SEE YOUR WORLD DIFFERENTLY



Uni-Blinds®

Innovation comes built-in

BRINGING GLAZING TO LIFE

Add a sophisticated new dimension to your home with stylish, elegant Uni-Blinds® integral blinds.

Say goodbye to the clutter of wall or frame mounted blinds and banish curtains with a shading solution for your windows and doors that's completely encapsulated within the glass, perfect for your home.

Outstanding aesthetics are matched with superior technical and functional qualities, with all Uni-Blinds® manufactured to the highest standards in Yorkshire using the world-renowned ScreenLine® systems from Italian blinds specialist Pellini.

Combine Uni-Blinds® with our range of advanced glass products for your windows and doors to make a difference to your home that you didn't think was possible.







UNI-BLINDS® INNOVATION COMES BUILT-IN

Being permanently sealed within the cavity of double glazed units makes Uni-Blinds® unrivalled in the control of light and shade.

A choice of five control systems offers a premium quality light control solution for every type of window, door or façade. Their design and neat containment within each frame of the window or door makes Uni-Blinds® the most viable and best-looking shading option for bi-folding or sliding doors.

Whichever system you choose, you can have total peace of mind that – with ScreenLine® inside – all Uni-Blinds® are designed and made to operate smoothly and reliably over a long, virtually maintenance-free service life.







CREATE YOUR PERFECT HOME

Our homes are so much more than bricks and mortar. They are an expression of our personalities, a place to enjoy, socialise, relax in and cherish, which is why we dedicate so much of our lives to getting them just right.

For many of us, installing new windows and doors is one of the most important ways to upgrade our home or completely transform our property in more ambitious projects.

Often this is driven by practicalities – making it warmer, more energy efficient, increasing security or simply to replace windows that are looking tired. But why stop there?

With high quality Uni-Blinds® integral blinds and glazing that's tailored exactly to the needs of your property, new windows and doors can become an active part of a superior quality, ultra-comfortable and smart home.

Privacy matters

We appreciate our homes because they are our space. So much of our modern lives are lived in the public domain, so it's important that we give ourselves the opportunity to stay private when we choose to.

For those of us living next to busy roads, railway tracks or overlooked by neighbouring properties, Uni-Blinds® are a godsend. They ensure we can choose to share as much or as little as we like with the outside world, taking pleasure in being able to close out our surroundings easily and quickly.

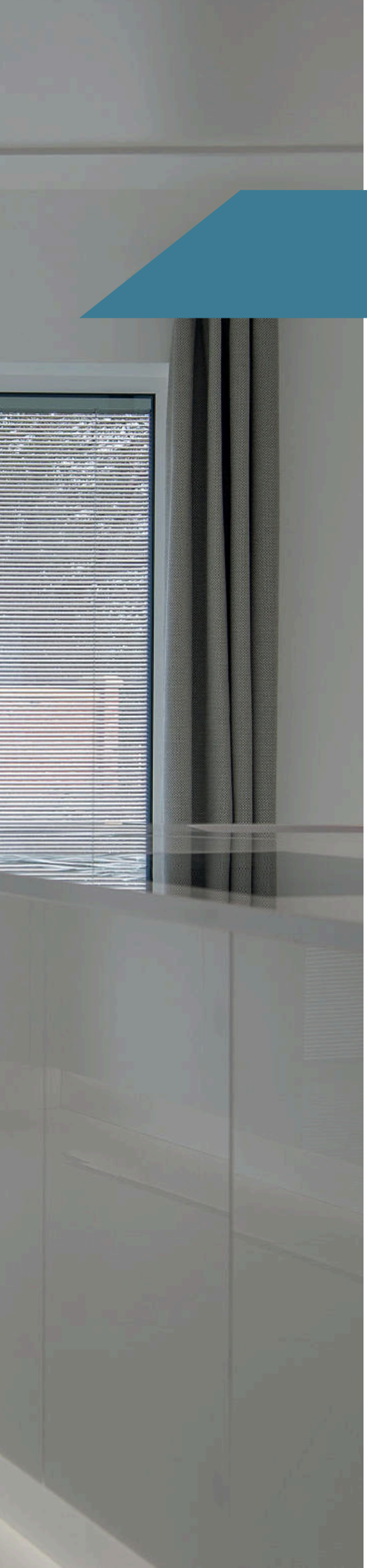
Optimised for comfort

We may take it for granted but glass is amazing in the way it allows us to fill our homes with natural light and glorious sunshine. It is no surprise that large expanses of glass, such as in bi-fold doors, sliding doors and rooflights, have gained huge popularity in recent years. But what about when sunlight is at its strongest in the height of summer, or at its weakest in mid-winter?

With several advanced glass options to choose from, you can tailor your glazing in combination with Uni-Blinds® to ensure your home's internal climate is stable – warm all year round, without being too hot in summer, as well as draught-free.







CREATE YOUR PERFECT HOME

Smart thinking

Digital technology with ultra-connectivity has revolutionised the way we live our lives. Today our home life is enriched with smart devices that cover everything from keeping our home secure and drying our clothes to perfection, to tracking our fitness and keeping us connected with distant friends and relatives. But what about our windows and doors?

With seamless integration into all leading home automation systems, including Loxone, Uni-Blinds® are the smart choice. They can be easily programmed to provide your home with solar shading on-demand to maintain a comfortable temperature – particularly in the height of summer – as well as for security and privacy.

Low maintenance

With Uni-Blinds®, virtually no cleaning or maintenance is needed. A routine clean of the external sliders and other operating elements is all that's required. That's because, unlike other window dressings, being sealed between the glass panes, integral blinds are not exposed to the elements, dirty fingers, dust or anything else that can affect their appearance.

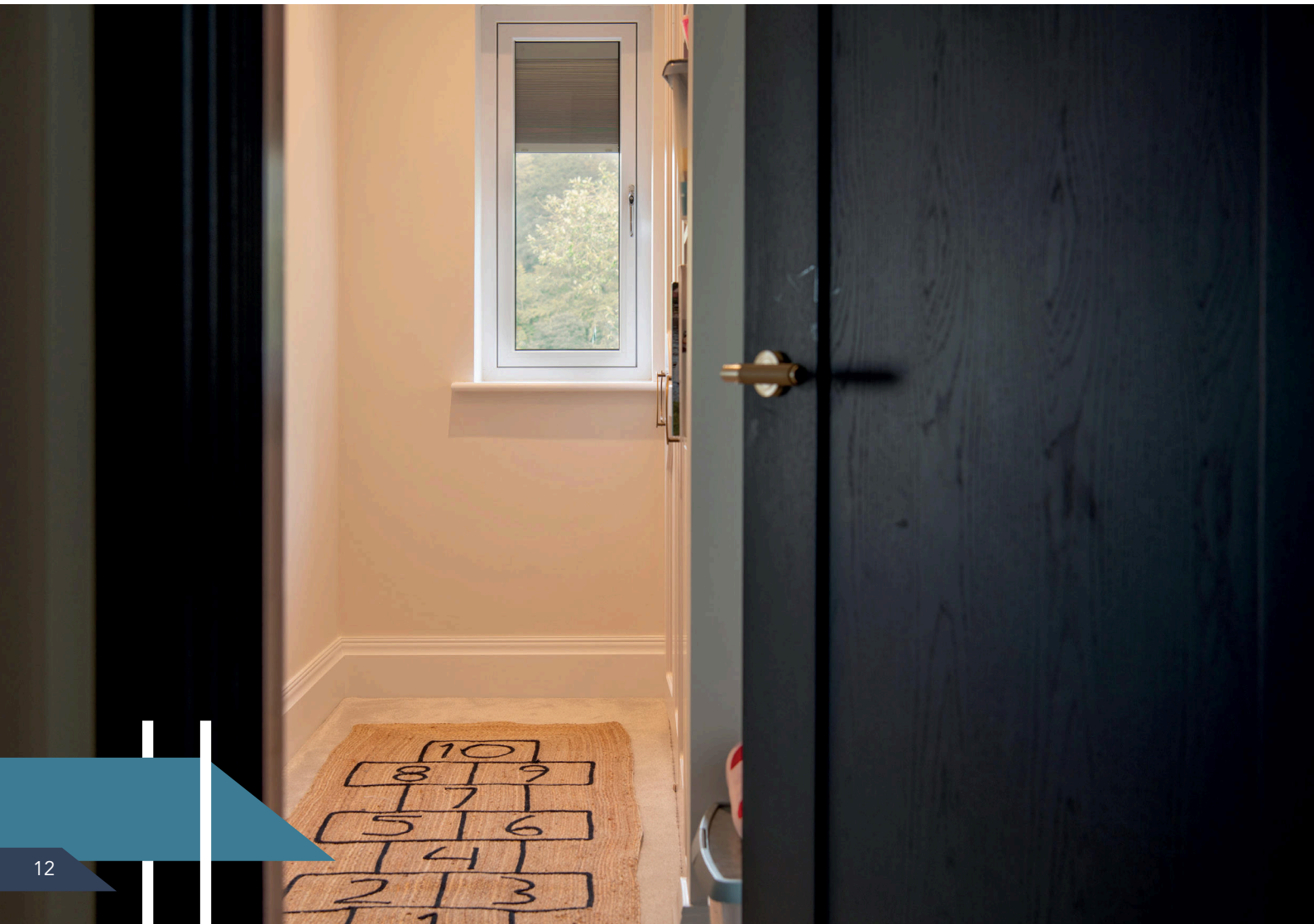
Just sit back and relax – Uni-Blinds® with ScreenLine® inside represent the ultimate 'fit and forget' blinds system. As the world's number one integral blind systems, ScreenLine® blinds are precision engineered to offer long term reliability and tested to function beautifully as long as they are needed. This gives you total peace of mind that once sealed within the glass and installed, the ScreenLine® blinds will perform for years to come.

A SOLUTION FOR EVERY WINDOW OR DOOR

Uni-Blinds® integral blinds provide a shading solution for virtually any type of double or triple glazed window or door, subject to minimum and maximum dimensions, of course.

Whether you live in a modern, contemporary home or you are seeking to enhance your period property, there is no shortage of Uni-Blinds® options available to you. Timber, aluminium or uPVC frames are all fully compatible.

- Bi-folding doors
- Entrance doors
- Tilt & turn windows
- Sliding doors
- Flush-fit windows
- Fully reversible windows
- French doors
- Casement windows
- Vertically sliding sash windows






09
JUNE



All Uni-Blinds® systems feature the world's number one integral blind system ScreenLine®.

C SYSTEM | CORD CONTROL

Simple, elegant and dependable. The ScreenLine® C System is designed with a rotational, frontal, magnetic control for raising and tilting a Venetian or pleated blind integrated within a double or triple glazed unit. It uses the force produced by two coupled, rotational, magnetic devices – one is inserted in the blind head rail within the cavity and the other applied to the external glass surface. This magnetic principle ensures the unit seal is uncompromised, guaranteeing perfect integrity of the double or triple glazed units.



SV SYSTEM | CORDLESS SLIDER

Just one innovative slider puts you in full control with the ScreenLine® SV system. This is a manually operated sliding Venetian blind featuring a single, cleverly designed magnetic slider which controls the whole operation. Positioned on a narrow slide guide on the edge of the sealed unit, the slider allows the blind to be raised, lowered and tilted with ease, completely cord free.



ONE CONCEPT
FIVE CONTROLS



S SYSTEM | SLIDER

Perfection in pleated blinds comes with the ScreenLine® S System, a manual system featuring a 14mm pleated blind integrated within a double glazed unit. The smooth blind movement is achieved by a magnetic device positioned centrally on the outer surface of the internal pane sliding across the glass surface. This external magnet interfaces with a similar internal magnet located in the movable rail, innovatively designed to absorb possible glass deflections.



W SMART SYSTEM | BATTERY OPERATED

The W Smart System with ScreenLine® inside is a wire-free, battery operated, motorised integral blind. With this system, a Venetian or pleated blind encapsulated within a double or triple glazed unit is raised, lowered and – in the case of Venetian blinds – tilted via a control device attached to the window, or by remote control. Easy to fit into windows and doors of all types with no need for hard-wiring, the system is powered by long-life batteries which are recharged using a micro-USB connection, with an optional solar panel also available for additional charging.



MB SYSTEM | MOTORISED BRUSHLESS

Blinds automation and seamless smart home integration is easy with the ScreenLine® MB System. Its brushless motor technology is amongst the most advanced available, allowing (by means of an encoder) the simultaneous and synchronised operation of several blinds, Venetian or pleated. No other control device needs to be applied on the glass or window frame – instead, the motor is activated by means of wall-mounted push buttons or an optional remote control.

MANUAL CONTROL LIGHT & SHADE MADE EASY

C System: Cord Control Blinds

The patented ScreenLine® C System combines effortless operation with simple elegance. It features a clever magnetic system which enables the raising, lowering and tilting of Venetian and pleated blinds incorporated within the cavities of insulating glass units in various widths.

An external magnet, fixed to the internal glass by double-sided high performance adhesive, allows perfect alignment to be achieved with an internal magnet. Raising and lowering is controlled using a continuous cord loop that drives the external magnet.

This cord is held lightly under tension by a cord tensioner for total compliance with the British Blind and Shutter Association – 'Make it safe' campaign.

Adding to the C System's superb looks, each blind unit is created using black or grey warm edge spacer bars as standard.

Benefits

- Suitable for all types of vertical window
- Ideal solution for conservatories
- Perfect for most window and door applications
- Gives excellent utilisation of partitioned office space
- Suitable for retro installation into existing frames







TAILORED FOR YOUR LIFESTYLE

Be in full control of the light in your home

Choose from several different control options for the C System's Venetian blind – a cord system, rotational knob or a wand. The one that's right for you is really down to your personal preference.

Choose the rotational cord winder, attached at the top of the room-facing pane of the sealed unit, and you'll have the familiarity of a traditional pull cord blind. It performs all four functions – open, close, raise and lower. The wand option – a small pole attached at the top – does the same, but using a different approach, and for minimal visual impact you can opt for the rotational knob.







TOTALLY AUTOMATED

MB System: Motorised Integral Blinds

How about choosing motorised blinds for convenience and to add an extra wow factor?

Look no further than the ScreenLine® MB System. Manufactured using premium materials, this technically superior system combines elegant looks with dependable motorised operation to the highest standard. Suitable for double or triple glazed units, this system uses a next-generation electric brushless motor to quietly raise, lower and tilt the integral blinds safely, smoothly and with precision.





PRECISION CONTROL

Control at your fingertips

Get the most from the MB System's superior functionality by incorporating these blinds into your smart home network.

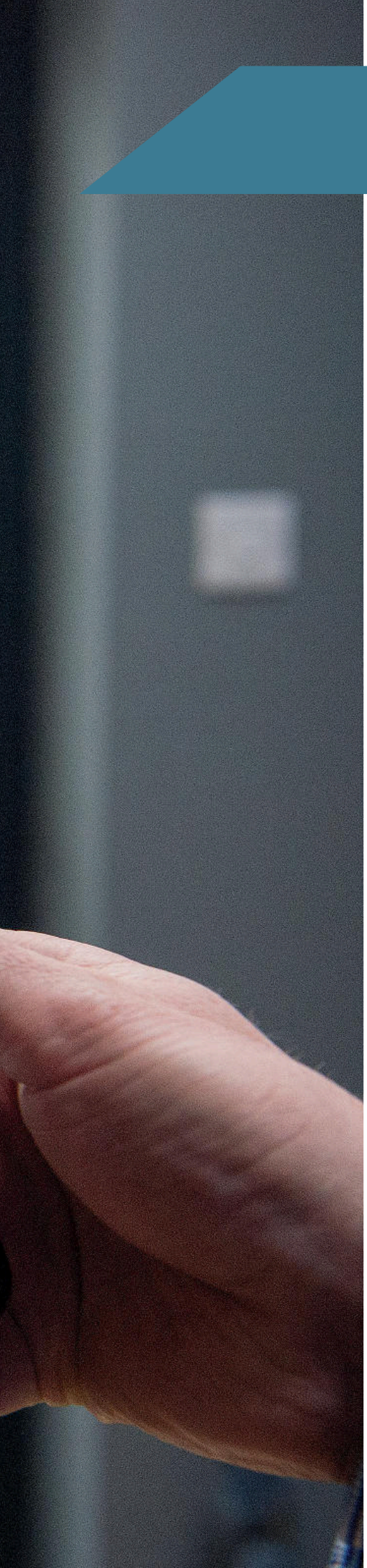
What better combination than the visual appeal of Uni-Blinds® and the ability to have complete control over the synchronicity of your window and door shading to suit your world? That's exactly what the MB System provides, with easy operation at the flick of a switch or by remote control it is ready to connect.

The Venetian or pleated blind features an internal motor within the blind head-rail, where it also incorporates a micro-control unit plus encoder. This allows simultaneous, synchronised movements of groups of blinds.






12:57
A
Bi-Fold Door
Automatic Operation Disabled
Blinds are 85% down, slats are vertical.
Up
Fully Up
Shade
Fully Down
Enable Automatic



GET SMART

Choose a smart solution for home automation

Integrating ScreenLine® MB System motorised integral blinds into a home automation system is easy thanks to SmartMotion technology. This unique interface is the crucial link to help installers incorporate motorised integral blinds into a home automation system and provide you with the ultimate in smart solar shading.

Home automation systems are already known for their ability to integrate various domestic technologies such as lighting, heating, safety and security, energy management and entertainment systems. Now motorised integral blinds are part of the mix too.

Loxone-ready

Uni-Blinds® also provides a specific solution for Loxone home automation systems. Developed by DV Smarthomes in association with Loxone, it is an app that unlocks the potential of integral blinds for the connected world. It allows blinds to be programmed to open and close at set times of the day, especially useful when you're on holiday, and they can even be linked via a subscription service to temperature controls, allowing them to close automatically before rooms get too hot.

Utilising the power of the Loxone Miniserver

The beauty of this app enables Uni-Blinds® MB System blinds to be integrated into the brain of the Loxone home automation system – the Loxone Miniserver. This offers tremendous flexibility and expandability with up to 30 extensions to integrate various domestic technologies.

LOXONE

BATTERY-OPERATED SIMPLICITY

W Smart System: Battery Operated Blinds

Wire-free, easy-to-fit motorised system

The latest in innovative Italian design, ScreenLine® W Smart provides all the convenience and appeal of motorised integral blinds without the need to hard-wire the system.

It features a 3.6V motor powered by a lithium-ion battery which is recharged occasionally using a standard micro-USB cable, providing a wire-free motorised system suitable for either Venetian or pleated blinds.

Ideally suited to rooms which feature a single window or door, or a handful of units, W Smart blinds can be encapsulated within double or triple glazed units in a range of cavity widths. The battery module is the device used to control the movement of the blind, and this can store information about each blind to avoid the need to associate a specific control device for smarter, easier and personalised configuration.

W Smart is raised, lowered and slat-tilted via touch controls on the battery module to offer simple functionality. This stylishly designed device features LED-illuminated arrows which intuitively show the commands given to the blind and indicate when recharging is required.

The system can also be paired with a 99-channel remote control unit for enhanced controllability, along with an externally-mounted solar panel. This is ideal for windows and doors on elevations subjected to strong, regular sunlight, providing additional battery recharging potential.

Benefits

A motorised integral Venetian or pleated blind which oozes appeal:

- Streamlined installation procedure
- No need for electrician to install
- Stylish, compact battery module, developed in co-operation with renowned design specialists
- LED-illuminated touch control keys
- Optional radio remote control available for additional convenience
- Batteries recharged approximately every 1-3 months using a micro-USB connector
- Super-hygienic thanks to the patented Sanitized® antimicrobial technology applied to the battery module, offering a long-lasting protective function

Scan the QR code for technical information and our most common FAQs









SLIDER CONTROL WITH VENETIAN BLINDS

SV System: Cordless Slider Blinds

The ScreenLine® SV System has a magnetic attraction – literally! Offering sliding Venetian blinds, it features a single, cleverly designed magnetic slider to control the whole operation.

A narrow side guide on the edge of a sealed unit enables the cordless magnetic slider to be used to raise, lower and tilt the blind with ease.

Benefits

- Closed-loop belt transmission system allows a smooth and long-lasting function of the blind
- External magnetic slider is treated with the Sanitized® patented antibacterial finish, providing a long-lasting protective function
- Patented warm edge spacer bars and a premium quality plastic side profile combine to maximise energy performance of the insulating glass unit
- Installer-friendly
- Requires only one device to raise, lower and tilt the slats





SEE LIFE IN PERFECT SYMMETRY

SV+ System: Symmetrical Cordless Sliding Venetian Blind

For those of us who prefer our windows and doors to have a symmetrical look, there's no need to compromise when choosing your Uni-Blinds® thanks to the SV+ System.

This cordless slider operated Venetian integral blind system allows you to optimise the framing of your view whilst taking advantage of an innovative magnetic control unit.

Based on the market-leading SV System, SV+ offers all the benefits you'd expect from high performance ScreenLine® integral blinds with the bonus of a magnetic control unit that takes care of all the blind functions in one clever device.

Benefits

- Superior quality and Italian style with ScreenLine® inside
- A single device raises, lowers and tilts the blind slats
- Closed-loop belt transmission system inside to provide smooth, long lasting functional reliability
- Safety assured through a Sanitized® patented antibacterial finish on the external magnetic slider
- Excellent energy performance of the insulating glass unit thanks to its patented warm edge spacer bars
- Installer-friendly





STYLISH SHADING YOUR WAY

S System: Pleated Integral Blinds

The ScreenLine® S System Pleated blind system by Uni-Blinds® is the number one choice for homeowners.

These stylish, made-to-measure pleated blinds are manufactured from an exquisite polyester fabric in a wide range of colour options to perfectly complement any interior. Enabling a soft diffusion of light, Uni-Blinds® integral pleated blinds are an attractive, elegant blind solution with a number of practical benefits. Not least, with their concertina folds, pleated blinds fold neatly away to provide you with the clearest views – perfect for any window or conservatory.

These superior quality pleated blinds are raised and lowered by a patented magnetic system. It's a smooth and dependable mechanism that allows you to think differently about your window shading, because it works from side-to-side as well as the usual vertical movement.

Pleated Uni-Blinds® are an excellent screen against solar radiation too, allowing you to adjust the internal lighting level quickly and easily. The blind system filters the light with ease, providing a stable internal temperature and maintaining visual comfort by reducing glare whatever the season.

Benefits

- Made-to-measure for a truly bespoke result
- Available in the widest range of colours
- Soft diffusion of light
- Neat, concertina folds ensure the clearest view when raised
- A solution that works vertically and horizontally
- Filters radiation, stabilises room temperature and reduces glare inside the room


LIVE
LAUGH
Love







PLEATED BLACKOUT
DARKNESS ON-DEMAND

ScreenLine® Pleated Blackout Blinds

For the ultimate privacy and total exclusion of external light, there is no better choice than the Uni-Blinds® Pleated Blackout System with ScreenLine® inside.

This system is ideal for any room where even the tiniest amount of light will cause a nuisance or distraction, thanks to a precision design which leaves absolutely no scope for light transmission.

If you struggle to get a good night's sleep because of light pollution, then the Pleated Blackout System is for you. It will completely eliminate light from your bedroom, including streetlights and vehicle headlights, so you can regain control over your sleeping environment. It is particularly well-suited to the children's nursery, enabling the transition from playtime to bedtime in an instant and keeping the room cool on summer evenings.

Cinema rooms can also be made perfect with the Pleated Blackout System to maximise the authentic big screen movie experience in your own home. With no vertical cords running down the blind, no light can leak through tiny gaps when in the closed position and there are no perimeter gaps either. The result is total black-out when the lights are down!

And with ScreenLine® Pleated Blackout blinds, the blind doesn't have to be black. You can choose from a range of colours to match your décor.

Benefits

- Eliminates light pollution for a better night's sleep
- Suitable for cinema rooms, nurseries and other rooms that need absolute darkness
- No vertical cords running down the blinds or perimeter gaps to leak light
- Available in a range of colours





MOTORISED ROOFLIGHT BLINDS



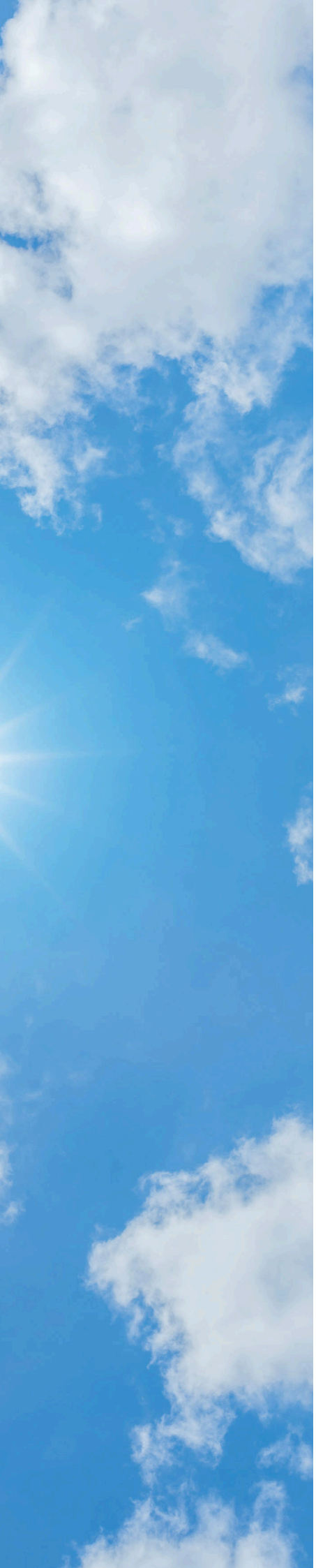
Sky's the limit with our integral rooflight blind

Flat glass rooflights have become a popular feature in many domestic extension and refurbishment projects thanks to how well they introduce natural light into what may otherwise be rather gloomy spaces.

But as with virtually any window or door, there are times when you will want to close out the light or view and enjoy some privacy, or perhaps shade the room from strong sunshine. Hence why blinds for rooflights are as important as everywhere else in the home.

Frame-mounted rooflight blinds are not always ideal where the goal is to maintain clean sightlines and strong visual appeal. So, avoid the compromise by choosing our motorised rooflight integral blind system.

The Uni-Blinds® integral blind for flat roof windows is as sleek as every other option in our market-leading range. It is a pleated blackout blind which is fully encapsulated within a double glazed unit, with the opening and closing operated by remote control or a wall mounted hard-wired control unit.



Superior quality for lasting appeal

The blind's high quality fabric eliminates external light extremely effectively, even from the strongest sunlight, to offer blackout performance. And the high quality motorised control system is built to last like every product in the Uni-Blinds® range.

Choice of colours

The system is available in eight colours, including the creamy Alabaster and Cocoa, plus various greys from the light Grey Sheen and Dove to Anthracite. This ensures it will coordinate well with most interior décor schemes, and on the exterior the blind is always white.

Suitable for a wide range of flat rooflights

The Uni-Blinds® pleated blackout rooflight blind is suitable for horizontal, fixed roof windows sized up to 1000mm x 1500mm, with the smallest size possible being 300mm x 300mm. It can be fitted instead of standard glass units in rooflight systems from all the leading manufacturers and is easy to fit with some straightforward guidance from our technical team.

Optimise performance with our glass options

We also provide several glass options for rooflight integral blind units to offer superior thermal performance plus excellent solar control to help manage the risk of excessive solar gain on days when the sunshine is strong. This maintains daylight levels without the room becoming uncomfortably warm.

We highly recommend a solar control glass type for Motorised Rooflight Blinds.

As standard our roof integral blinds are:

- Heat soaked toughened.
- Silicon sealed.
- 32mm overall – 6/20/6

Motorised Rooflight Integral Blinds Feasibility Chart



Possible Dimensions - Max area: 1.50 sqm	
Width from 300 to 359mm	Max Height: 1000mm
Width from 360 to 1300mm	Max Height: 1500mm

ITALIAN QUALITY & STYLE

ScreenLine® is a byword for Italian sophistication, and a brand that opens up opportunities for British homeowners to introduce style and elegance to their home interiors in new and creative ways.

Designed and manufactured to exacting standards by Pellini S.p.A by skilled craftsmen and women at their factory near Milan, these blinds represent the ultimate in sun shading systems that are encapsulated within double and triple glazed units.

Every ScreenLine® blind is operated in a totally sealed environment, protected from dust, dirt or weather conditions. This ensures that the characteristics of traditional double or triple glazed units are preserved, leaving unaltered the hermetic properties of the cavity and meeting the requirements of the latest building regulations.

Over the years, ScreenLine® has achieved a high number of significant patents, applying them in a wide range of products designed to meet every need related to sun shading: variety of colours, screening, operation and versatility of application.

ScreenLine®
by Pellini

Pellini®







KEEPING YOUR HOME SAFE

A top consideration of any family living space is always safety. As would be expected from the UK's largest supplier of integral blinds, all Uni-Blinds® systems with ScreenLine® inside fully comply to the guidelines laid down by the British Blind and Shutter Association. None of our products are recommended for installation with free hanging cords which is one of the biggest safety concerns for families with children.

The risks are eliminated using Uni-Blinds® because the external cord mechanism is held securely against the glazed unit through the bottom cord tensioner. Uni-Blinds® units sized 1600mm high and above are supplied with a standard cord length of 1000mm with other lengths available on request.

It all helps to keep your home safe, and our customers can be assured of our commitment because we are the only UK integral blind manufacturer and supplier affiliated with the BBSA in conjunction with the Make it Safe campaign.

BBSA® BRITISH BLIND & SHUTTER ASSOCIATION

make it safe™



ADD A SPLASH OF COLOUR

VENETIAN COLOURS

S102 WHITE
Solar reflection 70%
Light reflection 78%
Solar absorption 30%
Standard colour

S125 BEIGE
Solar reflection 57%
Light reflection 63%
Solar absorption 43%

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

B160 BLACK
Solar reflection 4%
Light reflection 4%
Solar absorption 96%

S106 YELLOW
Solar reflection 62%
Light reflection 72%
Solar absorption 38%

S130 GREEN
Solar reflection 58%
Light reflection 65%
Solar absorption 42%

S155 GREY
Solar reflection 42%
Light reflection 48%
Solar absorption 59%

S158 SLATE GREY
Solar reflection 20%
Light reflection 21%
Solar absorption 80%

DUAL COLOUR S159/S102
Solar reflection 12%
Light reflection 13%
Solar absorption 88%

S120 AGATE GREY
Solar reflection 41%
Light reflection 41%
Solar absorption 59%

S142 LIGHT BLUE
Solar reflection 65%
Light reflection 69%
Solar absorption 35%

S156 METALLIC SILVER
Solar reflection 65%
Light reflection 62%
Solar absorption 35%

S159 ANTHRACITE
Solar reflection 12%
Light reflection 13%
Solar absorption 88%

*Please consider on south-facing elevations the high solar heat gain during the summer months may result in the glass being too warm to touch. In this case, we recommend a high solar control glass type such as SKN 176 which will reduce but not eradicate the heat. Please bear this in mind when choosing the colour of your Uni-Blinds® especially S158, S159 and B160.

**Colour specifications may be subject to change

PLEATED BLACKOUT COLOURS

WHITE
Solar reflection 74%
Light reflection 74%
Solar absorption 0%

GREY SHEEN
Solar reflection 71%
Light reflection 70%
Solar absorption 0%

ANTHRACITE
Solar reflection 71%
Light reflection 70%
Solar absorption 0%

ALABASTER
Solar reflection 71%
Light reflection 70%
Solar absorption 0%

GREY RIDGE
Solar reflection 71%
Light reflection 70%
Solar absorption 0%

BLACK
Solar reflection 71%
Light reflection 70%
Solar absorption 0%

DOVE
Solar reflection 71%
Light reflection 70%
Solar absorption 0%

COCOA
Solar reflection 71%
Light reflection 70%
Solar absorption 0%

WHITE
Solar reflection 74%
Light reflection 74%
Solar absorption 0%

*External colour available in White only. Due to the fabric always being White on the external, the fabric has a high thermal resistance which means it will help to keep a room cool in the summer months.



VANITY COLOURS

C000

C000 WHITE
Light reflection 45%
Light transmission 50%
Absorption 5%

C010

C010 BEIGE
Light reflection 40%
Light transmission 46%
Absorption 14%

C023

C023 ORANGE
Light reflection 38%
Light transmission 38%
Absorption 24%

C025

C025 PILLAR RED
Light reflection 12%
Light transmission 17%
Absorption 68%

C042

C042 BROWN
Light reflection 13%
Light transmission 12%
Absorption 75%

C043

C043 FAWN
Light reflection 12%
Light transmission 17%
Absorption 71%

C131

C131 SKY BLUE
Light reflection 16%
Light transmission 13%
Absorption 71%

C145

C145 BURGUNDY RED
Light reflection 11%
Light transmission 15%
Absorption 74%

C235

C235 NAVY BLUE
Light reflection 9%
Light transmission 6%
Absorption 85%

C330

C330 GREY
Light reflection 17%
Light transmission 11%
Absorption 72%

C331

C331 ANTHRACITE GREY
Light reflection 14%
Light transmission 9%
Absorption 77%

C700

C700 BLACK
Light reflection 6%
Light transmission 5%
Absorption 89%



Technologically advanced glazing provides year-round comfort, keeping you warm in winter and cool in summer.

Today's advanced glazing can play a huge role in making our homes warm, comfortable and energy efficient, as well as safe and secure.

That's why we carefully select the glass used in all our sealed units featuring Uni-Blinds® to provide you with the optimum combination of insulation when you need to keep warmth in during winter, and prevention from over-heating during the summer.

The exact specification of your sealed units will depend on the requirements of your home, not least the size and orientation of the window or door. Simply call or email us and we will provide you with all the support you need to achieve the best result from your glass.

GLAZING INNOVATIONS

Low E Glass is used as standard in our double and triple glazed Uni-Blinds® integral blind units, providing a range of benefits:

- Eliminates cold areas around windows to provide greater comfort
- Reduces incidence of condensation on the inner pane
- Neutral appearance in both transmission and reflection
- Maximises entry of natural daylight
- Creates an optimum internal environment for living and working areas

Go even further with COOL-LITE

While Low E is ideal for the majority of windows and doors, if you are seeking to achieve the highest performance glazing in your home then look no further than our premium glass option – Saint-Gobain's COOL-LITE SKN 176 II.

This is a specialist solar control glass, which means it has amongst the highest levels of 'selectivity' – the ability to control light and heat transmission – because of the advanced coating.







LOW E+

Low E+ is our entry level specification and meets all desired building regulations

The difference is clear with Low E+. This high quality glass provides excellent thermal performance and the ultimate in clarity thanks to a microscopically thin coating which is virtually invisible.

Low E+ sealed units are perfect for general window and door requirements to a performance capable of achieving 'A' Window Energy Ratings (WERs).

Technical Performance

U-VALUE	1.2 W/m^2K (4(16)4 unit with 90% argon gas filling)
LIGHT TRANSMITTANCE	81%
LIGHT REFLECTANCE	12%
SOLAR FACTOR	73%

Benefits

- The UK's no.1 choice for energy efficient glazing
- Excellent clarity
- Optimum balance of thermal insulation and comfort
- Eliminates cold areas around your windows





LOW E ONE

Superior glazing performance for warm and toasty, low energy homes

Designed to minimise heat loss, Low E One is ideal for achieving the lowest U values, a factor which tells us a product will provide superior levels of thermal insulation.

The advanced coating of Low E One offers insulating levels far better than the minimum requirements set out in Approved Document L of the Building Regulations.

Its performance level is in the name – a double glazed sealed unit featuring Low E One will deliver an optimum centre-pane U-value of 1.0W/m^{2}K (16mm, 90% argon-filled cavity).

Choose Low E One when you want to achieve the highest levels of insulation for your home, particularly if you are undertaking a new build project with eco-home goals.

Technical Performance

U-VALUE	1.00 W/m^{2}K (4(16)4 unit with 90% argon gas filling)
LIGHT TRANSMITTANCE	70%
LIGHT REFLECTANCE	21%
SOLAR FACTOR	73%

Benefits

- Ultimate choice for the warmest, most energy efficient homes
- Incorporates technically superior thermal insulation technology
- Neutral appearance gives the clearest views
- Perfect solution for sustainable eco-home designs



COOL-LITE SKN 176 II

The clear way to take control of your home's comfort

This technically advanced glass from Saint-Gobain is truly special. It is a superb option for windows, doors, façades or overhead glazing where you are seeking to balance a high degree of solar control with excellent neutrality in the glass.

COOL-LITE SKN 176 II features a special microscopic coating on the surface of the glass which enables high light transmittance whilst at the same time controlling the level of 'solar gain' – the natural heat from the sun. The result is a glass with a low 'g-value' and outstanding clarity to ensure your home's glazing works on every level.

Why choose COOL-LITE SKN 176 II?

COOL-LITE SKN 176 II is a premium quality solar control glass that can be used to deliver more comfortable interiors. It does this by preventing overheating, which can eliminate the need for costly air conditioning systems, whilst at the same time noticeably reducing excessive heat loss during colder periods.

The high light transmittance of this glass also lessens the requirement for interior lighting during daylight hours, helping to cut your energy costs and carbon footprint. Its ability to maximise natural light inside a room can be transformative in refurbishment projects, delivering more appealing interior spaces that you will want to spend time in from dawn till dusk.

Benefits

- High light transmission of 70%
- Low g-value of 0.37
- Excellent thermal insulation with a U-value of 1.0W/m^{2}K
- High degree of neutrality

SAINT-GOBAIN





SWITCHABLE SMART GLASS





Privacy and shading in an instant

No other glazing solution can deliver instant privacy and shading in a glass window, door or partition like switchable smart glass. This technologically advanced, sophisticated product is ideal for a wide range of applications as it gives users the ability to change opaque glass to clear at the flick of a switch, or the press of a button.

Switchable smart glass works using electricity. An ultra-thin film applied to high quality glass is designed to react when an electrical current is passed through it – this simple switch from 'off' to 'on' instantly makes opaque glass transparent. And when privacy and shading is once again required, it is simply switched off.

We use only the highest quality switchable glass film to ensure transparency is maximised. This optimises visual appeal to deliver the perfect balance of functionality and aesthetics in double or triple glazed units, and it is suitable for use in internal or external windows.

Applications

Switchable smart glass is suitable for an extensive range of applications including:

- Residential
- Commercial
- Healthcare
- Hospitality and leisure
- Security

Key benefits

- Instant privacy and shading at the flick of a switch
- Smart, sophistication with clean sightlines
- Highly transparent with the lowest angle haze
- Blocks 99.9% of harmful UV rays
- Clean sightlines with no externally mounted elements
- Very low operational and maintenance costs
- Allows maximum use of space inside the room
- Suitable for a wide variety of shapes
- Provides an acoustic and sound barrier (≥ 38dB)
- BSI (British Standard Institute) tested and certified

Technical specifications

- Light transmission: > 78%
- Haze (blurriness): < 5%
- View angle: 150°
- Acoustic properties: > 38dB (Subject to requirement)
- Maximum sizes: 1840mm x 4200mm
- Thickness range: 10mm – 60mm (e.g. double/triple glazing)
- Glass types: Low-iron anti-reflective, fire rated, security glass
- Colours / shades: Over 50 different colours and shades
- Shapes: Any shape for framed and frameless applications
- Running voltage: 30 – 90 VAC
- Power consumption: 5 Watts/m^2
- On/off switching phase: Instantaneous
- UV resistant and water resistant 3rd generation NPRLC film

Reduce window cleaning with ClearShield protection

Non-stick glazing throughout your home

Did you know there's a solution for all windows and doors that takes away the hassle of frequent cleaning and keeps them looking good as new for longer?

You can benefit by opting for Ritec's award-winning ClearShield System which is available on all our sealed units. This has been specially developed for the protection, renovation and maintenance of both new and already installed glass.

Just like a non-stick frying pan, ClearShield provides a protective barrier for the surface of glass that is much more effective than a coating. It cuts the amount of window cleaning you will need to do by up to 70% without affecting the transparency or solar gain (g-value) of the glass.

How ClearShield works

You wouldn't know it, but glass suffers from corrosion. Just as metal rusts, glass is subjected to a corrosion process caused by reactions between the glass surface and gases in the atmosphere.

Even a single droplet of moisture on unprotected glass can produce sufficient damage, and this can be visible in good lighting.

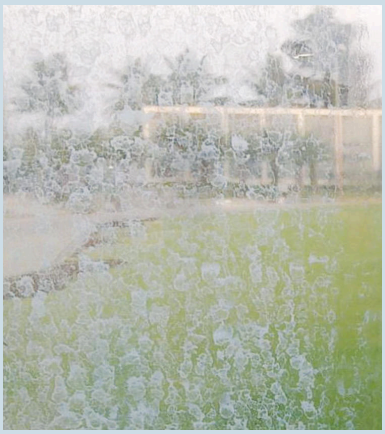
No glass surface is perfectly smooth – it actually consists of microscopic peaks and potholes. Both organic and inorganic contaminants fill these potholes and chemically react with the glass, firmly bonding to the surface. Because of this, cleaning the glass becomes more difficult over time and visibility deteriorates.

ClearShield transforms

ClearShield is a polymeric resin and, when applied to ordinary glass, it cross-links to form a strong chemical bond. It is completely transparent, chemically inert, non-hazardous and UV stable. Unlike a coating, ClearShield becomes part of the glass so will not peel, flake or crack.

The result is a low maintenance sealed unit featuring glass that prevents contaminants from bonding to the surface to limit the damage caused by corrosion and chemical attack.

Dirt can also still be removed with ease using normal cleaning methods.

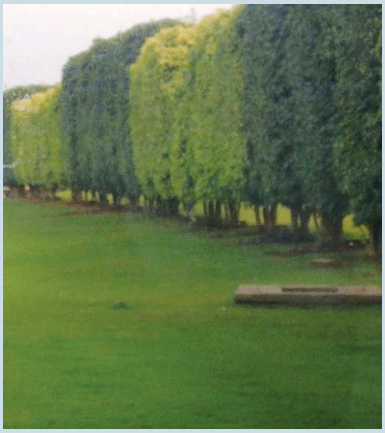


NORMAL GLASS

ClearShield protected glass:

- Is always easier to clean and keep clean
- Stays cleaner for longer
- Resists staining and discolouration

Remember, the benefits of ClearShield protection are not restricted to new sealed units - you can upgrade existing windows too.



SELF-CLEAN GLASS

ClearShield®

CLEARSHIELD PROTECTION



SUPPLY CHAIN EXCELLENCE

Order with confidence from the UK's biggest and most trusted manufacturer of ScreenLine® integral blinds.

Giving you total peace of mind

All Uni-Blinds® are manufactured in Yorkshire to the highest quality standards by a team of integral blinds specialists. Our products lead the market by being built to last, meaning you can 'fit and forget' for years to come.

Should your Uni-Blinds® ever need any maintenance, reliable service is only a phone call or email away. All you need to do is to contact your installer and they will arrange for a Uni-Blinds® specialist to assist if they are unable to help.

Our glass processing capabilities are at the forefront of the industry too, thanks to a highly experienced team backed by the technical excellence of one of the world's leading glass manufacturers. This all adds up to give you superior quality integral blind units for your windows and doors that add value, safety, security and comfort to your home.

Pellini

ScreenLine® by Pellini

Uni-Blinds® Innovation comes built-in

Fully accredited products every time

All Uni-Blinds® products are manufactured in accordance with the strictest guidelines, certification, best practice and compliance management systems for the glazing industry.

BBSA 'Make it Safe'

Our integral blinds fully conform to the guidelines laid down by the British Blind and Shutter Association (BBSA). None of our products are recommended for installation with free hanging cords which is one of the biggest safety concerns for families with children.

CMS 3230

The quality of our manufacturing is demonstrated through our factory production control system being approved and granted the CENSolutions CMS Mark.

We also comply with BS EN 1279, which is mandatory for any business manufacturing sealed glass units for buildings.

TÜV Rhineland® certification

Manufacturing insulating glass units featuring fire-rated glass incorporating ScreenLine® blinds.







Uni-Blinds®

Innovation comes built-in

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