

origin

DOORS AND WINDOWS

The Origin Bi-fold Door



# Introducing the Origin Bi-fold Door...

**The Origin Door is a beautifully crafted and expertly executed aluminum door system.**

Designed in the UK and manufactured in the USA, Origin is now an internationally renowned and award-winning company, who pride themselves on providing the finest quality products, which is backed up by uncompromising levels of service.

As such, we're thrilled to introduce the Origin Door. Available as a bi-fold, a corner set, a traditional French door and a single, it's one of the most timeless and sought after renovation solutions. In addition to being visually stunning, because of its custom nature, it offers complete versatility, ensuring it meets your functional, as well as stylistic requirements.

Complimenting any property - whether it be a new or existing build, villa or even a condo - the Origin Door is sure to change the way a home is interacted with, enabling it to be enjoyed like never before, wherever you may be.

To some, a door is merely an entranceway to access a new area or room. But for Origin and tens of thousands of homes internationally, it's so much more. It's a transformation not only to the aesthetics of a home, but to a way of life. A lifestyle that unites surroundings and families alike.

Keeping your internal climate in and the elements out, the Origin Door holds the key to a year-round uninterrupted widescreen view of your world and a whole new way of transitional living.



Poetry  
in motion...





## Free Glide System

**With the Origin Bi-fold Door, doors fold and stack onto each other, so when open, offer a completely unrestricted view and transition into the external space.**

Its flawless operation is a thing of wonder, and the secret behind this effortlessly smooth motion can be found in the bottom of every door.

An intelligently engineered short wheelbase trolley assembly with six wheels, manufactured from a high grade acetal, guides the doors along the track seamlessly, enabling them to open and close with ease.

The slim line trolley has been designed to ensure a quiet and efficient operation, meaning that with a gentle push, a whole new living space is revealed.

It's quality that can be seen, felt and admired.

# Custom to you...

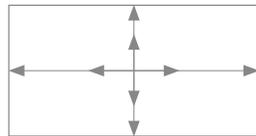
With Origin, the only limit is your imagination.

Your home, your doors – with all the little details just as you want them. As with everything Origin, all of our products are custom to you, and the Bi-fold Door is no exception.

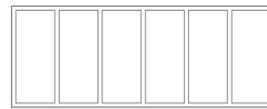
Ranging from one to eight door sets, and with door leaves as narrow as 1.5' and as wide as 4' (non-impact), there is a configuration available that will match your requirements. No matter which setup you choose, you can be assured that the slim

sightlines will create a sophisticated and timeless feel, helping maximize the flow of natural light into your home.

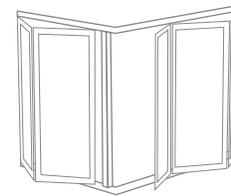
Choose your overall size, amount of doors, configuration, internal and external color, your preferred threshold option, whether you want the doors to open in or open out, handle style and hardware color, then let us create the architectural dream that is the Origin Bi-fold Door.



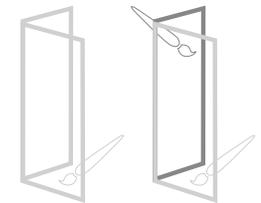
Overall size



Number of doors



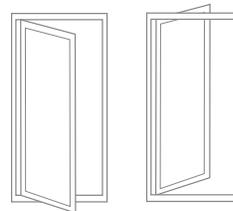
Configuration



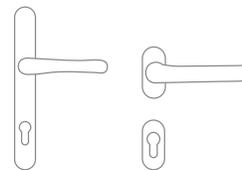
One or split color



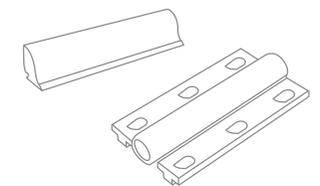
Threshold option



Open in or out



Handle model



Accessory finishes



# Inspired by color...



Make it everything you've always wanted, make it yours...

Here at Origin, we pride ourselves on the personalization elements that you're able to choose from in order to make your dream door that's custom to your practical and stylistic requirements.

We offer two main color palettes, each with an extensive selection of shades, tones and hues. Firstly, there's the European collection of RAL colors, which offers over 150 different options and allows you to specify a gloss, matt or satin finish.

Alternatively, it can be anodized or coated with AAMA 2605 (Kynar 500® or Hylar 5000®), which is a resin based finish and has been specifically designed for long term durability.

Whichever option you go for, you can be assured of a hard-wearing, scratch resistant and highly resilient finish, that is smooth to the touch and is certain to keep its pristine looks for years.

Additionally, a split finish option is also available, whereby the door internally can be a different color to the exterior, so it means that creating your own unique look is easy.

Should you decide on one of our popular color ranges, then depending on your location, these could be available in as little as 2 weeks.

# Popular colors...



Even the gasket & Q-Lon seal color is your choice...



	Door Color	Recommended Q-Lon Color
A.	7015M and MX5	Graphite Gray
B.	9005M and YL222E	Black
C.	AA25	Light Gray
D.	YA103E	White
E.	Natural Oak and Golden Oak	Light Oak
F.	Walnut	Bronze
G.	Mahogany	Chestnut Brown

Colors shown here may not be 100% representative.

Visit your local showroom or contact Origin directly for physical samples.



# Handled with care...

**The handles of an Origin Door are the perfect finishing touch to the exquisitely designed system.**

Choose from a selection of elegant handle styles and rest assured that they have been designed and manufactured with the same care and dedication as every other component.

In addition to striking the optimum balance between superior strength and sleek design, our handles are exhaustively cycle tested to ensure they mirror the flawless functionality of the doors and stand the test of time.

Certain handle models can also be color coordinated in any RAL color.

## Premium stainless steel range



Solid stainless steel lever handle with separate escutcheon

(Style 253/280)



Solid stainless steel lever handle with separate escutcheon

(Style 251/280)



Solid stainless steel lever handle with separate escutcheon

(Style 301/280)



Solid stainless steel lever handle with separate escutcheon

(Style 303/280)



Solid stainless steel handle with long back plate

(Style 253/270)

## Popular aluminum range



Security handle lever white

(YSHLL-WH)



Security handle lever chrome

(YSHLL-PC)



Security handle lever black

(YSHLL-BL)



Security handle lever gold

(YSHLL-PG)



The secondary and D-handle – both of which have been specifically designed by Origin to withstand a pull of 1600 Newtons – are available in any one of the 150 RAL shades or a stainless steel finish, so they can be matched or contrasted to the door itself.

# Hardware, components & accessories...



Hinge

## Little things that mean a lot

**We've left nothing to chance in the creation of the Origin Bi-fold Door. Every detail has been scrutinized, every process meticulously tested and every component designed to ensure all elements perform to a harmonious perfection.**

As Origin exclusively designs and manufactures the award-winning products at our Venice, Florida based factory, it means that everything is centrally controlled, from sourcing right through to delivery.

In fact, Origin also designs and manufactures the components that make up the Origin Bi-fold Door,

ensuring that true innovation has been engineered at every level, because for us, having components that are specifically designed for purpose ensures a better performance, rather than a one size fits all, off-the-shelf solution.

Take the gearbox for example - it may be small, but don't underestimate its contribution, power or importance. It's responsible for operating the shoot bolts and locking the doors in place. Its new lightweight structure has been meticulously tested to the extremities without any compromise on performance or security.



Gearbox



Track



Top Trolley System



Q-Ion seal



Bottom Trolley System



# Life with no boundaries...

The slim sightlines and expanse of space offered by the Origin Bi-fold Door can transform a home by removing the barrier between inside and out. The custom nature of every Origin Door means that you can reduce that barrier further through a choice of thresholds.

Weathered and non-weathered options are available, so you can pick the right option for your home depending on where the doors are going and how exposed to the elements they will be.

Non-weathered options offer a level floor finish and create a seamless transition between inside and out. Non-weathered options are largely recommended for internal usage.

With our cleverly engineered weathered option, however, the track can be recessed and sunk into the floor, leaving a minimal step into your new space. This threshold type ensures a home is kept watertight and weather protected.

Weathered and non-weathered thresholds are available.



Weathered threshold.



Non-weathered threshold.





## Hurricane Rated...

The Origin Bi-fold Door has been engineered to such high standards that it is one of the select few doors of its kind to pass Florida's rigorous High Velocity Hurricane Zone (HVHZ) testing standards without sacrificing thermal performance.

Your Origin Bi-fold Door makes use of premium locking mechanisms for maximum compression to protect you from extreme pressure, wind and water conditions, as well as wind-propelled debris – all while keeping your energy costs down.

Contact us today to ensure compliance with building regulations in your local area.



# Keeping the family safe...

Nothing is more important than safety and reliability in a home, which is why the Origin Door incorporates features that all of the family can benefit from.

The doors boast finger safe gaskets to prevent little fingers getting trapped when the doors are closing, magnetic catches that temporarily hold the doors in place whilst being operated, and threshold options which minimize boundaries, creating a seamless link between the internal and external, both of which are ideal for wheelchair access.

And because of the stringent quality control Origin have over all elements - aluminum checks, component performance tests and training regimes - it means that stress, worry and concern are replaced with complete peace of mind.



Magnetic catches can help hold the doors in place while you operate them



Weathered and non-weathered threshold options are both ideal for wheelchair access.



## Mid-rail option...

Helping further broaden your design possibilities, Origin offers the option of having a mid-rail pre-installed.\*

Paying tribute to an almost lost notion of a traditional singular back door, the mid-rail offers more privacy than a conventional door, and can be specified on any style whether it be for the bi-fold, corner, French or single door sets.

Elegantly executed, the mid-rail is fixed horizontally and is available in two options – one being a 60:40 split, and the other a 50:50 split.

\*Not available in all areas





## Aluminum...

Our aluminum brings benefits that you can and can't see.

**Style and slim sightlines are nothing without the strength and security that aluminum brings.**

Extremely strong, yet weighing 67% less than steel, Origin uses a premium grade aluminum across all products.

Needless to say, as with all things Origin, the aluminum that we use is far from average. By only using prime billets, it means that our aluminum has not been made up from re-melting scraps, which ensures much better control over the overall formulation, allowing a greater finish to be achieved.

Our aluminum brings benefits that you can and can't see.

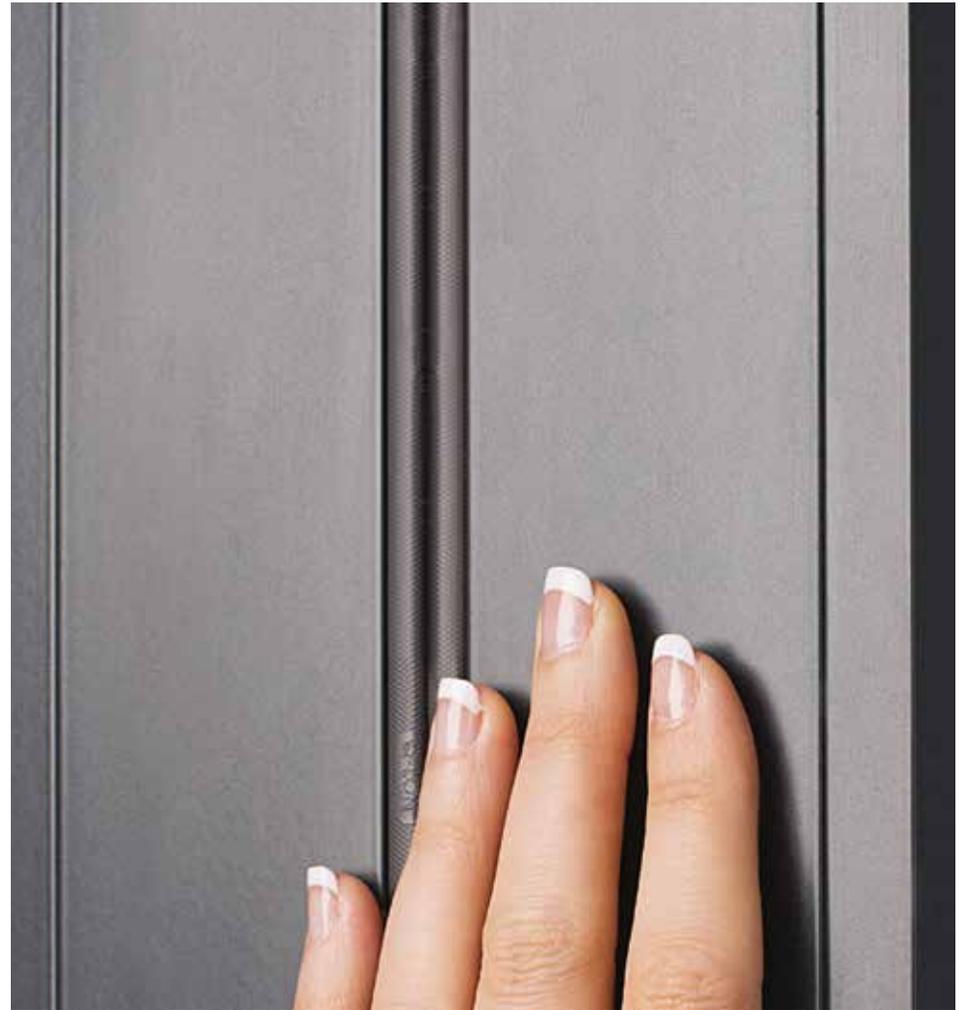
In terms of those you can't see – aluminum's innate strength makes the doors physically secure, energy efficient and highly durable. It is also resilient to the elements, so the frames won't flex, warp or corrode in varying weather conditions.

Our aluminum is hugely versatile and strong enough to easily accommodate us to manufacture complex door layouts, such as moving corner posts and bay setups, without being too heavy.

And for the benefits you can see – you will only need to feel an Origin Door to understand.

The sightlines of an Origin Bi-fold Door are stunningly slim to ensure a maximized view. Additionally, we only use the highest quality powder coating or resin, so whichever finish you opt for, it's sure to be smooth yet hard-wearing.

It's the quality, strength and durability that aluminum brings which allows Origin to provide such long warranties.





## To stand the test of time...

**The Origin Bi-fold Door has been engineered to perform and built to last.**

At each stage of the manufacturing process, each door undergoes rigorous quality testing to ensure that it leaves the Origin factory at a consistently unparalleled standard, makes the Origin Door and its level of quality very rare.

Our in-house research and development team work on a continuous cycle, tirelessly ensuring that each component, manufacturing technique and all features such as security, thermal efficiency and safety are optimized to maintain and excel in putting Origin at the forefront of design and manufacturing excellence.

Our uncompromising quality control, finely tuned components, precision engineering and exceptional craftsmanship all combine to enable Origin to offer a 10 year warranty for optimum peace of mind.





Origin have developed an outstandingly secure and completely unique 8 point locking system.



## Safe and secure...

### **A home isn't a home without safety.**

That's why Origin have developed an outstandingly secure and completely unique 8 point locking system, which passed the forced entry resistance test in compliance with AAMA 1304-02 and TAS 202.

Combining sophisticated style and elegance with the very latest in high performance, the Origin Bi-fold Door is designed to keep a home safe and secure from intruders.

3/4" linear bolts offer a smoother operation when engaging the lock, as well as giving maximum compression for increased weather resistance. Add deep throw 1" security hooks - the deepest engagement available on the market

today - and the lock delivers the best in both security and weatherproofing.

The weakest point of a locking system is often the barrel, but for us, there are no weak points.

The barrel choices are proven to protect against snapping, picking, drilling and bumping, offering a proven defense that is second to none.

We have a specifically designed hinge which is engineered to withstand attack and offers little opportunity for even the most determined intruder.

All of this, on top of the innately robust and strong aluminum profile, makes for an ultra-secure system.

# Thermal efficiency...

**It may not seem that a classic style goes hand in hand with thermal efficiency, but it certainly does with Origin.**

The Origin Bi-Fold Door has been engineered to optimize superior weather rating, security and aesthetic appeal. Each door features a specifically designed polyamide break that significantly limits the heat transfer from one area to another. That means whatever your climate, you can keep your room at the desired temperature whilst keeping the elements out. Maximizing natural light, removing barriers and complete temperature control, the Origin Bi-fold Door has it all.

Origin has optimum thermal efficiency as they boast a certified U-Factor as low as 0.28.

The Origin Bi-fold Door also makes use of some of the most sophisticated weathertight seals to ensure the elements stay out.

In real terms, this means energy bills will be reduced and your rooms will become usable all year round.





## Low maintenance...

**Origin makes your new life with Bi-fold Doors possible to enjoy without the worry of time consuming and complicated maintenance.**

The very nature of Bi-folding Doors demands precision driven design and engineering, making timber and uPVC inferior materials for maintaining alignment over the lifetime of the product. With our high grade aluminum, however, expanding and contracting is minimal, so it will offer the right combination of strength and weight to allow for a narrow, more aesthetically pleasing frame which will work flawlessly for decades to come.

Its impeccable finish removes the need for periodic painting, demanding maintenance and even protects against scratches and color fading, ensuring that the doors maintain their good looks.



## Door types...

### Bi-fold Door

#### **The door that started it all.**

Origin Bi-fold Doors come in configurations ranging from two to eight door sets, and can create an entirely new living space; all it takes is a gentle push.

Each door can be manufactured as narrow as 2' and as wide as 4' (non-impact), and the folding and sliding choices are there to help ensure you make the most of your space requirements.

Please see page 26 for a rough indication of sizes and popular configurations.



### Corner Sets

#### **Put simply, we know that there are times when conventional door sets just won't do.**

No matter the type of build or how unconventional the layout, we can work with you to ensure that you're making the right use of your space with the right door.

Sets of corner bi-fold doors allow for a point of light in a previously shaded corner, and can be manufactured with or without fixed posts for a truly unrestricted panoramic view.



## French Door

**Traditional style with a modern touch, Origin French Doors are great for areas where space is at a premium, to ensure you get the most from your view.**

Hinged to open a full 180 degrees, they can be manufactured to open inwards or outwards to maximize on space, but will only open as far as the brick or wall will allow.

French doors can stand alone in openings ranging from 2.6'-8'. Alternatively, fixed panels can be added to either side to fit into larger openings.



## Single Door

**Origin offers a single door option, which is manufactured with the same care and attention to detail as the rest of Origin's products, ensuring a beautifully harmonious look.**

Our single door consists of the same slim profile as our bi-folding doors, and can be used as a side exit door or utility door.





# Configurations...

Choosing your Origin Bi-fold Door has never been easier. If you know your rough opening size, find the nearest opening measurement in the table below and scan down the column to view your possible door options.

Alternatively, if you're set on a particular number of doors and you are designing your opening around them, select your preferred number of doors in the left column and scan across to identify the opening sizes available to you. Remember, every door we make is custom and manufactured to your exact sizes and chosen configuration.

approximate opening

	2 Foot	4.5 Foot	6 Foot	7.5 Foot	9 Foot	10.5 Foot	12 Foot	13.5 Foot	15 Foot	16.5 Foot	18 Foot	19.5 Foot	21 Foot	22.5 Foot	24 Foot
1 Door	■														
2 Door		■	■												
3 Door			■	■	■										
4 Door					■	■	■								
5 Door						■	■	■	■						
6 Door								■	■	■	■				
7 Door									■	■	■	■	■	■	
8 Door										■	■	■	■	■	■

\*Above sizes are for guidance only and are subject to glass specification.

**Key:**  
 Optimum door leaf sizes

## Single Door



Manufactured in the same high grade aluminum as every other door type, the single door is great for ensuring a matching, complementary style. It can be used for any purpose including side exit, utility or even back door.



## Our recommended 2 door configurations:

### 2 Door 2+0



Our 2 door sets work for small openings. This door type comes with a mullion and can be specified with a secondary locking barrel.



### 2 Door French Door



The Origin French Door matches our bi-folding doors perfectly. It comes with our leading multipoint locking system.



## Our recommended 3 door configuration:

### 3 Door 3+0



We recommend the 3+0 configuration as it allows for all doors to be folded back in the same direction while incorporating an everyday access door.



Also available:  
3 Door 2+1



### Key



Everyday access door



Mullion



Multipoint lock



10 YEAR 10 year warranty



Custom



Configurations continued

Our recommended  
4 door configuration:

4 Door 3+1



The 3+1 is a favorite because it will give an everyday access door, multipoint lock and no mullion. It also can offer a French Door effect one side, with the additional benefits of bi-folds on the remaining doors.



Our recommended  
5 door configuration:

5 Door 5+0



This configuration works almost identically to the 3+0 configuration, meaning it comes with an access door, multipoint lock and no mullion.



Also available:  
4 Door 4+0



4 Door 1+1  
with fixed side panels



Also available:  
5 Door 4+1



5 Door 3+2



## Our recommended 6 door configuration:

6 Door 3+3



Ideal for larger openings, the 3+3 is one of the most diverse configurations as it can operate as a French door at the center, have 3 doors opening one way while the other 3 remain closed, or they can be opened fully with 3 doors folding each way to offer complete symmetry.



## Our recommended 7 door configuration:

7 Door 3+4



This door set will allow you to have an everyday access door, with our multipoint lock. We also recommend this configuration due to its ease of operation.



Also available:

6 Door 6+0



6 Door 5+1



Also available:

7 Door 7+0



7 Door 6+1



7 Door 2+5



### Key



# Did you know Origin also provide custom aluminum windows?

Using a similar style profile, the Origin Bi-fold Door and Window are designed to aesthetically complement one another.

The Origin Window is available in various configurations, and is available in the same color palette as the Origin Bi-fold, ensuring a whole home cohesive look.

It's also manufactured by us in our state-of-the-art facility in Florida, so you can be assured of expert craftsmanship and flawless quality, which is why we're confident in offering a 10 year warranty.

Contact us today for more information.



## Internal and external flush casement

Smart and clean in appearance, the sash sits neatly inside the window frame, creating an industry-first internal and external flush casement - a style that will perfectly complement any property type.



## Ultra-secure

Featuring innovative bi-directional locking technology, high grade stainless steel hinges and hinge guards as standard, the Origin Window offers a property supreme security.

Available configurations:  
casements,  
awnings, fixed frames  
and transoms



Introducing Aerogel - it's not only used to insulate space shuttles and spacesuits, but now, also your home thanks to Origin, enabling a phenomenal thermal efficiency to be achieved.









## Practical information...

### **Glass and Glazing**

The Origin Door is able to accommodate double 1"- 1 1/8" and triple glazed 1 1/4" units, and allows for all sorts of glass types including tempered, heat strengthened, tinted, or etched.

Your selected Origin dealer will be able to guide you along this process in selecting the right glass for you.

### **The Manufacturer**

In the fenestration industry, the brand of the product is rarely the company that manufactures it. A major consequence of this method means that quality can vary drastically between one manufacturer and another, and there is therefore no assurance that the doors produced are to the parent company's specification and quality standards.

This is where Origin are different. Unlike the rest, Origin keeps full control of the product from start to finish.

## The Next Step...

Once you're set on transforming your home through the installation of award-winning bi-fold doors and windows, contact Origin via the details on the reverse.

From here, our expert customer service team will be able to answer any additional questions you may have, or will be able to direct you to your local accredited Origin dealer.

Our nationwide network of dealers are carefully selected and extensively trained to ensure you receive the greatest quality product backed with a reliable and helpful service.

Visit your local showroom to view the Origin product range. Your accredited Origin dealer will be the one undertaking your installation, so they will be best placed to discuss your building project and costs with.







Origin is the world's leading manufacturer of aluminum architectural solutions.

Established initially in 2002 in the UK, Origin have since expanded operations to the US, now striking the perfect balance between British engineering and North American manufacturing expertise.

Now award-winning and operating internationally, Origin began as a family company dedicated to the design, creation and manufacturing of the best quality doors, backed by uncompromising levels of service.

Cousins, Neil Ginger and Victoria Brocklesby, have since worked relentlessly to perfect the design and functionality of bi-folding doors, and to create and maintain the highly respected reputation for quality and service that they have today, while expanding the range to include windows.

As the business has continued to grow and diversify, the foundations of family ethos, pride and ownership in all stages of production firmly remain.

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DOORS AND WINDOWS

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Windows

Bi-fold Doors