

INTEGRAL BLINDS



FOR WINDOWS, BIFOLDING DOORS, CONSERVATORIES & MORE

MANUFACTURED IN THE
UNITED KINGDOM

HARMONISING YOUR GLAZING & SHADING

NO CLEANING OR MAINTENANCE





IT ALL STARTED WITH A PASSION

QUALITY IS AT THE HEART OF WHAT WE DO

It all started with a passion; to supply the highest quality Integral Blinds in the UK. Offering unique features to improve their functionality, appearance, usability and durability – and we have done just that. Our vision is to supply the highest quality Integral Blinds in the industry, while providing excellent customer service at the same time.

The team behind our integral blinds have a combined experience of more than 50 years in the manufacturing and supply of integral blinds, more than perhaps anybody else in the UK.

From the outset, we wanted to ensure we supplied a system that outperformed all others in terms of appearance, functionality, ease of use, and usability. We paid close attention to the feedback from consumers, as well as close attention to the issues with other systems in the industry.

From this our we were able to design a system using the highest quality components available in the industry, one which is symmetrical in appearance, one which uses enhanced magnetic technology, and one which is mechanically tested to 10,000 repetitions which guarantees its longevity and durability, which is why we off a 10-year warranty, which is double the industry standard.

Our integral blinds are the only integral blinds available on the market that are truly fabricated and manufactured here in the UK - which allows us to have complete control over quality, as well as offer unrivalled lead times and innovation.

ENHANCED MAGNETIC TECHNOLOGY

IN FRENCH DOORS





ENHANCE THE LOOK & FEEL OF YOUR HOME

Modern doors such as bifolds, sliding doors, and french doors need modern solutions when it comes to dressing options, our integral blinds maintain and enhance the modern, sleek and clean look and feel of your windows and doors. The clean and superior appearance of our integral blinds is achieved through using aluminium 12.5mm slats, as well as inserting and sealing the blind in-between your double or triple glazed units. Using 12.5mm aluminium slats results in a venetian blind that does not overpower the look and feel of your windows or doors, instead they blend into your windows and doors giving a crisp and clean appearance, which compliments the look of your windows and doors, rather than spoiling or overpowering them. Inserting our blinds in-between double and triple glazed units means that they fit perfectly inside each glazed unit, this gives a very neat, slick, and modern finish, while leaving zero gaps for light to enter.

We have personally dealt with thousands of integral blinds enquiries over the span of several years from homeowners from every corner of this country. In our experience the biggest concerns for homeowners when wanting to buy integral blinds are how good the blinds look, how well they work, and what the guarantee is. Our integral blinds look the best, work the best, and we provide a full 10-year warranty to give you peace of mind. Our rapid raise and lower magnetic integral blinds are the result of high quality components, and decades of manufacturing experience. Every single one of our magnetic controls is tailored to the size and weight of the blind it operates, we take the time and effort to do this to ensure the end user is getting a system that is very easy and smooth to operate



TRULY ENJOY YOUR WINDOWS & DOORS

Why spend thousands of pounds of your hard earned money on new windows and doors for them to be covered up by conventional blinds or curtains. When we buy new windows and doors, we deliberate and make conscious choices on the material, colour, style, configuration and glass area. We make our choices so that our new windows and doors; being an integral part of our home, look great and compliment the decor of the rest of the home. When you choose integral blinds, they exist inside the glass area that you would already have in your windows and doors, while allowing every single inch of the rest of your windows and doors to remain visible, regardless as to whether your blinds are open or closed, this allows you to enjoy the look and feel of your windows and doors anytime, and all the time. Look at the picture above, a beautiful bifolding door with our integral blinds, the blinds allow the homeowner to keep every inch of their new door visible, while still being able to open and close their blinds, controlling light and privacy.

Conventional blinds such as curtains and wall mounted blinds, when closed, cover your windows and doors, putting them out of view. This also spoils the opening as it begins to look busy, with a lot going on, they also require poles and headrails to be drilled and screwed into the wall above your windows and doors, again this can not only look messy, but also spoils the clean and modern finish of your opening. With large openings, a single venetian blind is not possible, several blinds are required to be drilled in, they look messy, flap around in the wind, get dirty and are nuisance to clean, get damaged easily, are a safety hazard, and inevitably have gaps in-between each blind. Perfect fit blinds which are fixed to the face of your windows or doors also come with all of these problems, but also look bulky, spoil the look of your windows or doors, and can interfere with the operation of your windows or doors.



FOR SLIDING DOORS





WHAT ARE INTEGRAL BLINDS

BLINDS THAT ARE SEALED IN-BETWEEN THE GLASS

There are many phrases used to describe this product, including integrated blinds, interstitial blinds, blinds in glass, internal blinds, enclosed blinds, built in blinds and more, however they all refer to the same product, which is Integral Blinds. An integral blind refers to a sealed unit (which is the glass or glazing element that is installed into window and door frames), which has a blind sealed in-between, or in the cavity of the sealed unit. As we have already mentioned, sealed units are simply the glass or glazing element that is fitted into window and door frames. In the UK, sealed units are overwhelmingly what we call double glazed, meaning that the unit is made up of two panes or sheets of glass, that are glued and sealed together which makes a sealed unit.



IN SLIDING DOORS



WHAT ARE INTEGRAL BLINDS

INTEGRAL BLINDS CAN BE RETROFITTED INTO YOUR EXISTING WINDOWS AND/OR DOORS

If we imagine a sealed unit, first we have the inner pane of glass, which in the UK is most commonly 4mm toughened, we then have a cavity or space which is commonly 20mm in the UK, the cavity or space is achieved by using a 20mm spacer bar, the spacer bar runs around the edge of all 4 corners of the sealed unit, so that when the sealed unit has been installed it is out of view. Finally, we have the outer pane of glass, which again is 4mm toughened, this gives us a 28mm thick double glazed unit, as two panes of glass have been used. An integral blind is exactly what has just been described, it is a sealed unit for windows and doors, the difference is that an integral blind sealed unit has a blind that has been inserted and sealed into the cavity of the sealed unit. The standard thickness of sealed units in the UK is 28mm, two 4mm panes of glass and a 20mm cavity, this is perfect for us, as a 20mm cavity allows enough space for our blind to fit and operate without issues, our integral blinds require a minimum cavity of 16mm, anything below that and it is not possible for a blind to fit in the cavity of the sealed unit.



IN WINDOWS



VENETIAN

ALL OF OUR INTEGRAL BLINDS ARE VENETIAN, AND MADE USING HIGH QUALITY ALUMINIUM

Venetian blinds are one of the most popular types of blind available for contemporary homes, even though they have a long history of use in home and commercial premises of all styles. There's something distinctive about Venetian window blinds that continues to make them both a popular choice and an attractive one. The structure of Venetian blinds is a simple one: they are horizontal slats made from aluminum and suspended on ladder cords. They can be easily adjusted to let in more or less light, and they're easy to raise and lower. Venetian blinds have a long reputation as the go-to blind for home settings, and this remains the case. The attraction for homes is that Venetian blinds allow the amount of light filtering into a room to be adjusted as and when it is necessary. Whereas curtains often block all light or none, Venetian blinds can be easily adjusted to both limit the amount of light and alter the direction that it's entering the room.

This is what makes them an excellent option for kitchens and bathrooms too. As well as the hygienic benefits (see more on this later), they allow for light control in rooms where constantly drawing and undrawing curtains or turning the light on and off would be impractical and a waste of energy – both your energy and the planet's. In 95% of windows and doors some kind of window dressing to provide privacy, sun protection and light diffusion, or just simply some degree of design detail is essential; and Venetian blinds are probably the most practical of all kinds of window blinds as they offer all three of the above. Venetian blinds offer a unique look combined with ease and simplicity of use. Their unique style has become increasingly popular over recent years and venetian blinds have a well-deserved place, not only in our windows, but as a major and integral part of our interior design schemes.



THE BLINDS CANNOT GET DIRTY

Are you tired and fed up with your blinds constantly becoming dirty and dusty, and then being difficult and time consuming to clean? Our integral blinds are the perfect solution, as they can never become dirty or dusty, and therefore never need to be cleaned! The blinds are hermetically sealed inside of the double or triple glazed unit; a hermetic seal being both watertight and airtight. The blind is sealed in-between the sealed unit during the manufacturing process in our factory, before the seal is applied we ensure the blind is clean and free from any dust or dirt, therefore, by the time the integral blinds are installed into your home they are immaculate, and they will never get dusty or dirty, and will never need to be cleaned for the lifetime of the sealed unit.





THE BLINDS CANNOT BECOME DAMAGED

The blinds cannot become damaged and stay in perfect condition! The blind is sealed in-between the double or triple glazed unit, and protected on both sides with toughened glass, therefore the blind cannot become damaged as they cannot be physically touched.

Conventional blinds that exist outside of the glass very quickly become damaged, with bent slats, twisted slats, scratches, and marks - which often leads to faults with the operation of the blind. You do not have to worry about these issues with our integral blinds, if you have small children, or pets, you not have to worry about them damaging your blinds, and even several years after your integral blinds have been installed, they will still look in perfect condition!



FOR FRENCH DOORS



EXCELLENT PRIVACY CONTROL

Internal Blinds give you excellent flexibility when it comes to privacy. Each individual sealed glass unit has its own integral blind that is sealed in-between the glass, and each individual blind has its own small discreet controls to operate the integral blind, therefore you have the flexibility of controlling privacy on an individual glass unit basis. For example, say you have a 2-panel sliding patio door and you only wish to close the blinds on one side of the door, you can do so by simply only closing the blinds in one of the doors. The same applies if you have a 6-panel sliding patio door, it may be that you only wish to close the blinds on 1 or 2 of the doors to stop the sunlight coming in were it is creating glare on the television, with internal blinds you are able to close the blinds on each individual door





OPERATE YOUR DOORS WITHOUT ISSUES

Our integral blinds exist inside your double or triple glazed units that are installed into your windows and/or doors, they take up zero additional space outside of the glass which you would already have installed, and do not interfere in any way with the operation of your windows or doors, this makes them the perfect shading solution when it comes to many different systems of windows and doors. For example, conventional blinds can get in the way of the operation of bifolding doors, sliding doors, and tilt and turn windows, which is not only frustrating, but can also cause damage to your blinds and windows/doors. Our integral blinds move inline with your windows/doors as you operate them, and do not flap around in the wind like conventional blinds.



BENEFITS

- ➡ The blinds can never get dirty or dusty, they never need to be cleaned
- ➡ Can't become damaged, they are protected by toughened glass on both sides
- ➡ Very easy to operate - far quicker than conventional blinds, raising and lowering in seconds using 1 finger
- ➡ They do not get in the way of the operation of your windows or doors - they move inline with your windows and doors as they are built into the glass unit
- ➡ They take up no additional space outside of your windows or doors - they exist inside the glass which you would already have
- ➡ They are safe - no cords or strings that pose a safety risk to small children and pets



BENEFITS

- ➡ They look amazing - the 12.5mm built in blinds leave you with a modern, sleek and stylish finish, complementing the look and feel of your doors and windows
- ➡ They offer great control of privacy - the blinds can be tilted at many different angles giving complete control over privacy
- ➡ Excellent light control - each glass panel has its own blind, allowing you to open or close certain areas of the room to or from daylight. You could allow daylight to enter in one area, while restrict in another area that is causing glare on the television
- ➡ They require no mechanical fixings, unlike conventional blinds which require rails and poles to be drilled into the wall above your windows or doors
- ➡ They last far longer than conventional blinds while looking brand new



BENEFITS

- They don't spoil the appearance of the face of your windows and doors like perfect fit blinds, which cover your windows and doors and make them look bulky. They exist inside your glass units and therefore do not cover your windows or doors in any way
- They help regulate room temperature - helping retain heat on cold days, and preventing solar gain from entering on hot days
- They protect and prevent your furniture from fading from UV rays
- They fit perfectly inside your sealed glass units - allowing no gaps for light to enter
- Ideal in rooms where blinds can get wet such as bathrooms and kitchens - our blinds can't get wet or become exposed to moisture

GONE ARE THE DAYS OF HAVING TO DRILL INTO YOUR WALLS TO PUT UP LARGE CHUNKY BLINDS OR CURTAINS THAT TAKE UP TOO MUCH ROOM, THAT ARE A NIGHTMARE TO OPERATE, A NIGHTMARE TO CLEAN, AND THAT IDEALLY NEED REPLACING EVERY FEW YEARS. INTEGRAL BLINDS ARE BLINDS THAT FIT NEATLY IN-BETWEEN EACH INDIVIDUAL SEALED UNIT, THEREFORE THEY DO NOT TAKE UP ANY ADDITIONAL ROOM OUTSIDE OF YOUR WINDOWS OR DOORS, ALLOWING YOU TO ENJOY MORE OPEN SPACE, AS WELL AS ALLOWING YOU TO ENJOY THE VIEW OF YOUR WINDOWS AND/OR DOORS EVEN WHEN THE BLINDS ARE CLOSED.





FOR BIFOLDING DOORS



MANUAL MAGNETIC BLINDS



NO CORDS, WANDS, OR KNOBS

Our magnetic slider system can pretty much do it all. While competitors have to resort to offering all kinds of systems that are inferior in operation, such as cords, wands and knobs - in our opinion these systems render your integral blinds useless if you wish to raise and lower the blinds, as it becomes very unpleasant and time consuming. We can manufacture our slider system up to 2000mm wide, and up to 2800mm height, this is in our rapid raise and lower slider system. We can also manufacture our integral blinds as narrow as 200mm in width, and as small as 200mm in height, allowing you to have integral blinds in small glazing areas such as fanlights, toplights, and sidelights. Our manual magnetic slider system is manufactured using the worlds leading components and the latest magnetic technology. Our manual magnetic integral blinds can be raised and lowered in seconds, using 1 finger, even with larger units in bifolding doors, our rapid raise and lower integral blinds can be operated in seconds by sliding the control up and down the face of the glass.

Our rapid raise and lower magnetic integral blinds are the result of high quality components, and decades of manufacturing experience. Every single one of our magnetic controls is tailored to the size and weight of the blind it operates, we take the time and effort to do this to ensure the end user is getting a system that is very easy and smooth to operate

SYMMETRICAL AS STANDARD

Our slider manual magnetic integral blinds are symmetrical as standard, which means that there is a side profile on both the left and right hand side of the sealed unit. Technically, there only needs to be a side profile on one side, which is the side you choose to have your controls, however we put a side profile on both sides to achieve a symmetrical finish, as in our experience it is what homeowners want and prefer. You always have a headrail at the top of the sealed unit.

MANUAL MAGNETIC

One system that does it all

Our most common system is our magnetic system which is controlled manually by hand using two small discreet magnetic controls which sit on the face of the glass. The controls sit on the face of the perimeter of the glass, and can either be on the left or right hand side of the unit. One of the control blocks operates the raising and lowering of the blind, sliding the control up and down the glass in turn raises and lowers the blind inside the unit. The second control block operates the tilt function, moving the control up and down the glass tilts the blind open and closed. The internal blind moves twice the distance as the control, therefore you only have to slide the control up or down 50% of the height of the glass in order to fully raise or lower the blind. With integral blinds you have the same functionality as a conventional blind, you are able to tilt or rotate the slats to various different angles, as well as raise and lower the blinds to various levels.

Maximum Specification

Width <2000mm

Height <2800mm

Max SQM = <2.6sqm

Minimum Specification

Width >200mm

Height >200mm

Minimum SQM = >0.07sqm

RAPID RAISE & LOWER



10-YEAR WARRANTY



MAGNETIC CONTROLS

SLIM & DISCREET

We use the latest enhanced magnetic technology when it comes to our magnetic controls. We feel our magnetic integral blinds are the easiest to raise and lower in the industry, not only does this improve the user experience, but it also puts less strain on the internal mechanism which makes our system more durable, which is why we offer the longest warranty in the industry, 10 years.

It's also very important if you have a large number of integral blinds, say for example if you have several integral blinds across several panes of bifolding doors, the last thing you want is integral blinds that are both difficult and time consuming to raise and lower. Our integral blinds can be raised and lowered with 1 finger within seconds. Every single magnetic control we put out onto the market is tailored to the size and weight of the blind it operates, using the latest enhanced magnetic technology allowing you to raise and lower your blinds easily and rapidly.

Your colour of your magnetic controls will be matched to the colour you choose for the perimeter frame of your integral blinds.



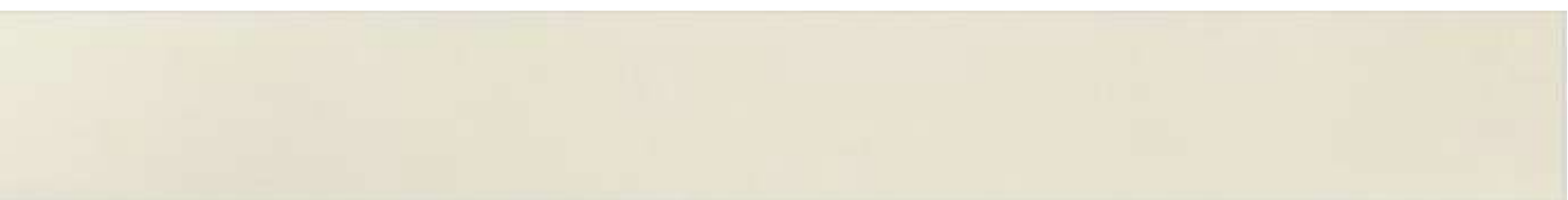
COLOUR OPTIONS

For illustrative purposes only, please request a free physical colour swatch

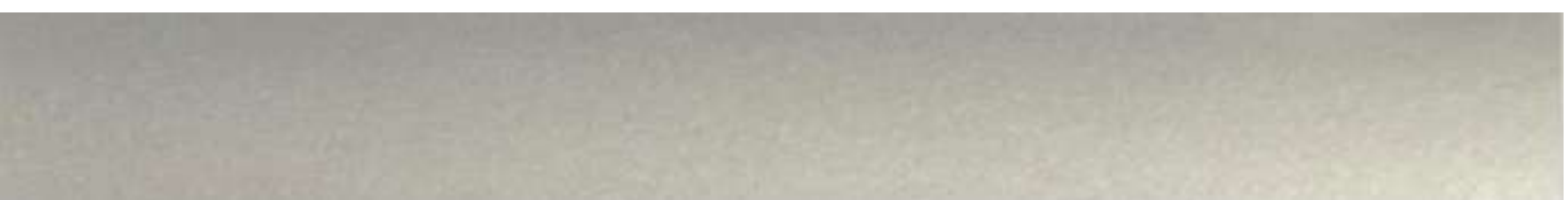
White - available for slats, perimeter frame and slider controls



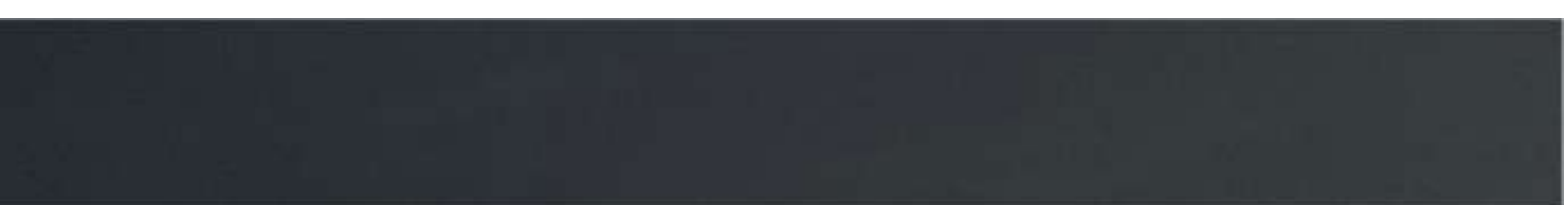
Cream - available for slats, perimeter frame and slider controls



Silver - available for slats, perimeter frame and slider controls



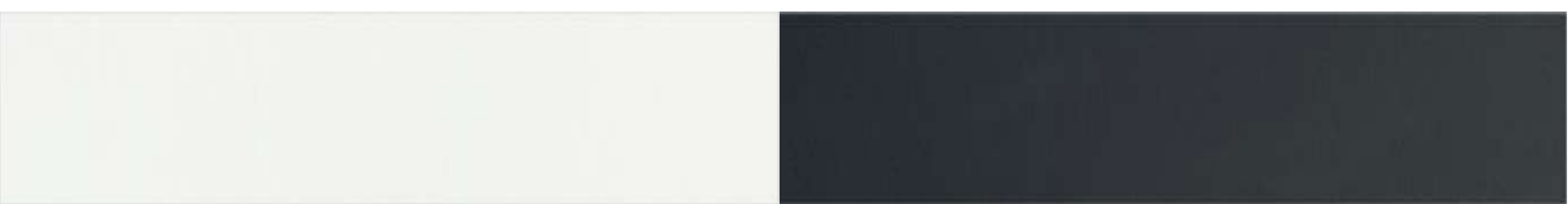
Anthracite Grey - available for slats, perimeter frame and slider controls



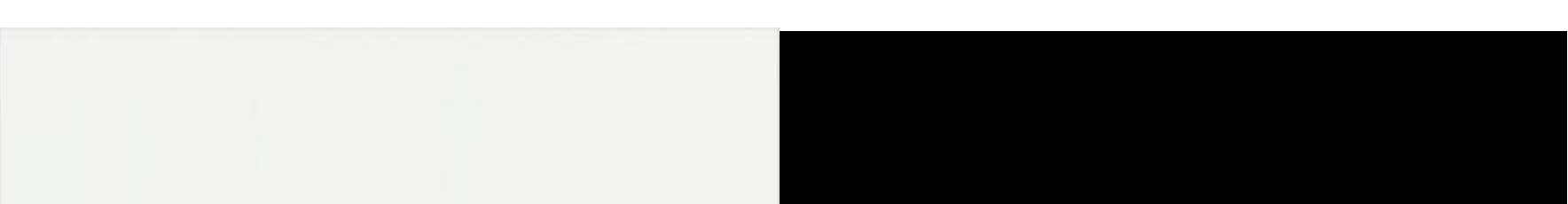
Black - available for slats, perimeter frame and slider controls



Dual colour - White inside / Anthracite Grey outside - available for slats & perimeter frame



Dual colour - White inside / Black outside - available for slats & perimeter frame



Your integral blinds are made up of the slats, the perimeter frame (which includes the side frames & headrail), and your magnetic control blocks. When choosing your colours for your integral blinds, you have to choose your desired colour for your slats, and for your perimeter frame. You can choose to colour match, and have the same colour for both your slats and perimeter frame, or you can choose a colour contrast.

For example, you can choose to have your slats and perimeter frame both in white, or you could choose to have an anthracite grey perimeter frame, to match the colour of your existing windows or doors, and then you could choose to have your slats a different colour, for example, silver.

As standard your magnetic controls will always be the same colour as the colour you select for your perimeter frame, for example if you choose to have a black perimeter frame, your controls will also be black. You can specify if you would like your controls a different colour to your perimeter frame colour, as long as it is a colour we have available, such as white, cream, silver, anthracite grey, or black.

10-YEAR WARRANTY



THE LONGEST WARRANTY IN THE INDUSTRY

We want you to feel comfortable when choosing us to supply your integral blinds for your home, and that's why we offer a full 10-year warranty on our magnetic integral blinds. The team behind our integral blinds system have combined experience of over 50 years in the manufacturing and supply of integral blinds, and have developed an integral blinds system that in our opinion outperforms all others in terms of quality and durability.

Our system is manufactured using the highest quality materials on the market, such as toughened glass from Saint-Gobain, and a blind system that is unique to us - made using high quality aluminium slats & frame, and enhanced magnetic technology. Our guarantee covers the sealed glass unit; protecting you against fog and condensation, as well as guaranteeing the blind mechanism and the internal components, so it really is a full warranty protecting the entire product..

Tested to 10,000 repetitions

Our integral blinds are mechanically tested to 10,000 repetitions, proving the quality and durability of our integral blind system, this process is not carried out by any other integral blinds system on the market to our knowledge. Each week, 2 sample integral blinds are tested to 10,000 repetitions, a machine raises and lowers the blind on one unit, while tilting the blind open and closed 10,000 times on another unit, this process is carried out on a weekly basis and each time our integral blinds system performs perfectly with no issues from the beginning to end.

If you were to operate your integral blinds once a day, 10,000 repetitions is equivalent to over 27 years of use, this is evidence of the quality and longevity of our magnetic system.



PERIMETER FRAME

Magnetic integral blinds come with both a headrail at the top, and a perimeter frame on the left and right of the glass that are both also sealed inside the glass, this is required in order to conceal the components that make the internal blinds work, for example, the magnets inside the control casings connect to internal magnets that are attached to the strings of the internal blinds, which is all concealed inside either in the left or right side perimeter frame, depending if you have the controls on the left or right hand side. Once your magnetic integral blinds are installed, approximately 30mm of the perimeter frame will be visible on the left-hand and right-hand side, being equal on both sides of the unit, providing a symmetrical finish. Technically, the perimeter frame will only be needed on one side; the side where you choose the controls to be, however, we always put the perimeter frame on the opposite side to provide a clean symmetrical look.

If you are concerned about losing sightline as a result of the perimeter frame when considering our magnetic integral blinds, you can opt to have the perimeter frame just down one side of the glass, this will be down the side where you choose to have your controls, having the perimeter frame just on one side means that you lose less sightline/glass area.

Although you lose a little sightline when installing our magnetic integral blinds, the multitude of benefits you get from installing them outweighs that small compromise. We have retrofitted our magnetic integral blinds into thousands of window and door frames across the UK, and we have never had a client that has regretted their decision.



APPLICATIONS

One of the most common questions we get asked is whether our Integral Blinds can be used in windows as well bi-folding doors. The simple answer is that our Integral Blinds can be used in any frame that can accommodate a sealed glass unit of 24mm or above.

It doesn't matter if the frame is uPVC, Aluminum or Timber, it doesn't matter if the frame is a tilt & turn window, a bi-folding door, a patio door, or a casement window, as long as the frame can accommodate a sealed glass unit of 24mm or above, our Integral Blinds can be used!



SUITABLE FOR ALL OPENINGS




FOR WINDOWS





STANDARD SPECIFICATION

Our integral blinds are manufactured as standard using the following specification:

- All of our integral blinds are toughened as standard, all panes are toughened, we do not manufacture our integral blinds using non-toughened glass
 - All of our integral blinds are injected and sealed with Argon gas, for long-term energy efficiency and performance
 - As standard all of our integral blinds are manufactured using Planitherm Total + low-E glass on the inner pane of glass. We can manufacture our integral blinds using any other type of coating or glass type on request, price on application
 - All of our integral blinds sealed units are dual sealed, using PIB as the primary seal, and Hotmelt as the secondary seal, which is the most popular secondary sealant used in the UK market)
 - Warm Edge Spacer as standard, improving the thermal efficiency of the sealed unit and reduces the risk of condensation
- 

ENERGY EFFICIENCY



ARGON FILLED AS STANDARD

One of the main purposes of an energy-efficient window is to stop heat transfer through the window, which contributes to a better-insulated building envelope. This is where Argon gas can help. Argon gas is an inert gas, which means that it isn't prone to undesirable chemical reactions. The gas is considerably denser than air and has a much lower thermal conductivity, about a third less than air. The lower thermal conductivity of Argon gas means that heat doesn't transfer as quickly through the gas as it would do air, so more heat stays on the inside of a property, rather than escaping through the window and being lost to the outside.

The layer of gas is essentially an extra layer of invisible insulation, protecting your home from heat loss, sound infiltration, and even problems like condensation. There are near endless ways to create a unique window, yet not every variance in window design can be seen. One of the biggest variances is the gas that's used to fill the void between the two panes of glass in a double-glazed unit.

Double glazing, in a form that would be recognisable today, has been around since about the 1930's. In the almost 100 years since double-glazing was invented, it has undergone some very big changes. Many of these changes have been to improve the energy-efficiency of the glazing. As windows are fairly vulnerable to heat loss, the better the efficiency of the glazing, the less heat that a property will lose through windows.

The changes to the glazing have been both big and subtle. notably the void in between the glazing has changed size, and the glass has been altered to make it more efficiency. However, one of the main changes that can be made to double-glazing, in order to boost the energy efficiency, is to change the gas in between the glazing, from air to Argon. Argon gas is also denser and heavier than air, which helps to prevent condensation.

TOUGHENED GLASS AS STANDARD

All of our units are manufactured using toughened glass

Toughened glass - also known as tempered glass - is up to five times stronger than regular glass. This is achieved by heating regular glass at high temperatures, and then cooling very quickly. This process makes it tougher, and more resistant to heat and shock than ordinary glass. Toughened glass is five times stronger than regular glass of the same size and thickness, which means it can withstand a much harder hit without breaking and is less prone to shattering.

Standard glass breaks into large, sharp pieces with jagged edges. This presents a serious risk of injury if you were to fall against it. To reduce this risk, we put the standard glass through a toughening process. This process changes the structure of the glass so that if it breaks it shatters into lots of small pieces. These small pieces are about the size of your ginger nail, and safer than a few large sharp pieces.

Toughened glass is also five times more heat resistant than standard glass and can withstand temperatures up to a sweltering 250 degrees, and has almost twice the soundproofing abilities of standard glass.

10-YEAR WARRANTY

FIVE TIMES STRONGER



WARM EDGE TECHNOLOGY



WARM EDGE SPACER BAR AS STANDARD

All of our integral blinds sealed units are manufactured using a Warm Edger Spacer as standard. Warm edge products help to minimise energy loss. Warm edge spacer bars significantly lower the temperature differential between the centre and edge of the unit and up to 94% reduced heat loss (or heat gain) at the external edge of a window.

Double glazed windows fitted with warm edge spacer bars have a warmer internal edge temperature of up to 65% , which helps to improve the thermal efficiency of the window and reduce the risk of condensation. Warm edge technology can help to reduce condensation on your sealed unit by up to 70%. This reduction in moisture eliminates the chance of mould growth and potentially harmful bacteria. Contributing to the environment, heat-saving can help to reduce the heat consumption or air conditioning requirements of a home which in turn lowers carbon emissions and can help save money on fuel bills.

Until recently, aluminium spacer bars were widely used in the construction of insulated glass units. Aluminium is highly conductive and has an exceptionally high thermal energy loss. With ever-improving window frames and glazing systems and an emphasis on thermal efficiency, the market has seen a huge switch to warm edge technology.

Reducing energy consumption is undoubtedly a must. The switch has resulted in the requirement for windows with increasingly lower thermal transmittance values, U_w [W/m² K]. The warm edge used today in insulating glass units has played an important part in achieving these objectives. In the same vein as the gas fill, glass spacers play a significant role in thermal performance of an insulating glass unit. Therefore, it is imperative to make sure your spacer technology is effective and sustainable.



MANUFACTURING
EXCELLENCE



MANUFACTURED IN THE UNITED KINGDOM

FOR WINDOWS, BI-FOLDING DOORS, FRENCH DOORS, AND MORE

CONTACT US TODAY FOR A FREE
NO-OBLIGATION QUOTE