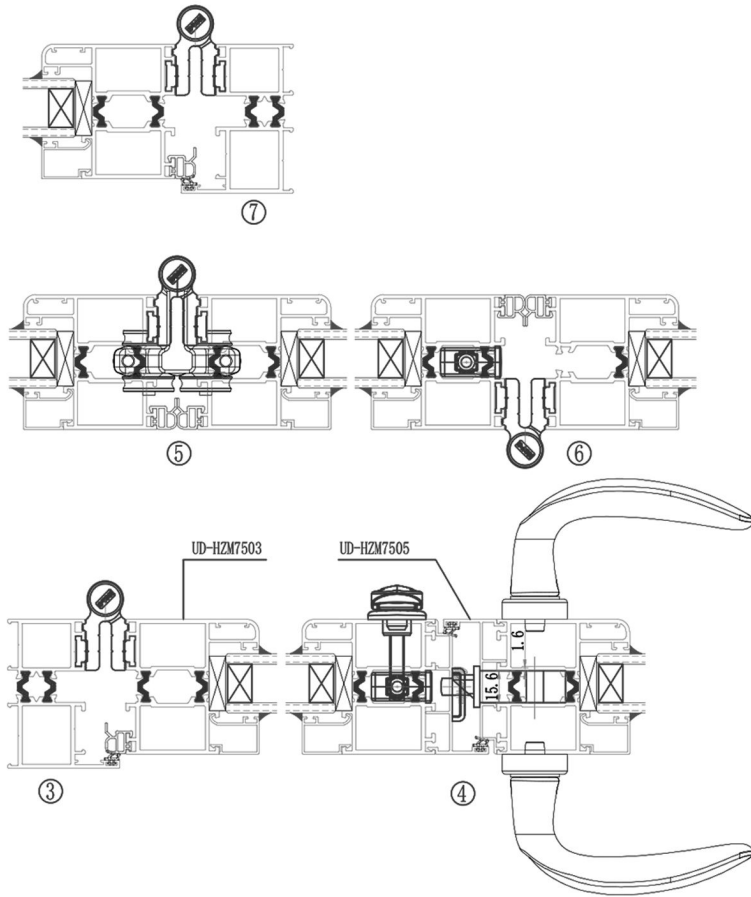
DETAILS AND SPECIFICATIONS



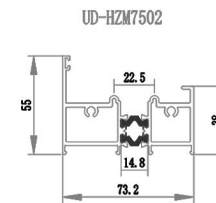
PLAN



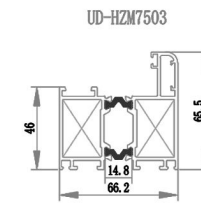
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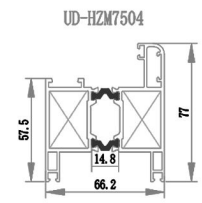
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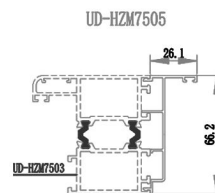
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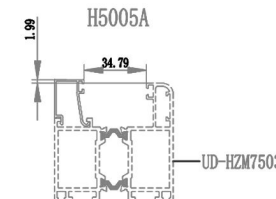
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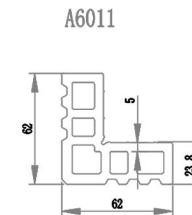
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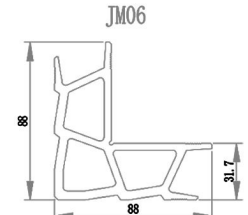
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H5005A



A6011



JM06



SL60 BIFOLDEX NON THERMAL TURKISH SYSTEM

Designed for energy efficiency and strong weather performance

The Bifoldex SL60 delivers superior weather performance, beautiful aesthetic design, and offers an optional floor supported movement when installation conditions require it

QUIET AND COMFORTABLE

Remarkable Resistance

The Bifoldex SL60 has been tested for sound control and has a remarkable resistance to wind driven rain.



MINIMAL SIGHTLINES

The Bifoldex SL60 maintains the European styling of narrow and equal sightlines around each door panel creating an attractive display of glass and light.

FLOOR SUPPORTED OPTION ROLLER DESIGN - WATCH IT IN ACTION

This animation demonstrates our Bifoldex SL60 floor supported system roller option. To deal with building movement, the Bifoldex floor supported option offers stainless steel wheels on a stainless steel track for continual smooth operation, even with up to 3/8" of debris in the track.



LIFE CYCLE PERFORMANCE TESTED

The Bifoldex SL60 meets the Canada “DIN EN 1191/12400 Classification” where a unit is tested after 20,000 opening and closing cycles and is still functional.

SWING DOORS FOR EVERYDAY USE ARE POSSIBLE

Choose from various configuration options that include a daily access door without needing to open the entire system.



CONCEALED LOCKING AND FORCED ENTRY PROTECTION

The Bifoldex SL60 features a concealed locking rod and locks into both the head track and sill. The locking hardware has passed forced entry testing.



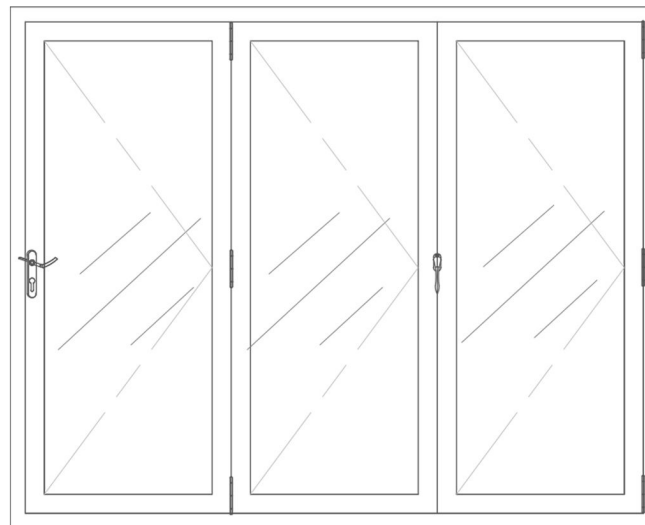
CAN 70

CAN70 BIFOLDEX THERMAL TURKISH SYSTEM

The Bifoldex CAN70 Canadian Design features a concealed locking rod and locks into both the head track and sill.

The locking hardware has passed forced entry testing.

Exclusive Sidelock System™ compresses panels together for maximum weather efficiency.



ELEVATION FROM INSIDE



QUIET AND COMFORTABLE

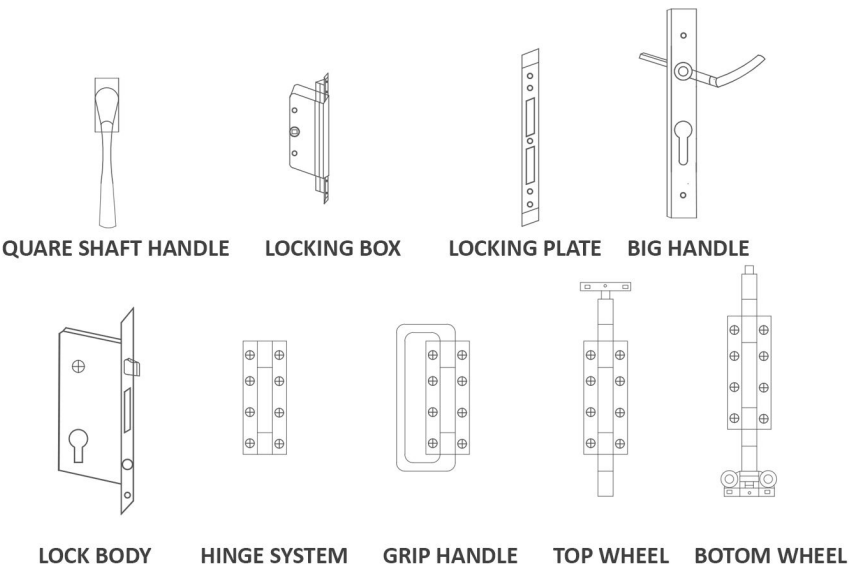
Remarkable Resistance
The Bifoldex CAN 70 has been tested for sound control and has a remarkable resistance to wind driven rain.

SPECIFICATIONS

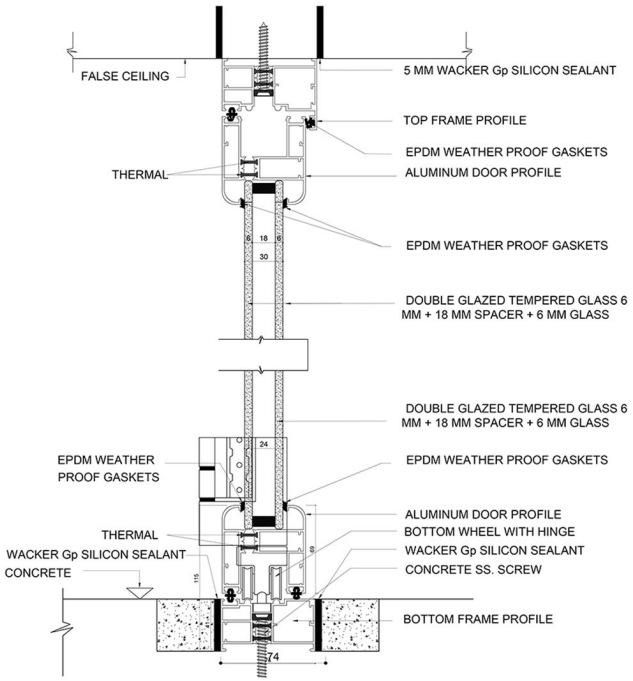
- Applicable to the balcony, shopping malls, large open area
- Hidden crane rail bearing, flexible and light, easy to clean and maintain.
 - The single door maximum width 1200mm, maximum height 3500mm, maximum bearing single fan is 80kg.
- Aluminium Profile Thickness Of 28mm
- The system has 330,431,550,651,633 and many configuration.
 - The flush bolt's length should depend on the door height and using to custom.



ACCESSORIES



The Bifoldex CAN 70 maintains the European styling of narrow and equal sightlines around each door panel creating an attractive display of glass and light



VERTICAL SECTION DETAILS



COLOURS

	Grey (C004)
	champagne (C001)
	Moca (C009)
	Coffee (C006)
	Black (C005)

UV rated, Translucent Polycarbonate
Weather Seals on each panel for added
water tightness The panels glide on
“Self Lubricating Teflon” for Maximum
Seal.

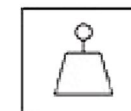


Max . opening leaf H / W

Max .opening leaf weight



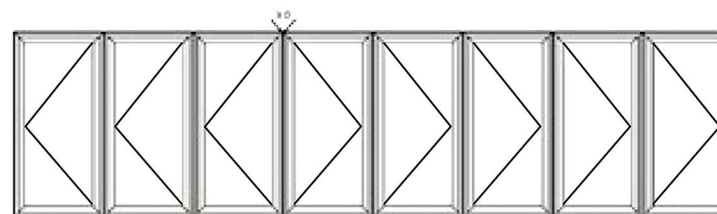
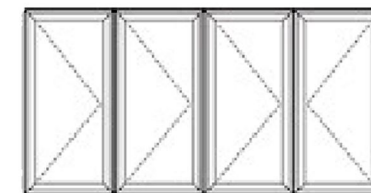
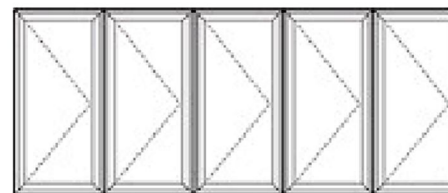
approx 3.0 m / 0.9 m



approx 120 kg

Note: Dimensions are adjustable according to specific conditions, please refer to our specialist's advice.

BASIC OPENING



MAX THERMAL
INSULATION
U: 2.2W/ m² k



MAX ACOUSTIC
INSULATION
33dB



MAX WATER RESI
STANCE
700Pa



MAX WIND RESIS
TANCE
4000Pa



MAX AIR RESIS
TANCE
0.4m³/ (m. h)

Enfini **Pro**

ENFINI PRO ULTRA SLIM SLIDER

Creative Glass Doors Dubai

Bifoldex Ultra Slim Sliding Doors —absolute architectural minimalism at its best—questions conventional boundaries. With Bifoldex Ultra Slim Sliding Glass Doors

Dubai, architectural design can be stripped down to its most essential elements allowing for light, form, material, space, and nature to speak for itself. Outside and inside become one.



SYMMETRICAL PICTURE FRAME EFFECT

A Floor to Ceiling Lens to the Outside

The award-winning Bifoldex Ultra Slim Sliding offers full floor-to-ceiling sliding glass panels with recessed top and bottom tracks. Produced through time-tested premium Canada engineering, Bifoldex Ultra Slim Sliding allows for maximum transparency with the largest panes of glass and the most minimal frames offered by Bifoldex .

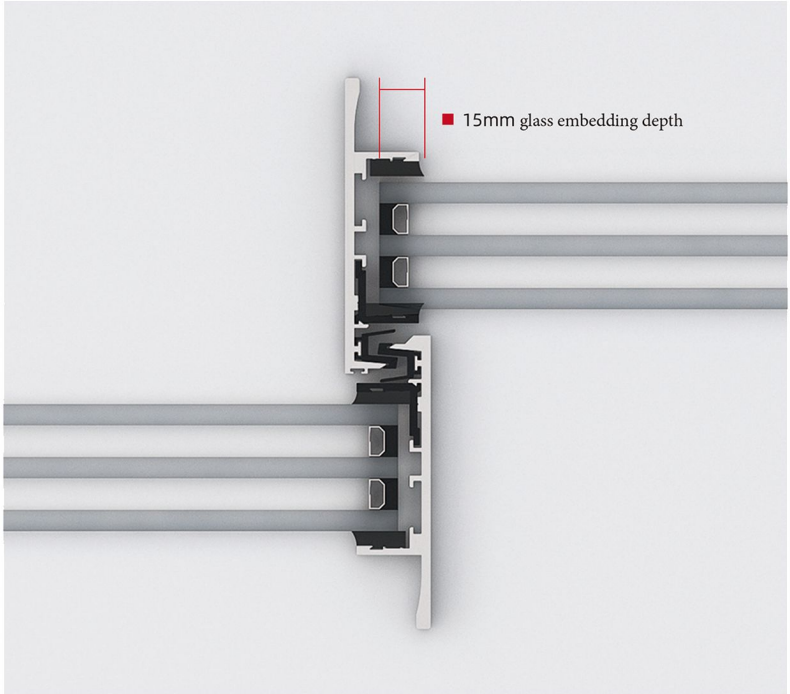
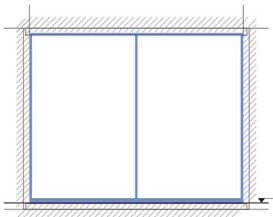
Narrow Stiles and Rails

With Bifoldex Ultra Slim Sliding Glass Doors Dubai, the panel's rail and stiles are uniform with a consistent 1 5/16" (34 mm) top to bottom, achieving a symmetrical and minimal design.

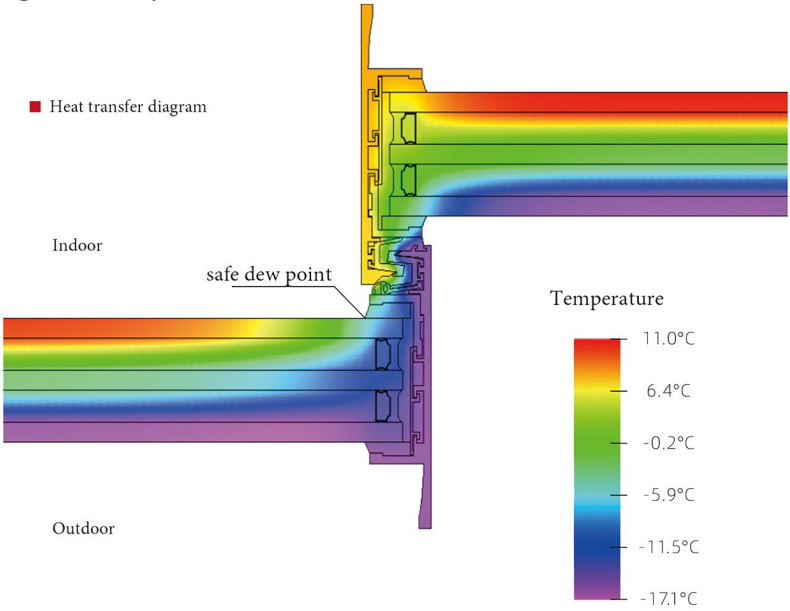


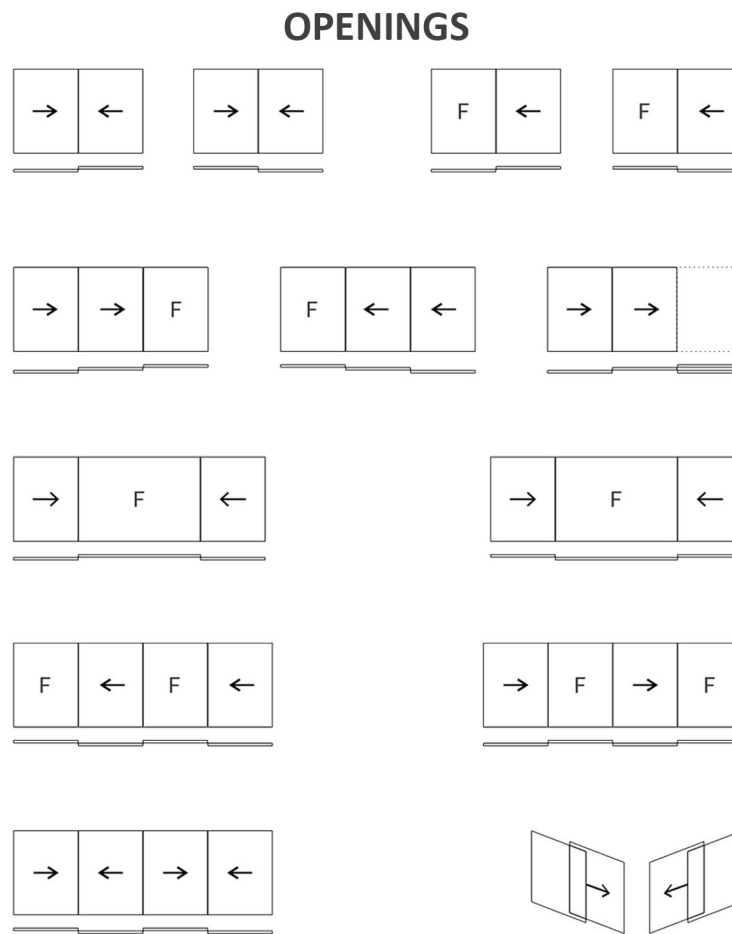
28MM INTERLOCK SECTION
The 28mm slender middle hook and visible surface not only brings excellent vision and light and slender design appearance, but also is the technical result of strict compliance with industry standards. The glass embedding depth of 15mm meets the requirements of industry Standards to ensure sufficient safety. The innovative hook-indentation Structure design brings excellent performance and effectively prevents condensation on the indoor surface of the profile.

SLIM, NOT ONLY INTERLOCK SECTION
combined with the later edge banding scheme, the slim slider will present a more perfect overall Slender Effect



The minimal framed large panel sliding glass wall by Bifoldex Systems. Simple in form yet engineered to perfection. Producing clean, uniform, and ultra-thin lines for maximum light filled spaces that connect the interior to the exterior.





The diagrams are arranged in a 4x4 grid. The first three rows have three boxes each, and the fourth row has four boxes. The symbols are either arrows (→, ←) or 'F'. The boxes are connected by horizontal lines, and some have additional lines below them.

→	←		→	←		F	←		F	←	
→	→	F	F	←	←	→	→				
→	F	←				→	F	←			
F	←	F	←	→	←	→	←				





PERFORMANCE

The Slender appearance of frame systems products does not mean that the performance is Weakened .

The rigorous Structural Design and material Application Make the sliding door Still Maintain Excellent Performance, and the comfortable Life Experience and Perfect Vision Coexist



THERMAL INSULATION

1.7W/m²k



AIR RESISTANCE

≤10m³/(m.h)



WATER
RESISTANCE

350Pa



ACOUSTIC INSULATION

32dB



WIND RESISTANCE

≤2.5KPa

DIMENSION LIMIT

Under safe and reliable Technical Conditions the Sliding door has a Load capacity of 360 kg for a single leaf, and can Realize a large-sized single- Leaf opening area of 10.5m² and a Fixed leaf area of 12m².

Together with the slender frame, it creates sensory Freedom for users, and is not afraid of 12 strong winds



Open Panel Max load 360kg



Open the maximum area of the panel 10.5m²



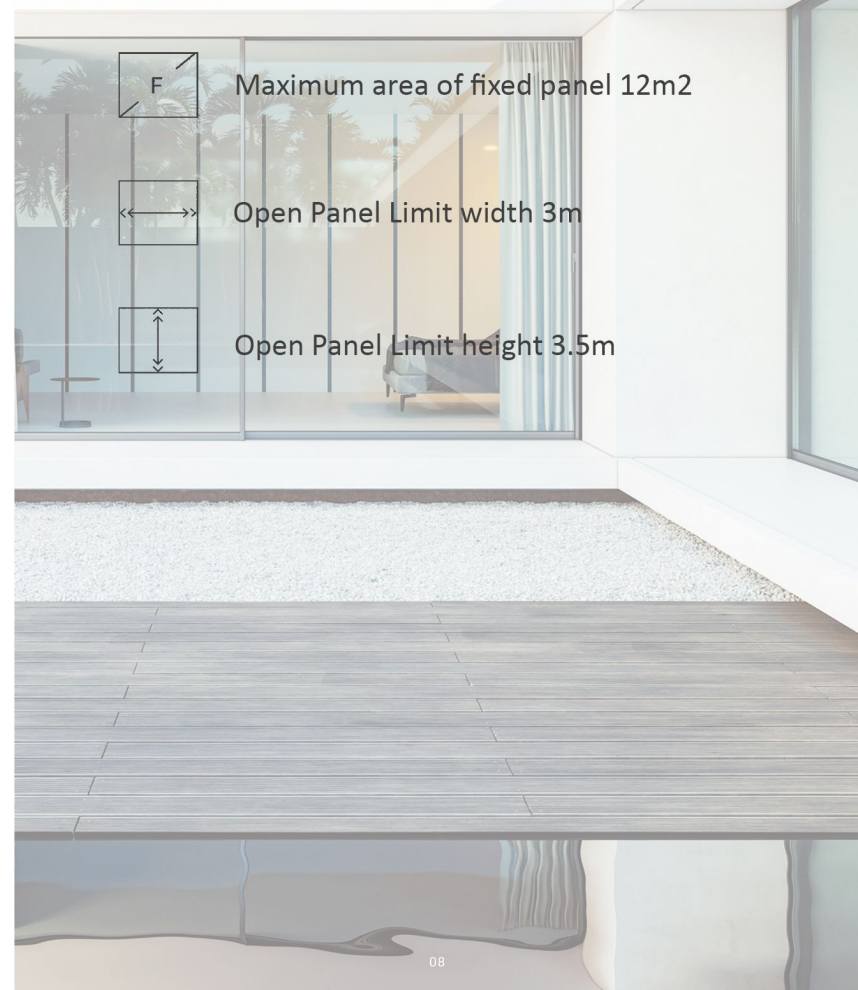
Maximum area of fixed panel 12m²



Open Panel Limit width 3m



Open Panel Limit height 3.5m





FRAMELESS FOLDING BIFOLDEX DOORS

Creative Design Freedom

Bifoldex Frameless Folding Doors Dubai with its innovative technology is your best option for a frameless folding glass wall whether you want to close and secure outdoor living areas or open up and join interior spaces.

Our Bifoldex Frameless Folding Doors System Bifoldex has been tested to exceed standards for air intrusion and water tightness. No more wind, rain, noise or dust to interfere with your outdoor/indoor living experience.

SYMMETRICAL PICTURE FRAME EFFECT

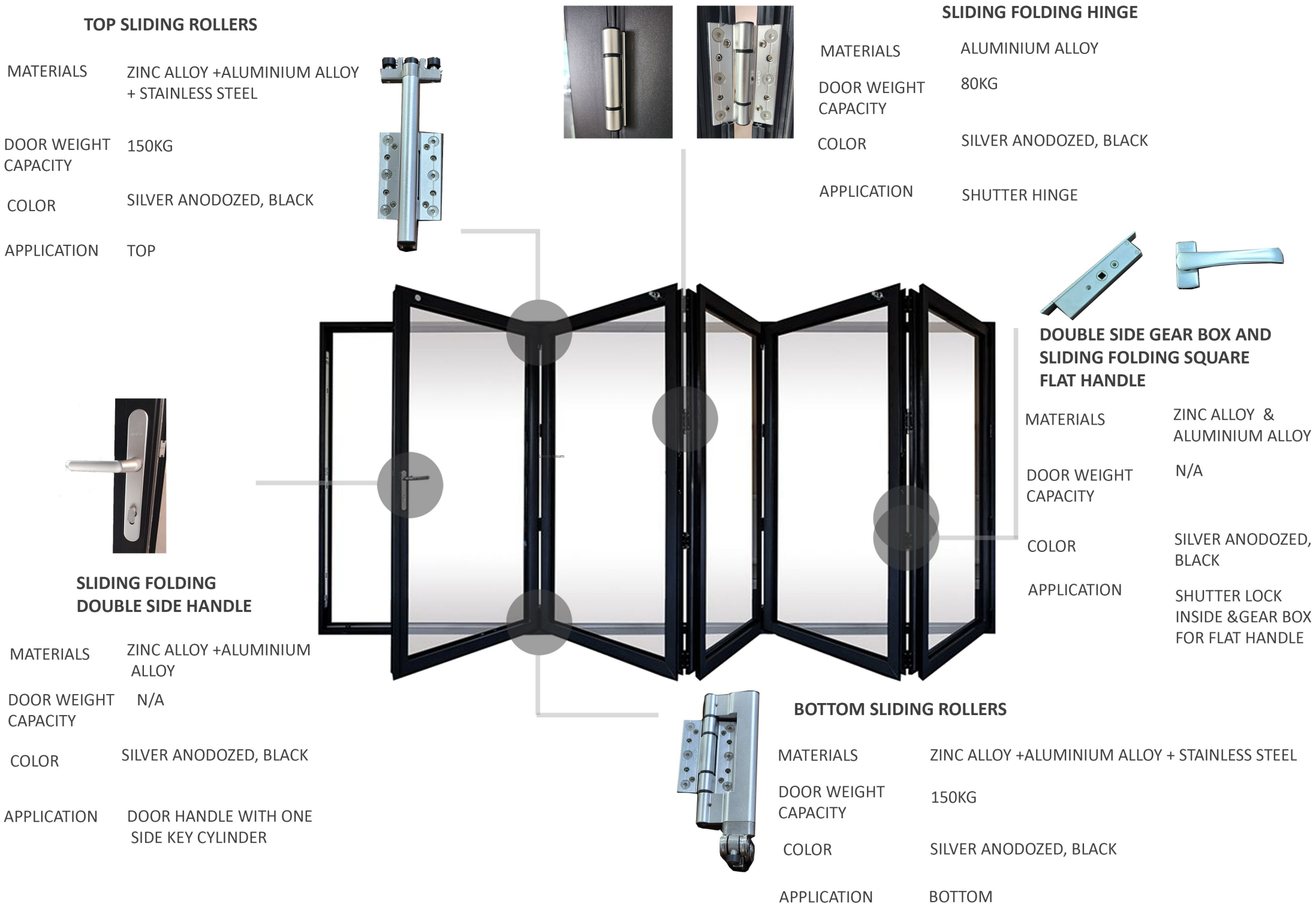
Enjoy More.

Bifoldex Dubai Frameless folding doors Provide you seamless views so you can enjoy the space more.

Minimal Design

Bifoldex has very minimal design good for interior partitions.



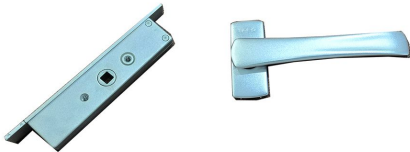


TOP SLIDING ROLLERS

MATERIALS	ZINC ALLOY +ALUMINIUM ALLOY + STAINLESS STEEL
DOOR WEIGHT CAPACITY	150KG
COLOR	SILVER ANODOZED, BLACK
APPLICATION	TOP

SLIDING FOLDING HINGE

MATERIALS	ALUMINIUM ALLOY
DOOR WEIGHT CAPACITY	80KG
COLOR	SILVER ANODOZED, BLACK
APPLICATION	SHUTTER HINGE



DOUBLE SIDE GEAR BOX AND SLIDING FOLDING SQUARE FLAT HANDLE

MATERIALS	ZINC ALLOY & ALUMINIUM ALLOY
DOOR WEIGHT CAPACITY	N/A
COLOR	SILVER ANODOZED, BLACK
APPLICATION	SHUTTER LOCK INSIDE &GEAR BOX FOR FLAT HANDLE

SLIDING FOLDING DOUBLE SIDE HANDLE

MATERIALS	ZINC ALLOY +ALUMINIUM ALLOY
DOOR WEIGHT CAPACITY	N/A
COLOR	SILVER ANODOZED, BLACK
APPLICATION	DOOR HANDLE WITH ONE SIDE KEY CYLINDER

BOTTOM SLIDING ROLLERS

MATERIALS	ZINC ALLOY +ALUMINIUM ALLOY + STAINLESS STEEL
DOOR WEIGHT CAPACITY	150KG
COLOR	SILVER ANODOZED, BLACK
APPLICATION	BOTTOM



SINGLE DOOR
CONFIGURATION



TWO DOOR
CONFIGURATION



3 DOOR
CONFIGURATION



4 DOOR 3+1
CONFIGURATION



5 DOOR 5+0
CONFIGURATION



6 DOOR 3+3
CONFIGURATION



6 DOOR 6+0
CONFIGURATION



6 DOOR 5+1
CONFIGURATION



7 DOOR 7+0
CONFIGURATION



7 DOOR 3+4
CONFIGURATION



7 DOOR 6+1
CONFIGURATION



7 DOOR 2+5
CONFIGURATION

DOOR CONFIGURATIONS

BIFOLDEX DOORS OFFERS DIFFERENT NUMBER OF CONFIGURATION ACCORDINGLY TO THE OPENING WIDTH, HEIGHT AND NUMBER OF DOORS REQUIRED FOR YOUR REQUIREMENT



**SMART
BIFOLD**



Web: <https://smartgroupplus.com/bifoldx>
Email: Info@smartgroupplus.com

