



transform
your space
with Korniche

KORNICHE



Multi-Award-Winning





bi-folding doors

Designed to perfection, brighten your room with the award-winning bi-folding doors that combine robust functionality and security with breath-taking elegance.



Aluminium Fabricator
of the Year
NFA22
WINNER

Bi-folding Door
Manufacturer
of the Year
NFA21
WINNER

the design brief

When it comes to bringing more of the outdoors into your home, it's the details in your bi-folding doors that make the difference. Great looking handles in matching finishes. A perfect glide. Slimmer profiles. More glass. Better protection. Superb heat retention. Korniche gets every element right.

PAS24:2016 as standard* Enhanced for protection

Our bi-folding doors come rigorously tested to keep your home fully protected. Certified to the advanced PAS24:2016 standard, their strong, durable aluminium frames come with enhanced security that includes a 3 Star Yale locking barrel, high strength shoot-bolts and multi-point locking systems.

The lockable shootbolt handle has an innovative and unique anti-back drive feature engineered into it. This means that even unlocked, a forced entry attempt can't rotate the handle to open the door.

All in the detail

With a clean, consistent and slim design, our bi-folding doors superbly reflect the attention to detail at every step of manufacture.

Bespoke handles come in matching finishes, while the frames themselves can be powder coated in colours as natural or as vivid as your vision requires.

These beautiful finishes are highly durable, with narrow profiles and glazing seals hidden within the frame, meaning more glass to help you enjoy more of the view.

Thermal breaks, the structural polyamide sections which insulate between the external and internal aluminium profile, are carefully fitted after each half has been powder coated, ensuring stark lines and a striking contrast between the two elements. It's these small but essential details that set Korniche products apart.

*PAS24:2016 as standard is specified with laminated glass only



**PAS24-2016
SECURITY**

Because our bi-folding doors are PAS24-2016* accredited, they are guaranteed to offer enhanced protection for your living space against everything from shoulder-barges to lock-picking.

engineered to **inspire**

Make a more memorable entrance

Expertly engineered, Korniche bi-folding doors exude the same quality in their function as they do in design, with an exclusive roller system that delivers an effortlessly smooth glide every time.

A unique, pivoting axle in the rollers allows the wheels to follow any undulations in the stainless-steel tracks underneath. Combined with sealed bearings in the stainless-steel wheels and lateral rollers, the doors will glide effortlessly and smoothly for years to come.

Ergonomics have been carefully considered for the touch points, this starts out with the feel of components in your hands and extends to limitation of the degrees of rotation in the shootbolt handles for more comfort in use.

Designed for your everyday

Featuring polyamide thermal breaks, our bi-folding doors are designed to keep heat in and the cold out.

Korniche products incorporate the best materials, fabricated to fine tolerances. Patented clip-in 'Speedbead' allows the doors to be glazed and adjusted in seconds whilst engineered components allow for effortless operation.





A unique, pivoting axle in the rollers allows the wheels to follow any undulations in the stainless-steel tracks underneath. Combined with sealed bearings in the stainless-steel wheels and lateral rollers, the doors will glide effortlessly and smoothly for years to come.

bespoke solutions that elevate your living space



REBATED
INTEGRATED CILL

Bespoke solutions

Creating stunning panoramic views for your home in your choice of colour, our bi-folding doors have been engineered with versatility in mind. Strong, durable and with excellent heat retention, Korniche bi-folding doors can be fabricated in any number of configurations from a single to a seven door system.

Integrated threshold or standard threshold and cill options all have a sealing rebate to ensure the doors offer the best weather resistance. The frame options available allow Internal floor levels and installation position to be adjusted to reduce step-over to a minimum. Thanks to the rebate design, the lowest height integrated cill option also comes with the same leading weather rating as the standard frame.

The Korniche aluminium bi-fold door delivers sleek aluminium frames, bespoke Korniche handles, high security locking features with matching, lockable anti-back drive shootbolt handles. You can enjoy an exceptional looking product comfortable in the knowledge that every element of your homes safety is assured.

Colours and options

- ▀ Our traffic door and shootbolt handles are available in finishes of black, white, grey, polished chrome or brushed stainless steel. Dual colour options available
- ▀ 100mm, 150mm or 190mm cill options
- ▀ Standard or integrated cill thresholds
- ▀ Trickle vents can be installed directly into the head of your door, removing the need for a frame extender
- ▀ Available in black, anthracite grey, agate grey, white or dual colour, and deliver 2667mm² of airflow per vent
- ▀ 20mm or 40mm frame extender profiles if required



 Traffic door handles



Configuration options

- Available in any BS or RAL colours
- Doors up to 6.4m wide
- Height up to 2.5m
- Each sash up to 1.25m wide
- 1-7 sashes
- Multiple configurations
- Doors open in or out

Next to each configuration diagram, you will see a number that indicates its opening options (e.g. 4-3-1).

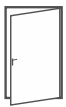
The first number refers to how many door sashes are included within the set.

The second number indicates how many of those doors open to the left, with the final number representing the doors that open to the right.

The doors that feature traffic handles (standard door handles) are master doors which provide both internal and external access.

Shootbolt handles (indicated as a single vertical line) allow the sliding door sashes to be locked in place from the inside only. Door configurations that have just a shootbolt handle do not provide any external access.

Single door

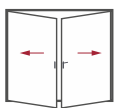


1-0-1

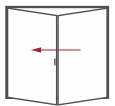


1-1-0

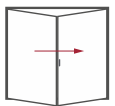
Two door



2-1-1

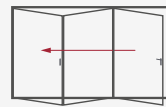


2-2-0

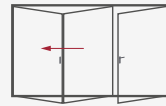


2-0-2

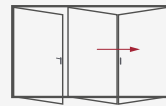
Three door



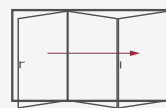
3-3-0



3-2-1

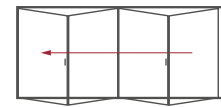


3-1-2

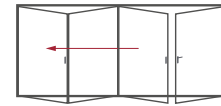


3-0-3

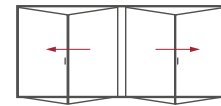
Four door



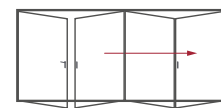
4-4-0



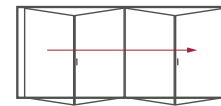
4-3-1



4-2-2



4-1-3



4-0-4

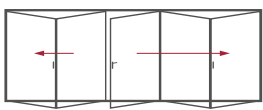
KEY

 - Traffic handle

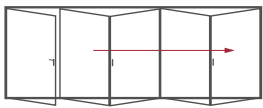
 - Shootbolt handle



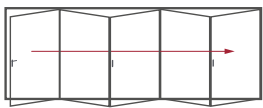
Five door



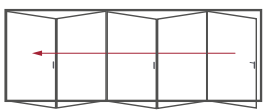
5-2-3



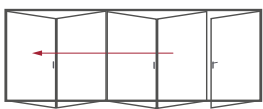
5-1-4



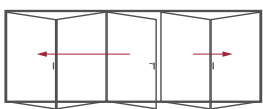
5-0-5



5-5-0

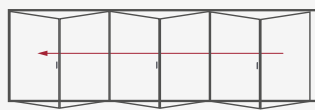


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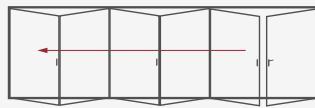


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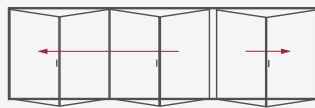
Six door



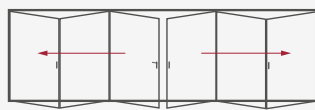
6-6-0



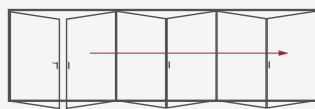
6-5-1



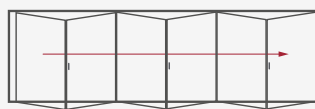
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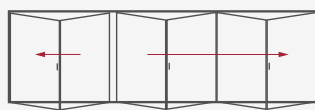
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6-1-5

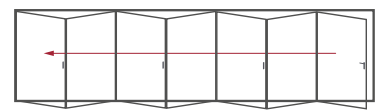


6-0-6

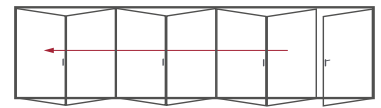


6-2-4

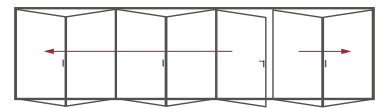
Seven door



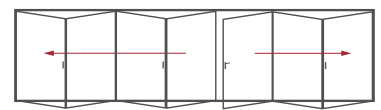
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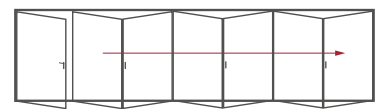
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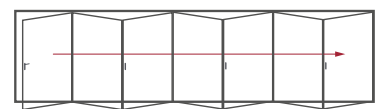
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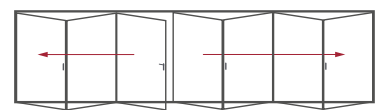
7-4-3



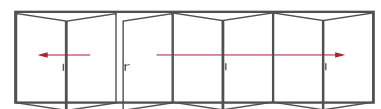
7-1-6



7-0-7



7-3-4



7-2-5

low maintenance: what you need to know



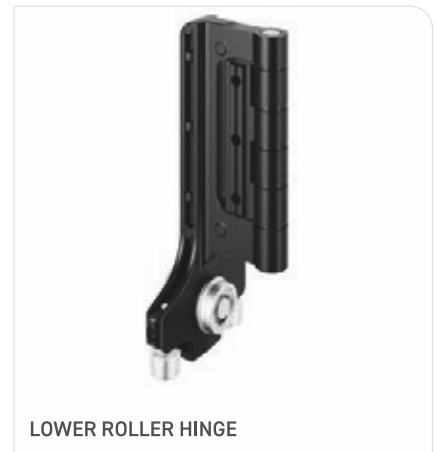
Korniche is synonymous with quality and our bi-folding doors deliver in every aspect of their manufacture and design.

From powder-coated aluminium to the bearing guided rollers, each detail has been crafted to be as low maintenance as possible. All that's required is the occasional clean to ensure the door's tracks are debris free.

High-quality bespoke hardware ensures your door handles maintain their great appearance during day-to-day operation. At the same time, the system's Yale locking barrel, multi-point locking system and Korniche shoot-bolt handle provide security peace of mind.



MULLION BOTTOM ROLLER



LOWER ROLLER HINGE



UPPER GUIDE HINGE

Powder coating

The bi-folding doors' powder coated exterior doesn't just offer a wide range of colours, it also delivers a thicker, more consistently smooth coat when compared to a paint finish.

Powder coating results in an extremely durable finish, highly resistant to wear and tear and easy maintenance over an extended period of time.

RAL

- Stock RAL colour options
 - RAL 9910 – Gloss White
 - RAL 7016 – Matt Anthracite Grey
 - RAL 9005 – Matt Black
 - RAL 7038 – Matt Agate Grey
 - RAL 7016 / RAL 9910
(Matt Anthracite Grey on Gloss White)
 - RAL 7038 / RAL 9910
(Matt Agate Grey on Gloss White)
 - RAL 9005 / RAL 9910
(Matt Black on Gloss White)

We offer more than 150 colours in matt, satin or gloss, including the option to have different colours on the inside and outside of the frames.

This gives you greater freedom to match both the interior and exterior style of your property.

The Korniche Bi-folding doors operational hardware is precision engineered and manufactured to exacting standards. Bearing guided rollers ensure an easy glide every time.

a smarter home innovation built-in

Uni-Blinds®

SLIDING VENETIAN INTEGRAL BLINDS

SL20SV Sliding Control Uni-Blinds available for your Korniche Bi-folding Door. Integrated venetian blind providing a smart solution with ingenious slider control for all the blind function in one easy to use device.

Cordless Control

Based on the the technically proficient Screenline integral blind system from globally renowned manufacturer Pellini, the SL20SV provides a slick visual result with no cords on the face of the glass. Like all Screenline blinds, the SL20SV sliding system represents **the highest quality and operational reliability of any integral blinds.**

The blind is encapsulated within the two glass panes of a double glazed unit, **the thermal efficiency is optimised thanks to a warm edge spacer bar as standard.**

SV System Benefits

Closed-loop belt transmission system allows smooth and long-lasting function of the blind.

External magnetic slider is treated with a patented antibacterial finish, providing a long-lasting protective function against viruses.

Fully compliant with child safety standards.

Requires only one device to raise and tilt the slats.















a splash of colour






Venetian Uni-Blinds are designed to match any home. With 10 colours to choose from we're certain there is one perfect for you. In addition, anthracite grey and black is exclusive to Uni-Blinds and compliments perfectly the Korniche anthracite grey and black bi-fold powder coated frames.

slat colour

				
S102 WHITE* Solar reflection 70% Light reflection 78% Solar absorption 30% Standard colour	S149 CREAM* Solar reflection 68% Light reflection 75% Solar absorption 32% Standard colour	S157 SILVER* Solar reflection 43% Light reflection 44% Solar absorption 57% Standard colour	S155 GREY Solar reflection 42% Light reflection 48% Solar absorption 59%	S156 METALLIC SILVER Solar reflection 65% Light reflection 62% Solar absorption 35%
				
S125 BEIGE Solar reflection 57% Light reflection 63% Solar absorption 43%	S142 LIGHT BLUE Solar reflection 65% Light reflection 69% Solar absorption 35%	S130 GREEN Solar reflection 58% Light reflection 65% Solar absorption 42%	B160 BLACK Solar reflection 4% Light reflection 4% Solar absorption 96%	S159 ANTHRACITE Solar reflection 12% Light reflection 13% Solar absorption 88%

*When the laminated glass option is chosen the only slat colours available are S102, S149 and S157.

slider, slideguide and headrail colour

				
WHITE	BEIGE	LIGHT GREY	ANTHRACITE GREY	BLACK

*When the laminated glass option is chosen the only slider, slide guide and headrail colours available are White, Beige and Light Grey.

glass

For refurbishment & renovation projects

Centre pane U=1.2 W/ m²K
28mm clear low E
Laminated with clear low E (PAS24)

For new build projects

Centre pane U=1.0 W/ m²K
Laminated with solar control

how to operate

The SL20SV is operated by a cleverly-designed magnetic slider, positioned on the right or left-handed edge of glass. A narrow adhesive transparent profile ensures the linear movement of the slider. The blind is raised and lowered by moving the slider up or down and is tilted by slightly lifting or lowering the same slider.



KORNICHE CUSTOMER SERVICE

The best products with the best service at the best prices™

The guarantee for the Most for Trade Customer Service Team to deliver excellent service that is going to add to the customer journey.

Insiplo!

KORNICHE

multi-award-winning products recognised across the industry



Since its launch in 2016, the Korniche Roof Lantern has received multiple awards for its innovative design, engineering and aesthetics, including both builder and homeowner accreditation.

- Manufacturing ISO9001:2015 Quality accreditation 2022
- Homebuilding & Industry Awards 2021 – Rooflight Supplier of the Year
- Real Homes Awards 2021 – Nominee
- Homebuilding & Renovating Awards 2020 – Best Rooflight Supplier
- Conservatory & Orangerie Awards 2019 – Best Rooflight and Lantern System
- Professional Builder Magazine 2018 – Charles Godfrey Award for Innovation





peace of mind comes as standard with Korniche

From design to doorstep, Korniche products are engineered to deliver precision manufactured doors and lanterns for your home.



PAS 24 Security Certified

PAS 24 Security Certified is the latest security standard that can only be achieved once a product has been tested to demonstrate enhanced protection against various types of attack. This ranges from shoulder barging and kicking to attempts to pick or damage the handle or lock. In short, it's an essential level of security for your doors.



10 Year Manufacturers Warranty

Engineered in the UK to ensure the highest level of quality, endurance and reliability, all Korniche products come with a 10 year warranty against all parts and manufacturing.

See T & Cs on the Korniche website.



Quality Assured

We manufacture our products to exacting tolerances, with intensive quality check and tests. As a result, we ensure your bespoke order is competitively priced and fulfilled to the highest possible standard with excellent availability and lead times.



In the unlikely event that your cylinder is snapped under attack due to a forced break-in, YALE will give you £1,000 compensation for any distress and inconvenience caused, that's how confident we are in the YALE lock barrel product. How does it work? Simply register your guarantee online at help.yale.co.uk within 30 days of purchase to ensure you are covered for five years.







get in touch

At Korniche we want you to specify with confidence, secure in the knowledge that the award-winning products you choose will be the perfect finish for your project.

For more information, including where to find your closest supplier, visit:

www.korniche.co.uk







transform
your space
with Korniche



www.korniche.co.uk

