

WINDOWS | DOORS | CONSERVATORIES

# YOUR PERFECT PVC-U PARTNER

NEW  
POSSIBILITIES

DEVELOPING  
PRODUCTS

ALWAYS  
EVOLVING

THE  
COMPLETE  
PACKAGE

**Spectus**<sup>®</sup>  
WINDOW SYSTEMS



ABBEY  
ROAD NW8  
CITY OF WESTMINSTER



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# Specialists in **what we do**

For almost 40 years, Spectus Window Systems has excelled in the design, extrusion and distribution of top quality PVC-U systems.

With a very comprehensive range on the market and known for products that are simple to fabricate and install, Spectus has a deservedly strong following in the Fenestration industry. Its systems are used in projects of all sizes in all sectors.

Spectus is known as the 'complete package'. Systems, ancillaries, hardware, colours, quality, security, insulation, durability, technical and marketing support, commercial and domestic sector expertise – everything combines to ensure that you get what you need, and your customer gets what they want.

- Complete window, door and conservatory systems
- Full range of styles
- Purpose made ancillaries
- The market's widest range of finishes
- Superb thermal performance
- Responsible and planet friendly
- World-class technical team
- Marketing support
- Accredited and Kitemarked
- British, through and through.





# Spectus and the Epwin Group

Spectus is proud to be part of the Epwin family. The Epwin Group is a British owned and based organisation with a focus on low-maintenance building products.

Epwin is committed to British industry and to high standards. The group has the size and strength to be a force in the building products industry but also an approach that remains responsible, supportive and forward thinking. Those qualities are present throughout the whole business, and the principles filter right through, resulting in investment, product development, collaboration, advanced processes and outstanding customer service.

Being part of the Epwin Group gives Spectus and its customers both reassurance and opportunities. We know that we're stronger when we collaborate, and we know that fabricators and installers appreciate the joined-up thinking that makes working with us so rewarding.





# The Spectus Effect

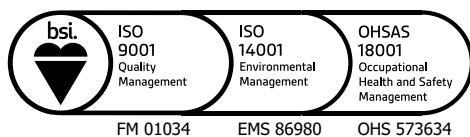
Spectus offers more. More systems, more colours and more ancillaries, which means that you've got the windows and doors to grasp more opportunities.

We've got the thermal insulation, the PAS 24 security, the durable hardware and great ideas that mean your stock levels stay under control.

We've invested in the most advanced extrusion technology, which gives our products excellent surface finish. Our quality standards are second to none, and our accreditations testify we're doing a great job. We listen and respond to feedback, evolving our products as the market changes, and help you gain traction in new sectors.

When we develop a new product, we always look at the whole picture. Our systems are integrated. They're designed not just to function well in isolation, but also to fit perfectly with other items in our range. Fabrication is more efficient, finish is better, installation is simpler, performance is outstanding, security is assured, and your customer is completely satisfied.

That's the Spectus Effect.





# Spectus is **good for the environment**

Spectus products are manufactured in-house. This allows us complete control of our use of resources, of the process and quality.

Reducing waste and our impact on the planet is very important to Spectus. We work to the environmental quality standard ISO 14001 and we're one of the first in the UK to receive the BES 6001 certification for responsible sourcing of our materials.

The public has a lot of misconceptions about PVC-U, often assuming that timber glazing products are more planet-friendly. But the whole picture is much more complex. PVC-U is a great insulator which reduces fuel consumption. It has a lifespan that far exceeds timber and does not need the protection of the paints and preservatives that can be harmful to the environment.

PVC-U is a valuable thermoplastic, which can be recycled and re-used, many times over. Spectus products often contain recycled PVC-U. There are no effects on performance or appearance, but there's a real improvement in sustainability.

## **We're doing our bit**

- Our products are thermally efficient and cut fuel usage
- Our products are durable, recyclable and practically maintenance free
- We work to the 'reduce, reuse, recycle' model
- Our UK-based operation reduces the impact of transportation.

## **VinylPlus®**

We're a member of VinylPlus® and are committed to supporting its aims. The European initiative is targeting long-term sustainability for the entire PVC value chain. The organisation is working with policymakers, consumer groups, retailers, architects and NGOs and you can find out more about its activities at <https://vinylplus.eu/>





# Investing in **your success**

Being part of the Epwin Group gives us many benefits, not least the ability to invest in production facilities and product development.

We manufacture our extruded products using some of the world's most sophisticated machinery.

Having our own state-of-the-art plant ensures we can deliver exceptional quality. We use advanced tooling and closed-loop cooling systems in our calibration process. You'll benefit from the fantastic surface finish and the precise detail and dimensions.

Our coloured profiles are foiled in one of the UK's biggest laminating plants – another in-house operation where we've got all the control we need. The scale of the operation allows us to offer a wide range of finishes and rapid order turnaround.

We have the industry's leading technical specialists and designers. We're able to respond to changing market needs, launching new ancillary products which make life easier for installers or housebuilders, and developing the systems that architects want to use.

**We're not afraid of investing for the future when everything we do is driven by what you need.**



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# Safe and secure

Homeowners want to feel safe and secure in their homes. They want to know that the windows, doors and conservatories they choose will help to protect the things they value.

That's why Spectus's systems are always designed with safety and security in mind. They'll accommodate the latest high-security hardware, meet the standards of PAS 24, exceed the requirements of Building Regulations, and can be fabricated to meet Secured by Design criteria.

When you have a project that demands exceptional standards of security, specific safety features or adaptations, we'll be happy to help you deliver exactly what's needed.







# Thermal performance

We're justifiably proud of the insulating qualities of our multi-chambered profiles.

We're also proud of the way our products allow the cost-effective fabrication of windows and doors with fantastic Energy Ratings and U-values.

- Our products are thermally efficient and cut fuel usage
- Our products are durable, recyclable and practically maintenance free
- We work to the 'reduce, reuse, recycle' model.

Our systems can achieve energy ratings up to band A++, without resorting to using sealed units with the most expensive gas fills.

If you want to offer windows that meet exceptionally. Spectus has what you need. We'll show you how to achieve U-values of 0.8W/m<sup>2</sup>K.

## Double or Triple Glazing – making the choice easy

Spectus makes triple glazing really practical. No extra systems, no disruption to your production. Simply choose a different bead.

We've got beads that allow you to use 24, 28, 36, 40 or 44mm sealed units with our 70mm Elite system. Our 63mm system, Elite 63, can accommodate units from 24mm, with two options, 36mm and 40mm, for triple-glazed frames.



# Spectus Safeware

Spectus partners with Safeware, one of the UK's leading suppliers of hardware to the industry.

It's a relationship that makes it simple for our customers to get top-quality hardware, which fits our systems perfectly, at great prices.

With Safeware, we've selected every hardware component you're going to need, and where appropriate the products are accredited. There are big name brands, locks from trusted specialists and products known for reliable long-lasting performance.

When you order profiles from Spectus, you can order all your hardware at the same time, safe in the knowledge that we've done all the hard work.





# Spectus is more colourful

We know that homeowners want colours. They want to perfect the appearance of their home, give it extra kerb appeal or set it apart from the neighbouring properties.

If you can't offer colour, they'll go to someone who can.

Our range of foil finishes is extensive, and because consumers don't want to wait weeks or months for new windows or doors, we make sure they won't have to.

Having our own foiling plant is more than handy – we've got real control. We use top-grade foils, are meticulous with our process and rigorous on quality. We guarantee an immaculate finish whatever colour you choose.

All our main sellers are available directly from stock and there's a speedy service for every other colour combination.



\*Non Grained



# Windows

Our comprehensive range of systems allows the fabrication of almost any style of window.



## Casement Windows

Using either Elite 70 or its 63mm sibling, Elite 63, Spectus casement windows are high performers, known for being simple to fabricate and install. There's a choice of a chamfered bevelled or a contemporary curved ovolo shape designed to produce clean joints.

**Elite 70 Casements can reach U-values of 0.8w/m2K.**

- Co-extruded gaskets for long-term weather protection
- Single-leg knock-in beads
- Full range of aluminium or steel reinforcements
- Optional thermal inserts
- Double or triple glazed
- Fully integrated suite
- Vast range of colours.

## Flush Casement Windows

The perfect solution for heritage properties, the Spectus Flush Casement system combines authentic period proportions and styling with modern standards of insulation and weatherproofing. This superb system incorporates all the latest design features for long-term customer satisfaction.

**Spectus Flush Casements can easily reach U-values of 1.4W/m2K.**

- 24, 28 and 32mm glazing options
- Optional mechanically jointed outerframe and sashes
- Deep bottom rails
- Traditional hardware for the perfect finish
- Suites with ancillary products
- Designed for easy installation in older properties.



## Tilt & Turn Windows

With a great blend of clean styling, thermal performance and high security, Spectus Tilt & Turn Windows are always popular. There's the advanced gearing that makes them so simple to operate, the seals that protect from water ingress year after year and the multi-chambered design that keeps out the cold.

**Elite 70 Tilt & Turns can reach U-values of 0.8W/m<sup>2</sup>K.**

- 70mm or 63mm options
- Choice of glazing beads
- Accommodates PAS 24 locking systems
- Chamfered, bevelled or ovolo shaped profiles
- Fully integrated suite
- Wide range of ancillaries
- Easy to fabricate and install.





## Flush Tilt & Turns

Bang up-to-date in appearance, the Spectus Flush Tilt & Turn is an ideal solution for any building project wanting 'flush' lines alongside exceptional performance. With a modern urban feel, it's the perfect and very cost-effective alternative to aluminium and a great choice for medium and high-rise installations.

**The Spectus Flush Tilt & Turn can achieve U-values of 0.8W/m<sup>2</sup>K.**

- WER to Band A++
- Optional high-performance centre seal system – for the most exposed locations
- Maximum opening size up to 1450mm x 2300mm
- Glazing options: 28, 36 and 44mm
- Compatible with most leading 70mm suites
- 28 colours including dual options
- Six-chambered sash and five-chambered outer frame with AEROFRAME™ technology
- Concealed hinges & gearing
- Designed and manufactured in Great Britain.



## Vertical Sliders

A true market leader, the Spectus Vertical Slider now has the option of full mechanical jointing to both the sash and outer frame. Already the best PVC-U sliding sash, it's now better than ever and wowing everyone from homeowners to planning officers with its authentic ovolo styling and proportions.

**Thermal performance is outstanding: WER to Band A+ and U-value to 1.3W/m<sup>2</sup>K**

- 24mm double glazing as standard
- Steel, aluminium and recycled composite reinforcements
- Pile seals to sash and outer frame
- Reliable spiral balance mechanisms for easy operation
- Tilt inwards facility to both sashes
- Dedicated ancillaries
- Mechanically jointed outer frame and sash options
- Large and small sash profiles and deep bottom rail
- Run through or moulded sash horns.



## Fully Reversible

A highly practical window with excellent thermal performance and sleek good looks, the Fully Reversible is at home anywhere but is ideal for medium to high-rise properties. Complete with great security and safety features, this is an easy to install 70mm system which makes integration with curtain walling simple.

### The Spectus Fully Reversible window can achieve U-values of 0.8W/m<sup>2</sup>K

- 5-chamber system with AEROFRAME™ technology for exceptional insulation
- Steel, aluminium and recycled composite reinforcements
- Optional triple seals for maximum thermal performance
- High-security PAS 24 hardware
- WER up to Band A+
- Full range of 28 colours
- Glazing widths from 24 to 44mm.





# Doors

Bi folding, french, patio or whatever your preferred style, Spectus doors are an effective way of opening up space and increasing light in your home and, because they are manufactured to Spectus' exacting standards, security and efficiency are supplied as standard.

## Bifolds

The beauty of a Spectus Bifolding Door is its complete compatibility with other Spectus products. It's easy to ensure a consistent finish and deliver a bifolding door that looks perfectly at home. Although homeowners choose bifolds for their visual impact, there's a lot more to a Spectus Bifold than a pretty face. They're engineered to work perfectly and built to last.

- Elite 70 system for complete consistency
- Choice of access door position
- From 2 up to 7 panes
- Inwards and outwards folding leaves
- Low threshold option
- High-security locking and shootbolt system
- Weather performance tested
- Steel, aluminium and recycled composite reinforcements
- 28 coloured and wood-effect finishes.

## French Doors

An attractive and robust door that will go anywhere. Spectus French doors work in porches and conservatories, for accessing the garden, for balconies and home offices. Using Elite 70 or Elite 63, you're guaranteed the bonus of slim sightlines. These doors can be configured to suit, and it's easy to couple the doors to fixed lights.

- Outwards or inwards opening
- 70mm or 63mm system
- Chamfered, bevelled or ovolo profiles
- PAS 24 high-security locking
- Steel, aluminium and recycled composite reinforcements
- Double or triple glazing options from 24mm to 44mm
- PCE concealed gaskets for improved weathering protection
- Optional low threshold.



## Patio Doors

Providing the coveted wide-expanse of glass in a neat space-saving configuration, sliding doors are as popular as ever. With advanced security and excellent thermal performance, they're a winner for access doors, internal room dividers, conservatories and porches.

Designed for ease of fabrication, Spectus Patio Doors also have a slim stepped outer frame which cuts installation time by reducing plaster cut back.

- Hook locks prevent leaves being lifted from the frame
- Low-line, post-co-extruded gaskets
- Steel and aluminium reinforcements
- Optional mechanically jointed outer frame
- One-piece steel striker for additional stability and security
- Purpose designed midrail to incorporate a letterbox
- Doors can be fitted to the internal or external track
- Stainless steel, easy-glide track system
- Full range of colours, decorative finishes and ancillaries.





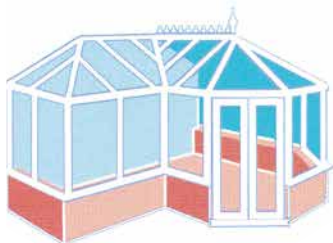


# Conservatories

Spectus windows and doors systems are ideal for a conservatory or orangery. The vast choice of integrated products and the range of finishes means that there's no limit to the style and layout possibilities.

Robust sections and great design features ensure long-term performance, and with slim sections the aesthetics are brilliant. Think good-looking, solid, durable and thermally efficient with all the security details your customer wants.

- Victorian, Edwardian, Gable, P-shaped, Lantern and fully bespoke designs
- Chamfered, bevelled or ovolo shaped profiles
- Dedicated coupling sections
- 28 colours
- Full range of ancillaries.



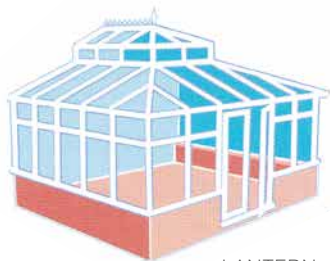
P-SHAPED



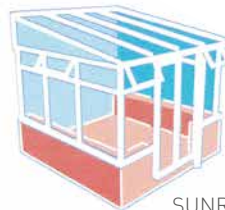
VICTORIAN



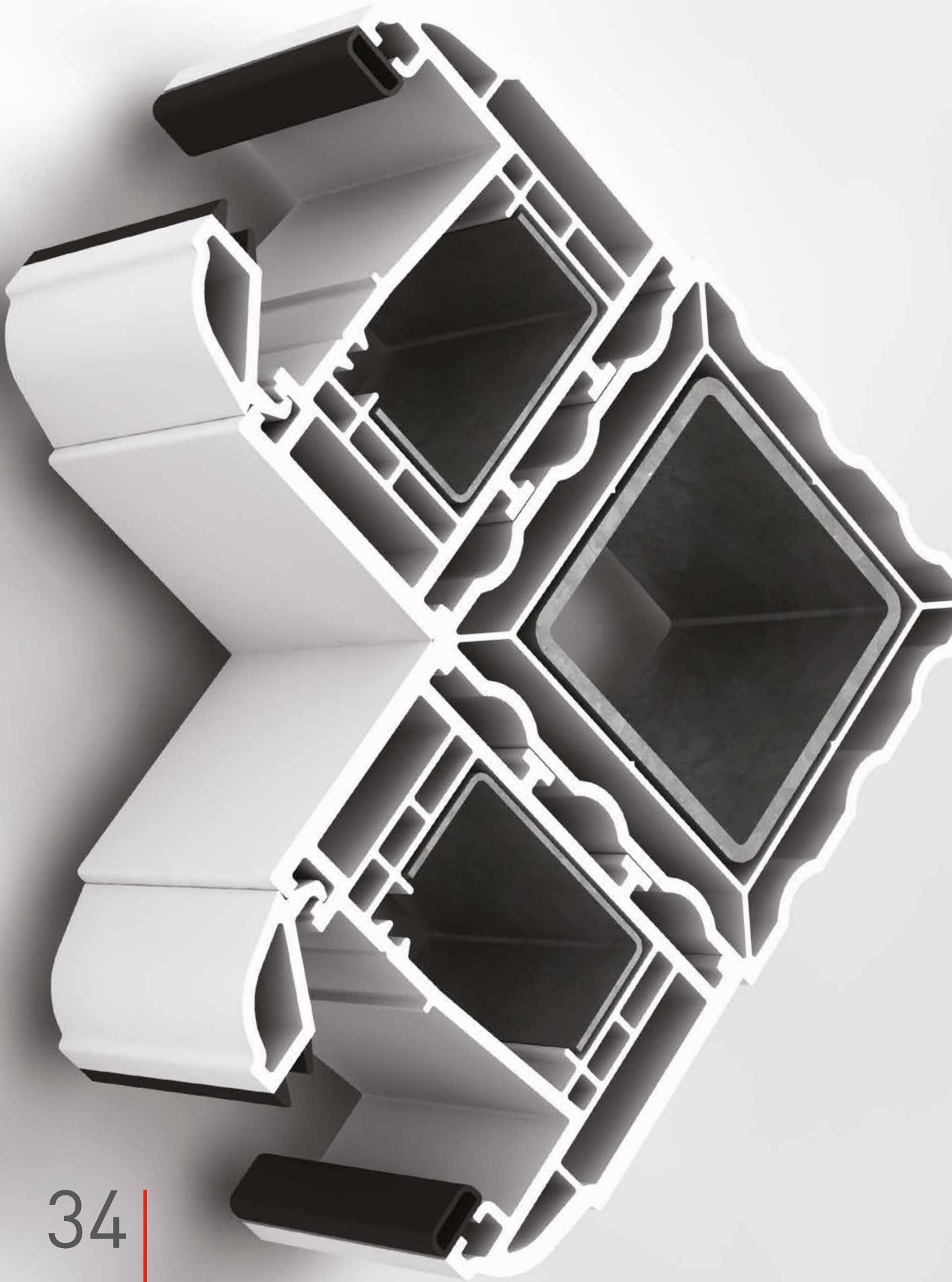
GEORGIAN/EDWARDIAN



LANTERN



SUNROOM

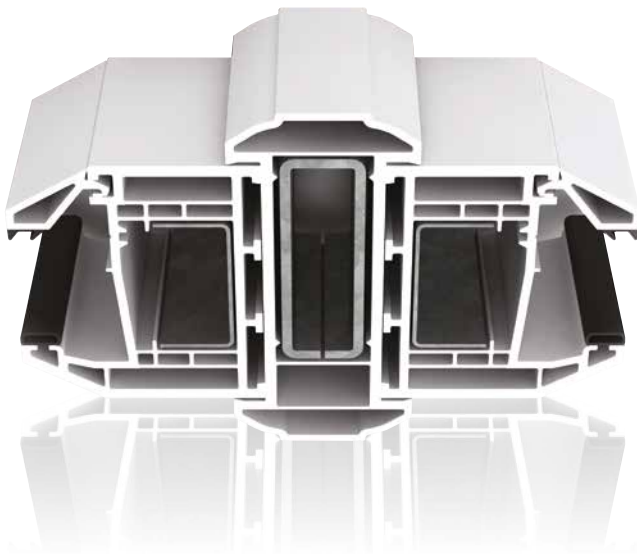


# Ancillaries

Spectus is proud to offer one of the most extensive ranges of ancillary products on the market.

That's why Spectus's systems are always designed with safety and security in mind. They'll accommodate the latest high-security hardware, meet the standards of PAS 24, exceed the requirements of Building Regulations, and can be fabricated to meet Secured by Design criteria.

When you have a project that demands exceptional standards of security, specific safety features or adaptations, we'll be happy to help you deliver exactly what's needed.



# Excellence as Standard

We're proud to be a flag bearer for Excellence as Standard (EAS), a member programme which promotes excellence in fenestration. Brought to you by Epwin Window Systems, it builds loyalty and trust right through the supply chain.

EAS sets the benchmark for the home improvement and construction industries. It advocates excellence at every stage of a project, from design, manufacturing and fabrication all the way through to physical installation and after-sales support.

If you want to get ahead in glazing, you need to be part of EAS. Membership will show your commitment to raising standards across the industry. It will help you forge productive relationships with both suppliers and customers and give you the tools to deliver outstanding service on every job.

EAS demands high standards but it's rewarding. There are clear benefits to membership and support for every step of the journey and we encourage every Spectus user to get involved.



# The **Commercial** **Sector**

We've been an active supplier to the commercial sector for almost four decades. With expertise throughout the sector and dedicated commercial specialists in our team, we're a great partner when you're venturing into larger projects.

We run an Approved Commercial Manufacturers Scheme and give you the training and tools you need to embrace a different, challenging and very rewarding way of working.

If you'd like to learn more, send an email to [commercial@spectus.co.uk](mailto:commercial@spectus.co.uk) or call 01952 283377





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# Spectus Support

Fenestration can be a tough industry, but with hard work, commitment and the right support it can be brilliant too.

Spectus never underestimates the importance of support.

With an outstanding **technical team available** online, on the phone and on the road, you'll always be able to find the answers you need. We have a **technical hub**, available 24/7, packed to the brim with info, specifications, images and instructions.

Our **marketing team** aren't just working for us, they're working for you. Qualified professionals, they know every trick in the book and can help build and grow your brand and your business. And when you need marketing materials, our **GoDesignOnline** platform makes the job easy.

Then we've got experts in the **commercial sector** who'll help with tender documents, specification and **BIM objects**. We've got **U-Comply N** for thermal calculations, **weather testing facilities** and a host of quality specialists. Through our partnership with Safeware, we've got all the **hardware knowhow** you need, and with the **Excellence as Standard** programme you get access to **online courses, discounted NVQ training** and **qualified leads**.

**It's a full package of support. Added to superb products, it makes us the perfect partner.**

**Create more**  
with Spectus

**Spectus**<sup>®</sup>  
WINDOW SYSTEMS

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