

synerjy



Sculptured energy efficient windows and doors, designed for new build housing and replacement installations

PVC-U windows and doors

Sculptured, elegant and efficient

SynerJy PVC-U windows and doors incorporate an elegant sculptured design, popular with homeowners, as it closely resembles traditional window beading. Featuring a single leg j bead for quick and simple glazing, SynerJy has been designed to be as fitter friendly as possible.



SynerJy casement window with multi-chambered outer frame and sash

Featuring an elegant sculptured edge that is consistently carried across window, door and bead detailing, SynerJy has been designed to satisfy homeowners desire for stylish, low-maintenance windows and doors.

With a 70mm front-to-back dimension SynerJy was developed as an ideal new build and replacement solution. Featuring multi-chambered profiles along with plastic thermal reinforcements and a triple glazing bead, SynerJy provides a cost-effective route to energy efficient windows. Manufactured in the UK to BS EN 12608:2003 and ISO14001 standards, SynerJy also carries full BBA accreditation. With a comprehensive range of profiles and ancillaries SynerJy is ideal for both domestic and commercial applications.

- Sculptured frame styling - common through casement, tilt and turn and door sections
- 70mm front to back dimension
- 3 outer frame sizes, including a multi-chambered option for cost-effective energy efficiency
- Range of 4 plastic thermal reinforcements for improved thermal performance
- Low sightline gasket - increased visible glass area
- Combined bubble and flipper gasket for enhanced weather protection
- Range of heavy duty couplings and expansion mullions for structural glazing
- Full depth Eurogroove - no restriction on hardware
- Accommodates a full 22mm back set espagnolette system - no need for cranked handles
- Sash horn and Georgian bar decorative options
- High gloss finish - easy clean surface
- Identical bead and up stand details provide equal sightlines for improved aesthetics
- Equal v notching - for better looking windows
- Easy to fit single j leg bead for quick and simple glazing on-site
- Standard White and Blu White options
- Available in 3 woodgrain options and 13 Artisan colours



Sculptured edges



Made to match

SynerJy has been designed to suite in perfectly with Synseal's Global conservatory roof system. SynerJy's distinctive sculptured detailing is carried through from the windows and doors onto the eaves beam cladding, ridge bottom cladding and rafter bottom caps – the perfect conservatory solution.

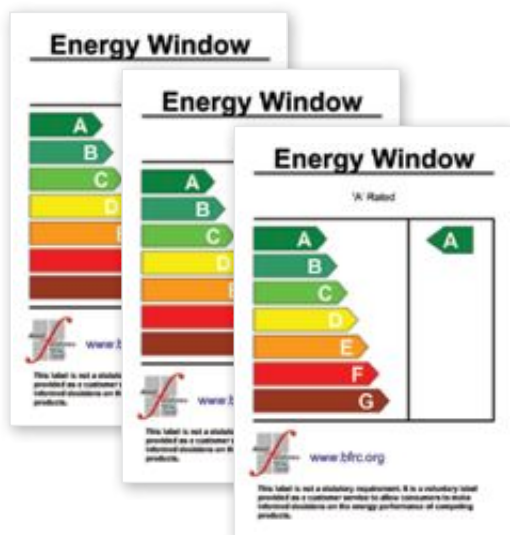
Cost effective energy efficiency

Combining energy-efficient frames and insulating glass is critical to deliver the required overall window thermal performance. Whether the BFRC Window Energy Rating scheme or the FENSA U-value route is selected as a route to technical compliance, SynerJy PVC-U window and door products designed by Synseal, coupled with sealed IGU products manufactured by Global Glass, are the ideal choice for a thermally efficient specification, giving peace of mind that installed units will keep on performing, year after year.

Window Energy Ratings

Window Energy Ratings are design simulations that can accurately calculate how energy-efficient a specified window will be in use. The WER system is based on a scale of A-G, with A-rated windows being the most energy-efficient. Up to 25% of heat within homes escapes through windows, so consumers are increasingly demanding A-rated windows to retain domestic heat and lower energy bills.

A Window Energy Rating applies to a whole window (frame and glass) rather than the frame or glass components individually. A combination of multi-chambered PVC-U window frame profile, spacer bar and high performance glass will create the most thermally-efficient project solution. Door Set Energy Rating (DSER) calculations provide similar thermal evaluations for doors. Synseal can provide expert advice to assist in all aspects of WER and DSER specification, with simulations carried out in accordance with BS EN ISO10077-2.

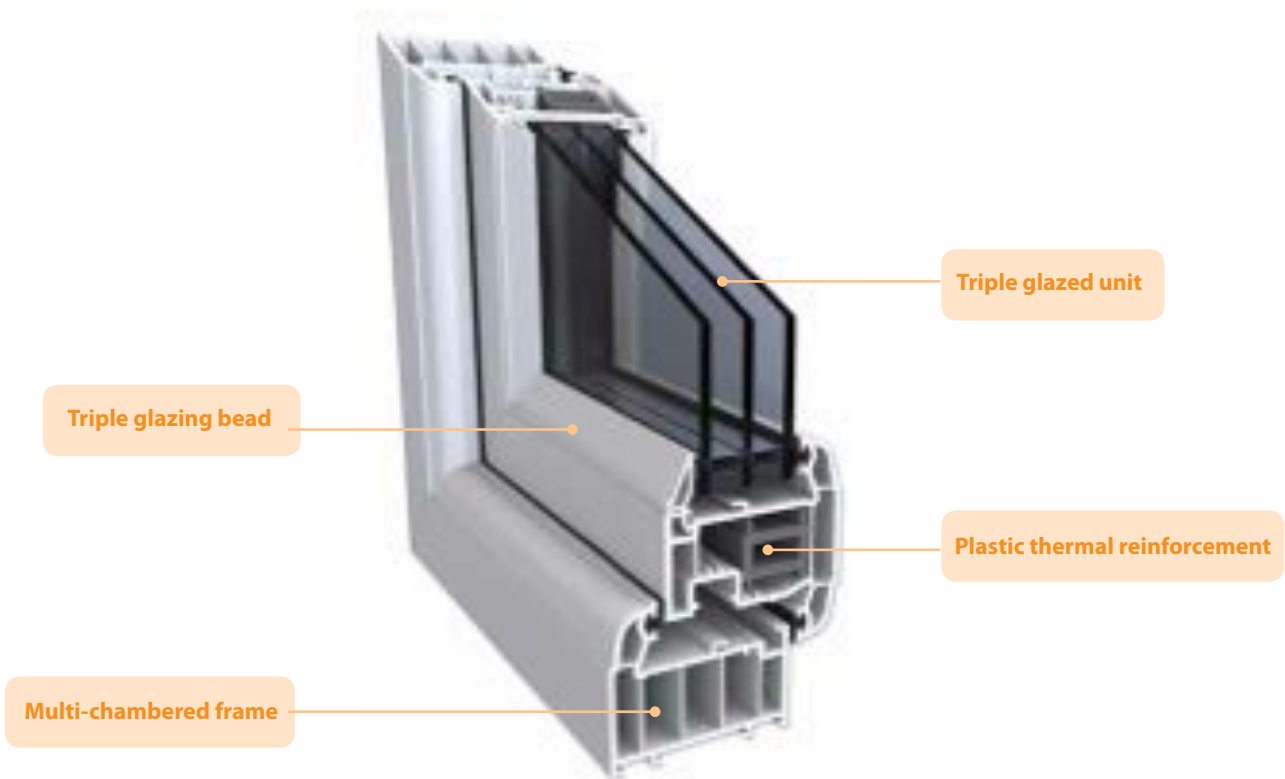


Sealed insulated glass units, custom-made to project specifications

Global Glass can supply double glazed (DGU) and triple glazed (TGU) insulated units in a range of tinted colours and coatings to suit each project, including clear and patterned glass types, solar coated glass, Low-E glass, low maintenance and Argon or Krypton gas-filled options.

Sealed unit construction options are aluminium spacer bar, warm-edge spacer bar and warm-edge super spacer bar, with either polyurethane or butyl hot-melt secondary seals depending on specification.

SynerJy domestic specification windows and doors are typically glazed with 28mm DG units, although optional 36mm TGU units can also be specified.



Plastic Thermal Reinforcements (PTRs)

The SynerJy system includes a range of BBA approved plastic thermal reinforcements (PTRs) manufactured from recycled PVC-U. PTRs provide increased thermal performance when compared against steel reinforcing, and can save money on insulated glazing unit specifications (conductivity of 0.17 W/m·K for PTR, 50 W/m·K for steel and 160 W/m·K for aluminium).

PTRs also provide the following benefits:

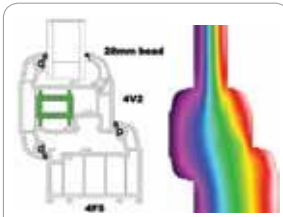
- Easier to fabricate – no separate cutting operations required and allows the frame and reinforcing to be welded at the same time
- Environmentally friendly – made from 100% recycled material, PTRs also mean the new window is easier to recycle too
- No corrosion problems - helps meet the needs of specifiers that have traditionally specified aluminium reinforcement - at a lower cost

'U'-value specifications

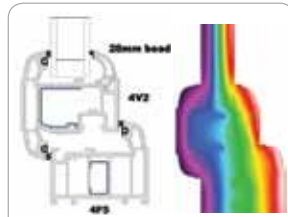
The flexibility of the SynerJy window system enables various window specifications to be used to achieve a given target 'U' value. This enables you to specify the combination of glazing and frame style that offers you the best value for any given project.

This enables the correct solution to be found for every project, up to and including Passivhaus standards.

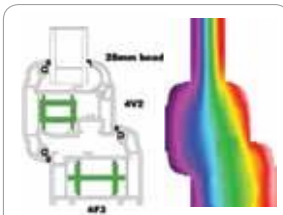
Specifications to achieve a 'U' value of 1.6



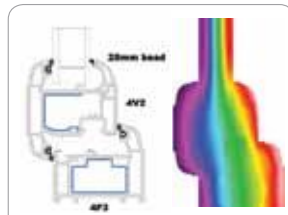
Outer Frame: 4F5
Sash: 4V2
Bead: 4SJB28
Reinforcing: PTRs
Glass: Planibel A/Air/Float
Spacer Bar: Warm Edge



Outer Frame: 4F5
Sash: 4V2
Bead: 4SJB28
Reinforcing: Steel
Glass: Total+/Argon/Float
Spacer Bar: Aluminium



Outer Frame: 4F3
Sash: 4V2
Bead: 4SJB28
Reinforcing: PTRs
Glass: Pilkington K/Argon/Float
Spacer Bar: Warm Edge

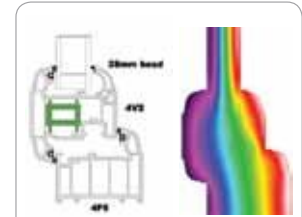


Outer Frame: 4F3
Sash: 4V2
Bead: 4SJB28
Reinforcing: Steel
Glass: Total+/Air/Float
Spacer Bar: Warm Edge

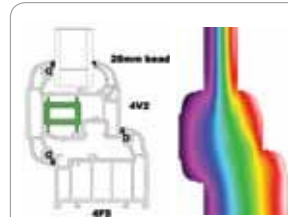
Specifications to achieve 'U' value targets



Outer Frame: 4F5
Sash: 4V2
Bead: 4SJB28
Reinforcing: Steel
Glass: Total+/Argon/Float
Spacer Bar: Warm Edge



Outer Frame: 4F5
Sash: 4V2
Bead: 4SJB28
Reinforcing: PTRs
Glass: Total+/Argon/Float
Spacer Bar: Warm Edge



Outer Frame: 4F5
Sash: 4V2
Bead: 4SJB28
Reinforcing: PTRs
Glass: ONE/Argon/Float
Spacer Bar: Warm Edge



Outer Frame: 4F5
Sash: 4V8
Bead: TCJB
Reinforcing: Steel
Glass: Total+/Argon/Float
Spacer Bar: Warm Edge



Outer Frame: 4F5
Sash: 4V8
Bead: TCJB
Reinforcing: None
Glass: 2 x One/Krypton/Float
Spacer Bar: Warm Edge
(as single opener)

WER energy ratings

Specifications to achieve 'A' and 'C' Window Energy Ratings (WERs)

<p>Outer Frame: 4F3 Sash: 4V2 Bead: 4SJB28 Reinforcing: Steel Glass: Total+/Argon/Float Spacer Bar: Aluminium</p> <p>-14C → U 1.6</p>	<p>Outer Frame: 4F3 Sash: 4V2 Bead: 4SJB28 Reinforcing: Steel Glass: Pilkington K/Argon/Float Spacer Bar: Warm Edge</p> <p>-11C → U 1.6</p>	<p>Outer Frame: 4F3 Sash: 4V2 Bead: 4SJB28 Reinforcing: PTRs Glass: Pilkington K/Air/Float Spacer Bar: Warm Edge</p> <p>-13C → U 1.6</p>
<p>Outer Frame: 4F5 Sash: 4V2 Bead: 4SJB28 Reinforcing: PTRs Glass: Pilkington K/Argon/Float Spacer Bar: Aluminium</p> <p>-15C → U 1.7</p>	<p>Outer Frame: 4F5 Sash: 4V2 Bead: 4SJB28 Reinforcing: Steel Glass: Planibel A/Argon/Low Iron Spacer Bar: Warm Edge</p> <p>+4A → U 1.5</p>	<p>Outer Frame: 4F5 Sash: 4V2 Bead: 4SJB28 Reinforcing: Steel Glass: Total+/Argon/Low Iron Spacer Bar: Warm Edge</p> <p>+5A → U 1.4</p>
<p>Outer Frame: 4F5 Sash: 4V2 Bead: 4SJB28 Reinforcing: PTRs Glass: Total+/Argon/Float Spacer Bar: Warm Edge</p> <p>+4A → U 1.3</p>	<p>Outer Frame: 4F5 Sash: 4V8 Bead: 4SJB28 Reinforcing: PTRs Glass: Total+/Argon/Low Iron Spacer Bar: Warm Edge</p> <p>+11A → U 1.3</p>	<p>Outer Frame: 4F5 Sash: 4V8 Bead: TCJB Reinforcing: None Glass: Total+/Argon/Total+/Argon/Low Iron Spacer Bar: Warm Edge</p> <p>+18A → U 1.0</p>

Building Regulations Compliance

The sub-sections of Building Regulations Part L (2010) refer to different building types and itemise U-value thermal performance. Standards for refurbishment of existing buildings are more exacting and provide options for using WER 'whole unit' calculations in place of the established U-values. It is anticipated that a B-rating will replace the C-Rating to become the minimum WER requirement in 2013.

Installed product	Part L	Building application	U-value
Windows, roof windows, rooflights, curtain walling and pedestrian doors	L1A	New dwellings	2.0W/m ² K
	L1B	Existing dwellings	1.6W/m ² K*1
	L2A	New buildings other than dwellings	2.2W/m ² K
	L2B	Existing buildings other than dwellings	1.8W/m ² K^

* Option of WER Band C or better

¹ In Part L1B, a U-value of 1.8W/m²K is required for doors

^ Option of WER Band C for buildings essentially domestic in character (e.g student accommodation)

PVC-U material benefits



Polyvinyl Chloride (PVC-U) is a major thermoplastic material, which finds widespread use in building, transport, packaging, electrical/electronic and healthcare applications. PVC-U has been in commercial production since 1933. It now accounts for about 20% of all plastic manufactured worldwide, second only to polyethylene. The UK produces approximately 500,000 tonnes of PVC-U per annum.

The recycling of PVC-U is relatively straightforward, as both production waste and post consumer windows can easily be recycled back into new energy efficient PVC-U products. Unlike some of our competitors we recycle our waste in the UK, meaning no transcontinental movement of product, which has a huge carbon footprint, defeating the whole point of recycling.

PVC-U is...

- Low maintenance
- Durable
- Economical and energy efficient
- Safe and secure
- Versatile
- Environmentally sound
- Recyclable

**PVC-U windows
can be recycled
up to 10 times,
with a life span
of 400 years.**

Quality and accreditations

Quality

SynerJy PVC-U window and door profiles carry a 10 year guarantee. In addition, SynerJy system profiles are BSI kitemarked and BBA assessed, with manufacture and supply carried out under ISO9001 quality management systems.

Every aspect of Synseal's manufacturing processes, from blending to extrusion, injection moulding to foil finishing, from product design and development to full-manufacture of vertical sliding sash windows and conservatory roof kits, is undertaken on-site in Huthwaite, Nottinghamshire.

Production techniques are largely automated and testing is computerised to ensure a consistently high quality product. Boasting the latest technologies and modern machinery, Synseal is able to deliver extruded PVC-U profiles which are consistent in colour, shape and finish.

Synseal is focused on finding new ways to design, produce and deliver products to its customers. Operational processes are continually evaluated to find improvements, reduce waste, identify problems and then define solutions quickly and systematically. All products undergo a wide range of QC inspections during and after the production process. All equipment is checked following every extrusion run and maintenance schedules are strictly adhered to.



SynerJy PVC-U window and door profiles carry a guarantee of up to 10 years. Full details available on request.

Accreditations

Synseal is ISO14001 accredited which ensures that all company environmental management systems comply with and even exceed government mandates. All quality management systems are ISO9001 accredited which ensures that all processes are constantly checked and improved upon, to reduce waste and increase efficiency.

Synseal Extrusions Ltd. holds a number of accreditations from recognised authorities such as the British Standards Institute (BSI) and the British Board of Agrément (BBA). To maintain registration, licenses and certificates, periodic on-site audits are carried out by the regulatory authority to inspect systems and where necessary take product samples for independent third party testing.



BSI - Registered to BS EN ISO9001:2000, Certificate No. FM 31451

Quality Management System Scope: -
 Manufacture and supply of a range of white and brown windows PVC-U profiles and beads for the fabrication of doors and windows.
 Manufacture of conservatory roofing systems to customer specified requirements.



BS EN 12608
 KM 582382

BSI - Kitemark License No KM 582382

Windows Energy Rating - SynerJy system simulation reports.



BBA - Agrément certificate No. 12/4914

SynerJy outward opening and tilt and turn PVC-U window system.



BS EN 12608
 KM 30983

BSI - Kitemark License No KM 30983

- Conforms with BS12608

Specification for white PVC-U extruded hollow profiles with heat welded corner joints for plastic windows: materials type A.



BBA - Agrément certificate No. 12/4914 (ES2)

Enhanced security to BS7950



BS EN 12608
 KM 41324

BSI - Kitemark License No KM 41324

- Conforms with BS7950/BS12608

Specification for enhanced security performance of casement and tilt and turn windows for domestic applications in association with BS EN 12608.

Sustainability and recycling

Recycled windows for sustainable home building

The Code for Sustainable Homes (CSH) has been developed by the Building Research Establishment (BRE) and Construction Industry Research and Information Association (CIRIA) to introduce sustainable building practices for new homes.

It is intended as a single national standard for the industry, to drive continuous improvement, greater innovation and exemplary achievement in sustainable home building. Homes are measured against design categories, rating the 'whole home' as a complete package.

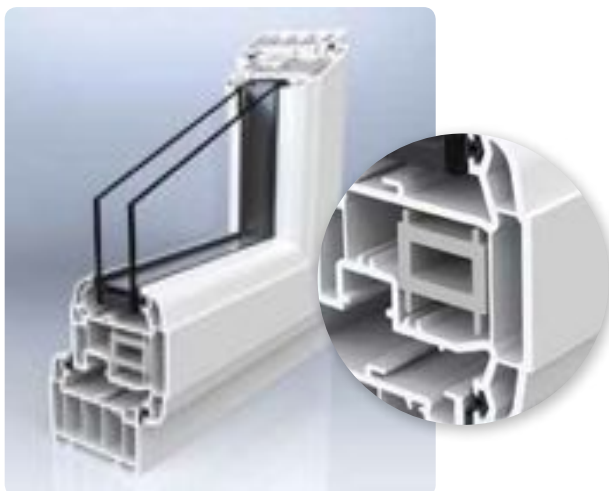
Design categories included are:

- Energy/CO₂
- Water
- Materials
- Surface water run off
- Waste
- Pollution
- Health and well being
- Management
- Ecology

The CSH is intended to signal the future direction of Building Regulations in relation to carbon emissions from energy use in the home, providing greater regulatory certainty for the house building industry. The government's goal is to not only build more homes, but also ensure they are better homes. All new homes from 2016 must be zero carbon (Code Level 6) with progressively tough standards being introduced over the coming years. As the public are becoming more environmentally conscious there is a growing requirement for more sustainable products and services and by choosing recycled windows from Synseal you will be able to meet those demands. The use of our recycled windows allows you to tick many of the design category criteria boxes.

Plastic Thermal Reinforcements (PTRs)

Manufactured from recycled PVC-U, Synseal's range of plastic thermal reinforcements are a key part of Synseal's commitment to sustainable product development. Combining window reinforcement with an improvement to thermal performance, PTRs are a core part of Synseal's strategy of providing energy efficient products that are manufactured in a sustainable fashion.



- Enhanced thermal performance - provides better energy ratings than steel = Saves money on IGU (insulated glazing unit) specifications (conductivity of 0.17 W/mK for PTR, versus 50 W/mK for steel and 160 W/mK for aluminium)
- Easier to fabricate than steel - no separate operation to cut or insert steel required. PTRs are also easier to drill, cut and clean than steel
- Made from 100% recycled material; the environmentally responsible way to reinforce frame profiles
- No corrosion problems - can help meet the needs of specifiers that have traditionally specified aluminium reinforcement at a lower cost
- PVC-U frames become 100% recyclable - helping to close the recycling loop
- Easier and faster to fit - lighter windows (at larger sizes) makes on-site handling easier. Plus fixing is easier through PTRs than steel
- BBA approved - specify with confidence

Recycling

One of the benefits of PVC-U as a material is that it is readily and economically recyclable like all other thermoplastic materials. The primary aim of recycling is to elicit a net environmental benefit through reducing the use of primary resources and/or diverting resources from landfill.



There are 3 types of waste we recycle into new windows:

Manufacturing

We pride ourselves on running efficient manufacturing processes with scrap levels under 5%. We also ensure we recycle all of the manufacturing waste we produce back into environmentally sustainable products.

Fabricator off-cuts

We take our fabricator off-cuts and recycle them back into new products.

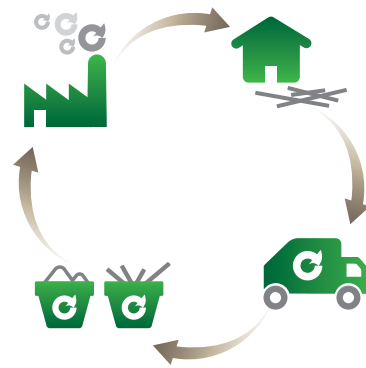
Post-consumer windows

End of life PVC-U windows can be collected from our installers and specifiers and given a new lease of life via recycling.

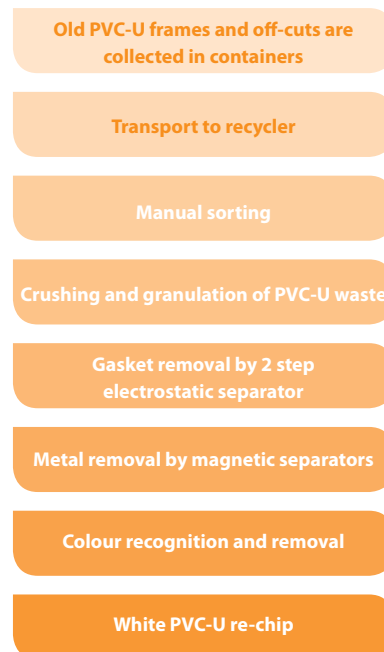
All of these types of waste can be recycled into energy efficient new windows.

Closed loop recycling

PVC-U windows that were traditionally deemed 'end of life' can be recycled to create perfect new windows - with no need to lose this valuable resource to landfill.



A life cycle model of post consumer PVC-U recycling



SynerJy windows and doors - a wealth of options

The SynerJy range includes top hung or side hung casement windows, tilt and turn casement windows, multi-light combinations of fixed light and opening windows, residential doors, double doors and patio doors.





Style options

As well as carrying an elegant sculptured edge across all main profiles and beads, SynerJy also comes with a range of distinctive style options. These can be selected to help new SynerJy windows and doors blend in to an existing architectural design or to help create added appeal on a development.

Georgian glazing bars

SynerJy fixed lights and casement windows can be specified with snap-on astragal glazing bars for an authentic Georgian look.

These glazing bars provide design variety for both retro-fits and new housing developments as they can be swiftly installed on-site. Featuring U-shaped clips, end caps and cruciform cover mouldings, Georgian glazing bars can be fitted internally, externally or on both glass faces. Colour finish options are White, Golden Oak, Cherrywood and Mahogany.



Astragal bars

Mock sash horns

Recreating the external look of a traditional sash window in a modern casement window – mock sash horns are an affordable way to help create a distinctive aesthetic. If traditional sliding sash windows are required SynerJy's Evolve range of vertical sliding sash windows provides the perfect solution.



Mock sash horns

Curved windows

SynerJy is able to supply high quality, architecturally shaped PVC-U frames for when circular or curved windows are required.

Using state of the art profile bending machinery, SynerJy's experienced team is committed to providing the best possible quality shaped products, backed up by unbeatable service levels.



Curved windows

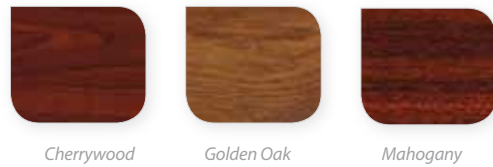
Colour options

The colour revolution has taken over Europe during the last 20 years, with 40% of European homes now choosing coloured product... and the UK is catching on fast. Brilliant White is still the most popular exterior and interior colour for British homes - but more and more people are choosing realistic woodgrains or bold colours to enhance their homes.

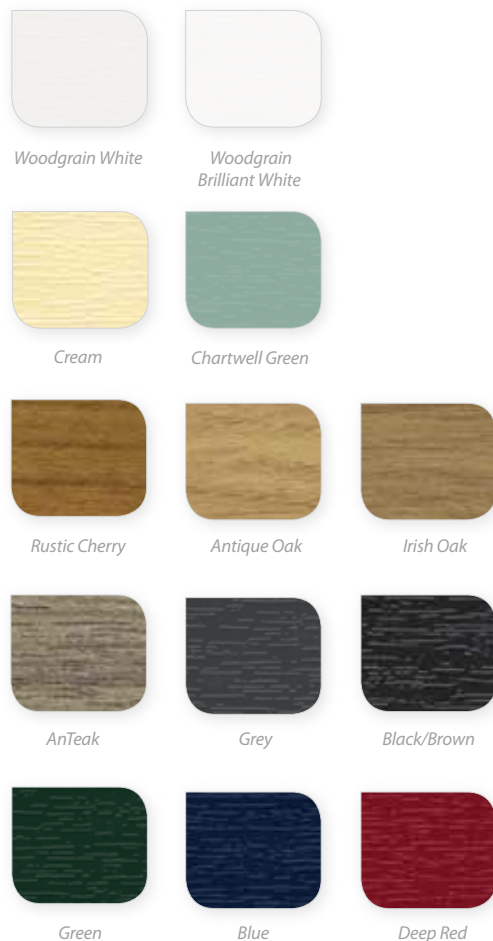


Synseal offers a full range of colour options for SynerJy windows and doors: standard White and 3 popular woodgrain shades, plus 13 foiled PVC-U finishes in the luxurious Artisan Woodgrain Collection (4 'real' woodgrains and 9 woodgrain colours). All these choices are available in dual-colour specification (e.g. Golden Oak woodgrain on outside faces, with White on inside faces).

Woodgrains



Artisan Woodgrain Collection



The colours shown are designed as a guide to the Woodgrain and Artisan Woodgrain Collection. Before making your final decision, please ensure you have seen a foil swatch.

Ancillary products

Hardware

Synseal offers a comprehensive hardware range that brings together the very best residential handles, hinges, shootbolts and accessories, providing products that offer affordable quality you can trust.

A choice of White, Polished Gold or Polished Chrome hardware finishes are available. Key-operated locking handles in accordance with BS 7950 and friction stays capable of meeting the requirements of BS 6375-1&2 are available, as well as a wide range of espagnolettes, shootbolts, door hinges, cylinder locks, strikers and letter boxes.



Synseal is licensed to provide Police-approved hardware boasting the 'Secured By Design' logo, including door handles, locks and hinges providing enhanced security performance to PAS023 and PAS024 test specifications.



Trickle Vents

Synseal trickle vents can be fitted into SynerJy outer frames to provide air flow and reduce condensation.

Slimline design (2000 or 4000mm²), standard design (2000 or 4000mm²) or modular design (2000mm²) trickle vent options can be specified in White, Brown or Caramel colours to provide ventilation and meet Building Regulations Part F1 for new dwellings. The modular design trickle vents clip neatly together to cater for wider window frames.



Envirosill

Providing an environmentally-friendly sill specification without compromising aesthetics and installed performance.

Envirosill is specially made from recycled material with virgin PVC-U material on visible outer faces.



Bi-fold doors

Bi-fold doors provide wide panoramic views and contemporary living. Engineered to the highest standard, and available in a variety of finishes and combinations, they are designed to ensure years of trouble free service with aluminium top and bottom tracks and PVC-U door sashes. These bi-fold doors require little maintenance and will help keep homes warm due to their energy efficient design.



Low thresholds

Two types of easy-access low threshold design are available for SynerJy.

Silver or Gold finish low threshold supports for both inward or outward-opening doors can be used in combination with a PVC-U sill to provide extra stability when a reduced 'step-over' is required.

For full compliance with Building Regulations Part M, Synseal low threshold kits can be specified for inward or outward-opening doors in either Silver or Gold finish, ensuring mobility access for all.

CavSeal cavity closers

Manufactured from 100% recycled PVC-U and BBA accredited, CavSeal frame-forming cavity closers are vital components for new build developments, providing a simple and cost-effective solution to seal cavities around wall openings, creating a rigid window or door acceptor.



The system clicks together, so no tools, adhesives or screws are required. 50mm, 75mm, 100mm, 150mm, 175mm and 200mm cavity closers are available.



Window trims

Synseal's window trims can be specified for enhanced aesthetic appeal and a highly professional finish.

The product range includes 12mm and 19mm quadrants, 25mm and 46mm sculptured architraves (12.5mm thick, also available in White PVC-U), 65mm and 90mm bullnoses and a 30mm D-mould. Available in White as well as in the standard 3 woodgrain finishes and the range of 13 Artisan colours, which convincingly mimic real wood and painted timber finishes respectively.

French casements

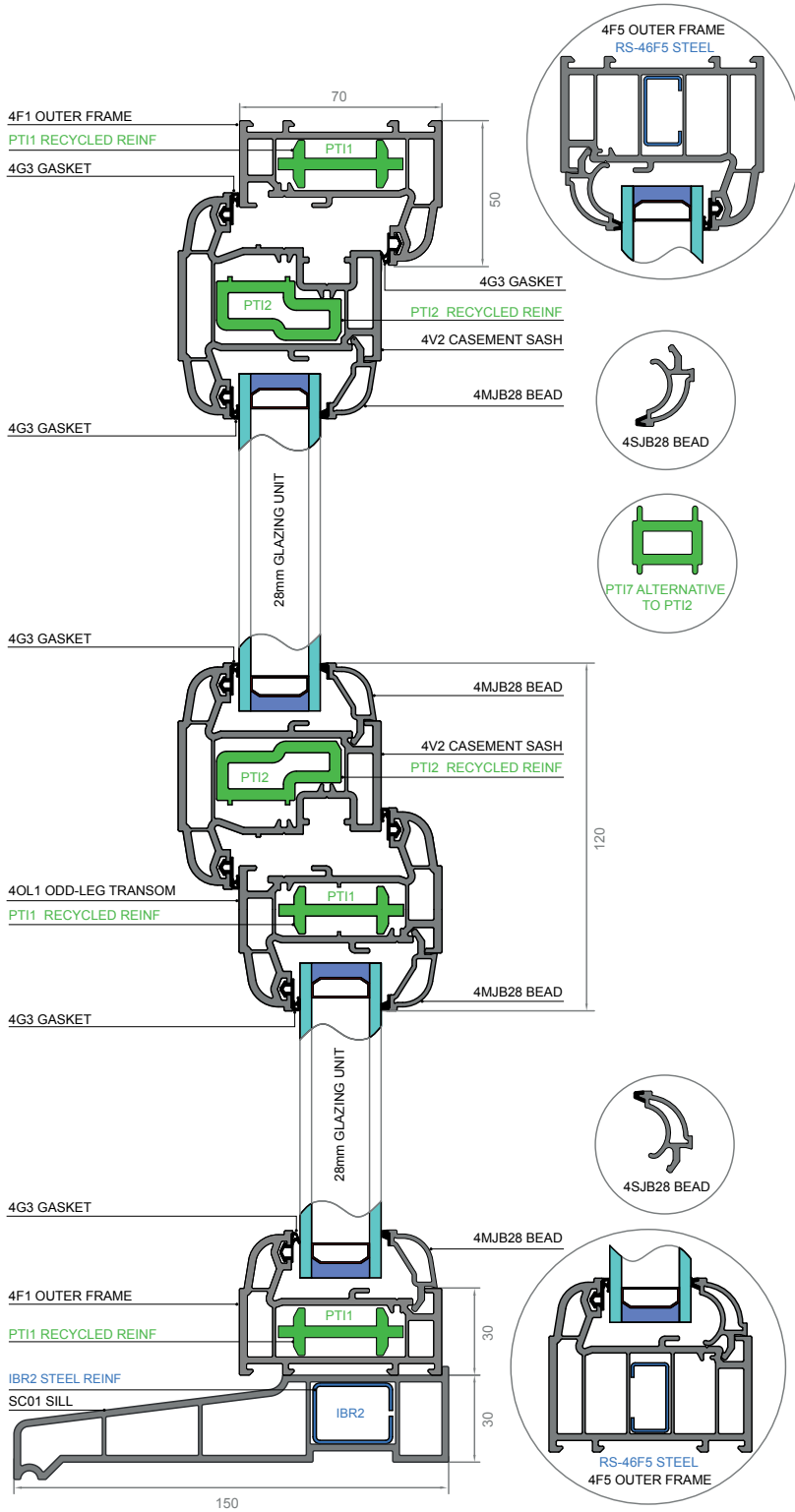
Fitted with a dummy or 'floating' mullion, French casements are ideal for fire exit specification, as this window design provides a full aperture opening.



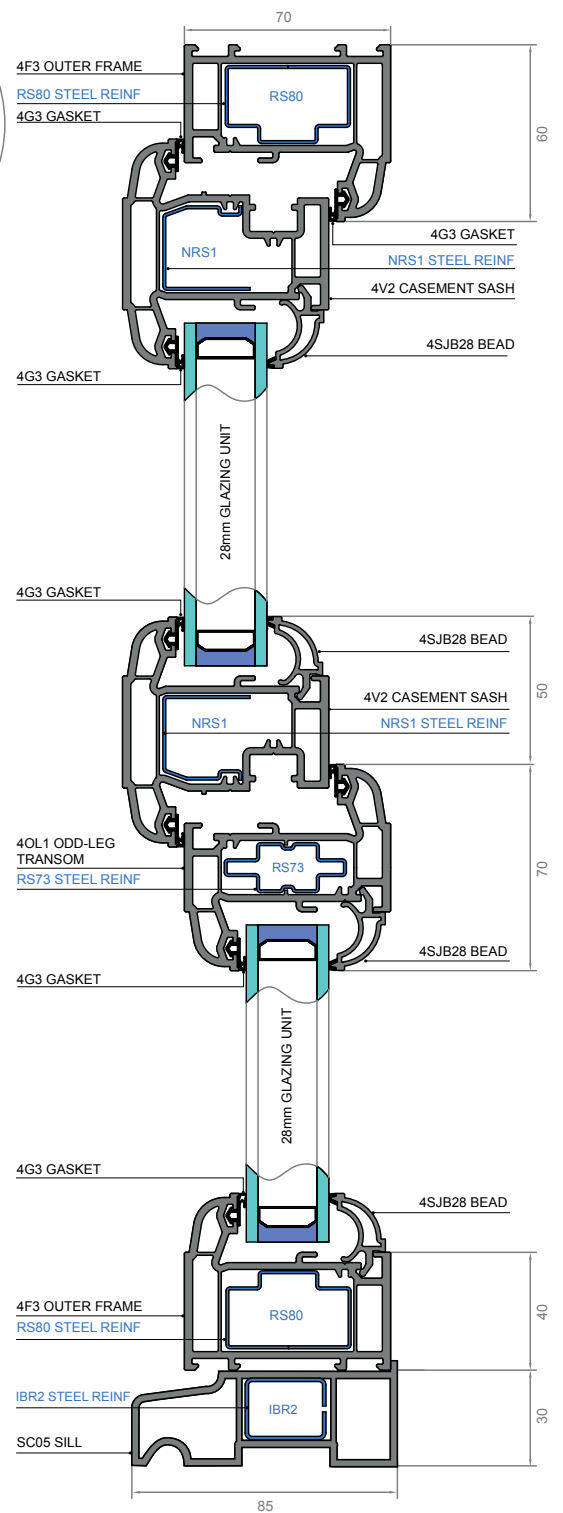
To comply with Building Regulations Part B1, an opening required for means of escape should have a clear unobstructed opening area of 0.33m² with a minimum width or height of 450mm and a maximum floor to window sill dimension of 1100mm. If a width of 450mm is proposed, then the height should be at least 733mm to give the required 0.33m² area.

Cross section: casement

- Plastic
- Aluminium
- Recycled plastic
- Rubber
- Steel
- Other

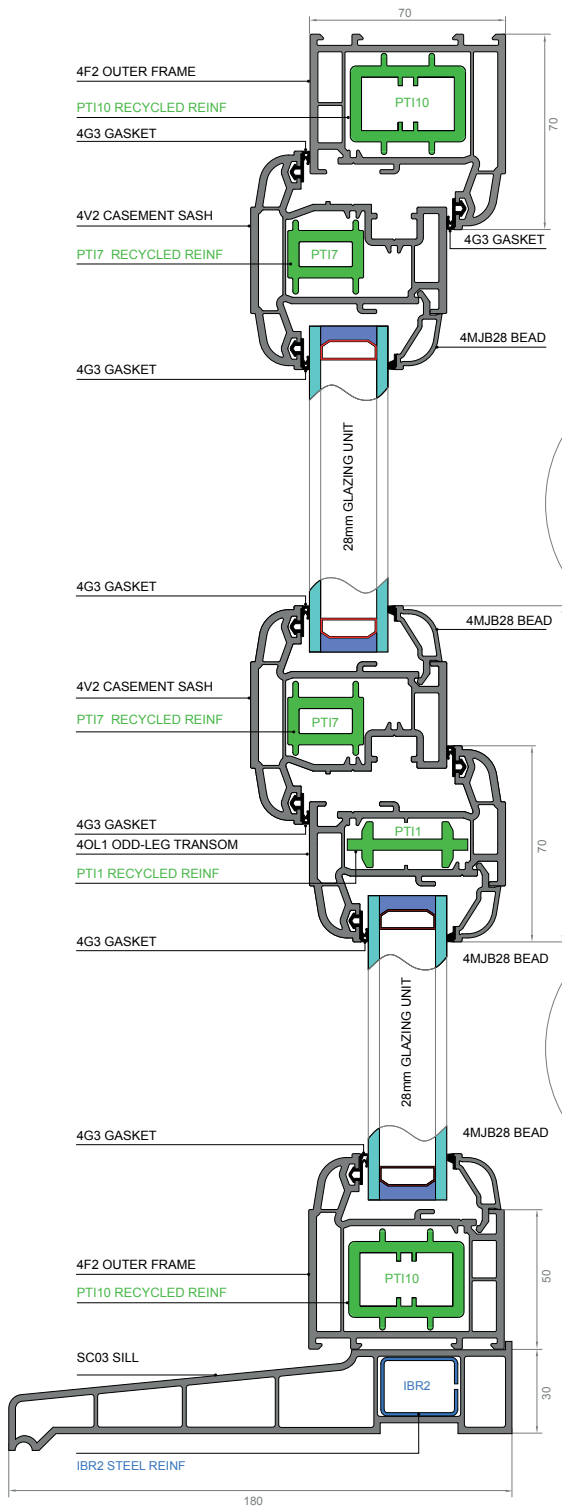


Slim outer frame with plastic thermal reinforcements

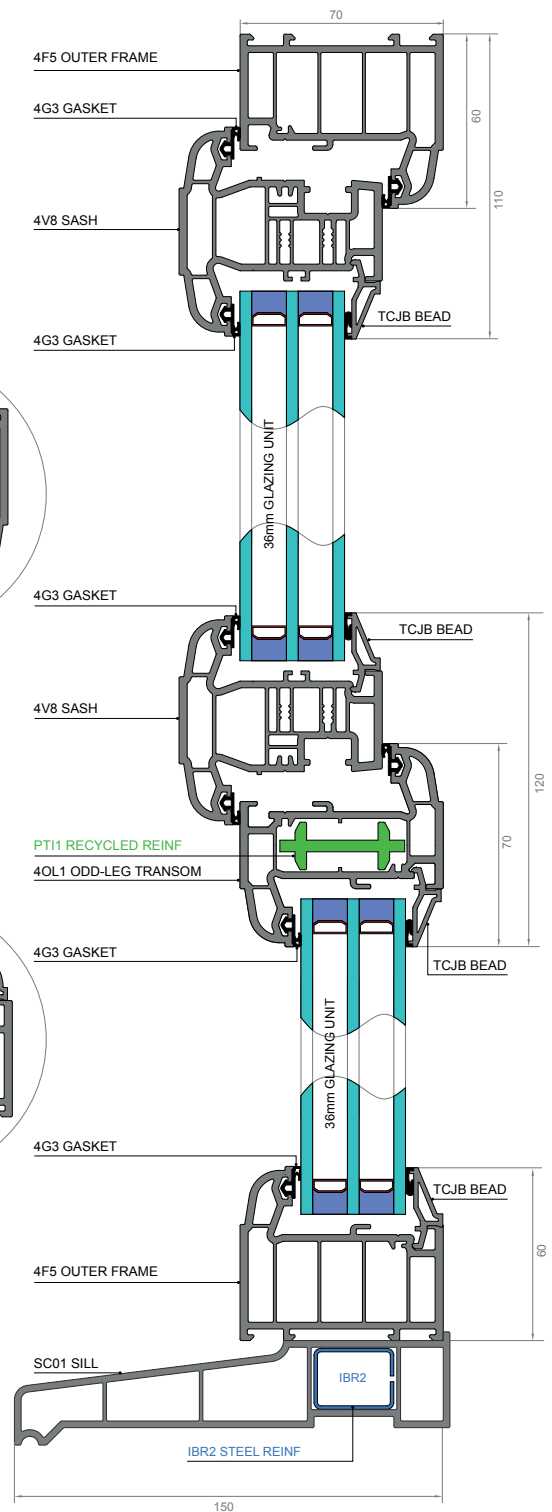


Intermediate outer frame with steel reinforcement

Cross section: casement



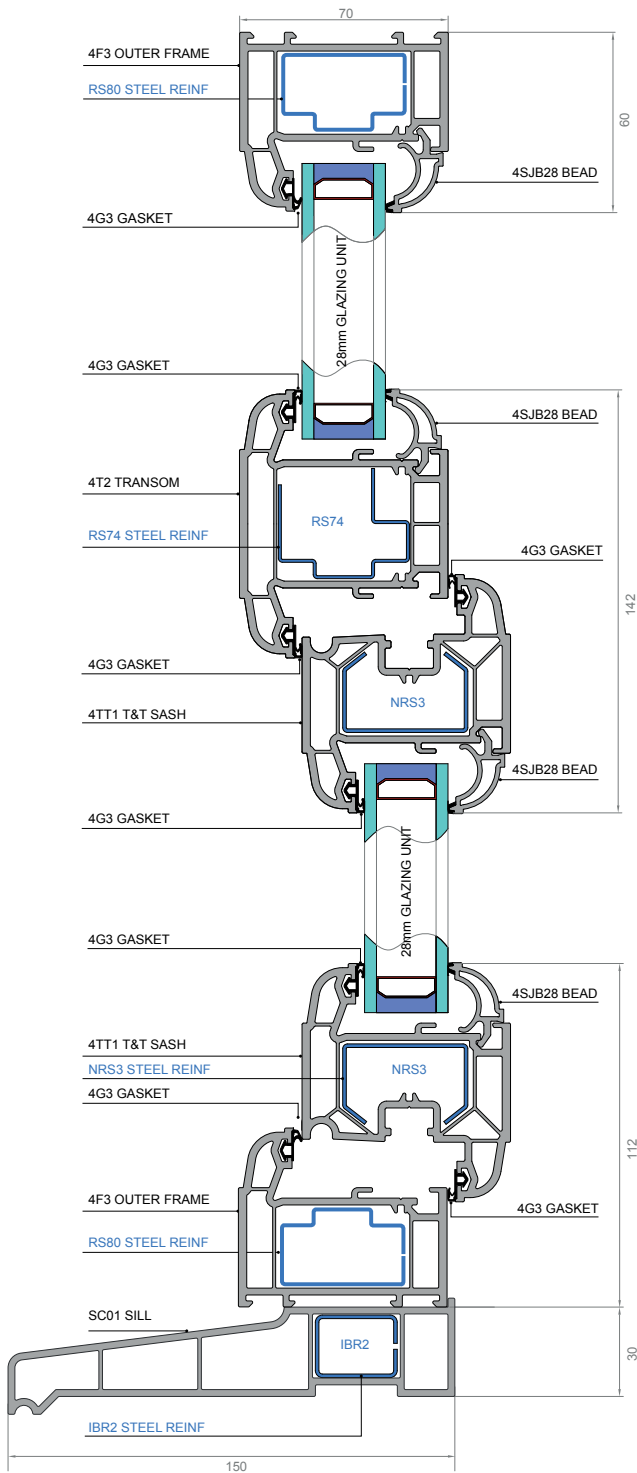
Large outer frame with plastic thermal reinforcements



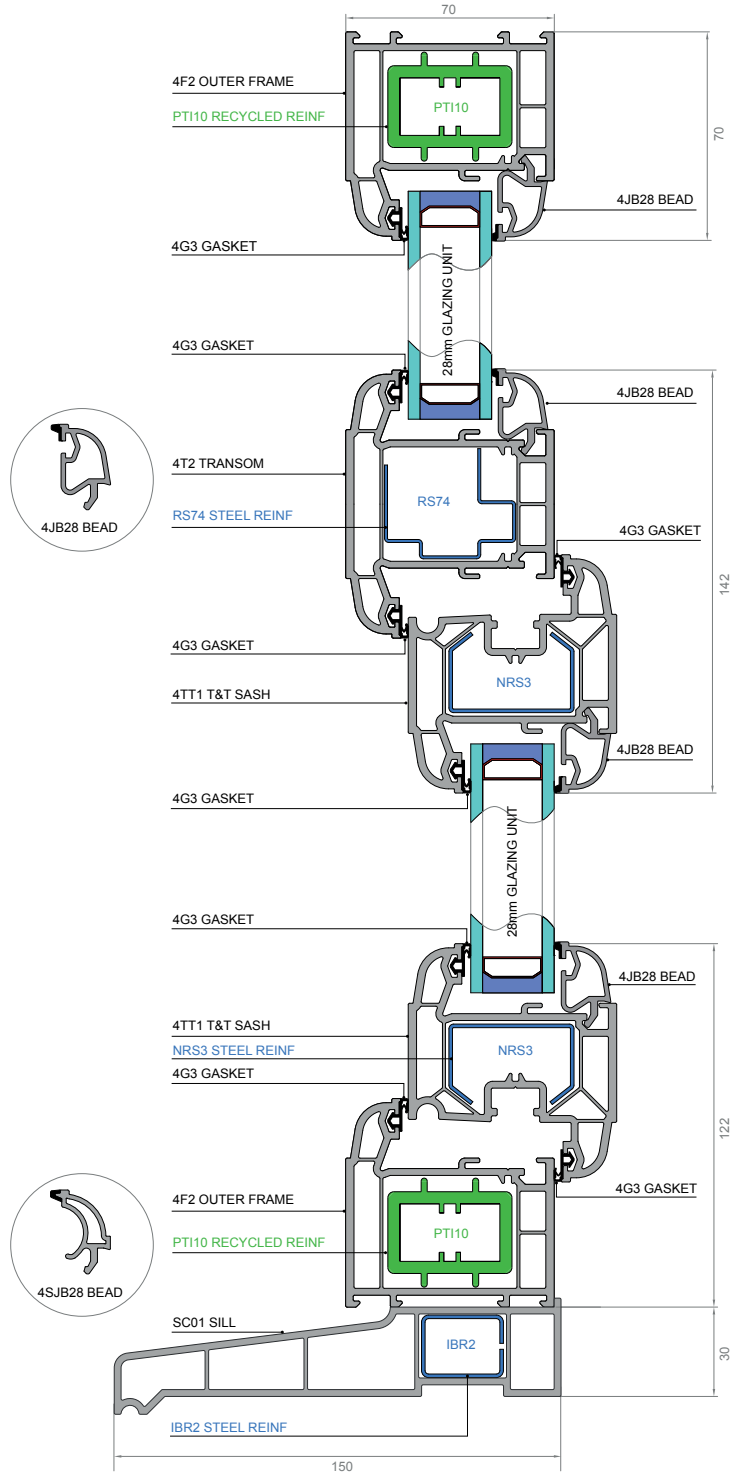
Multi-chambered outer frame and sash, with triple glazing bead and plastic thermal reinforcement

Cross section: tilt and turn

- Plastic
- Aluminium
- Recycled plastic
- Rubber
- Steel
- Other

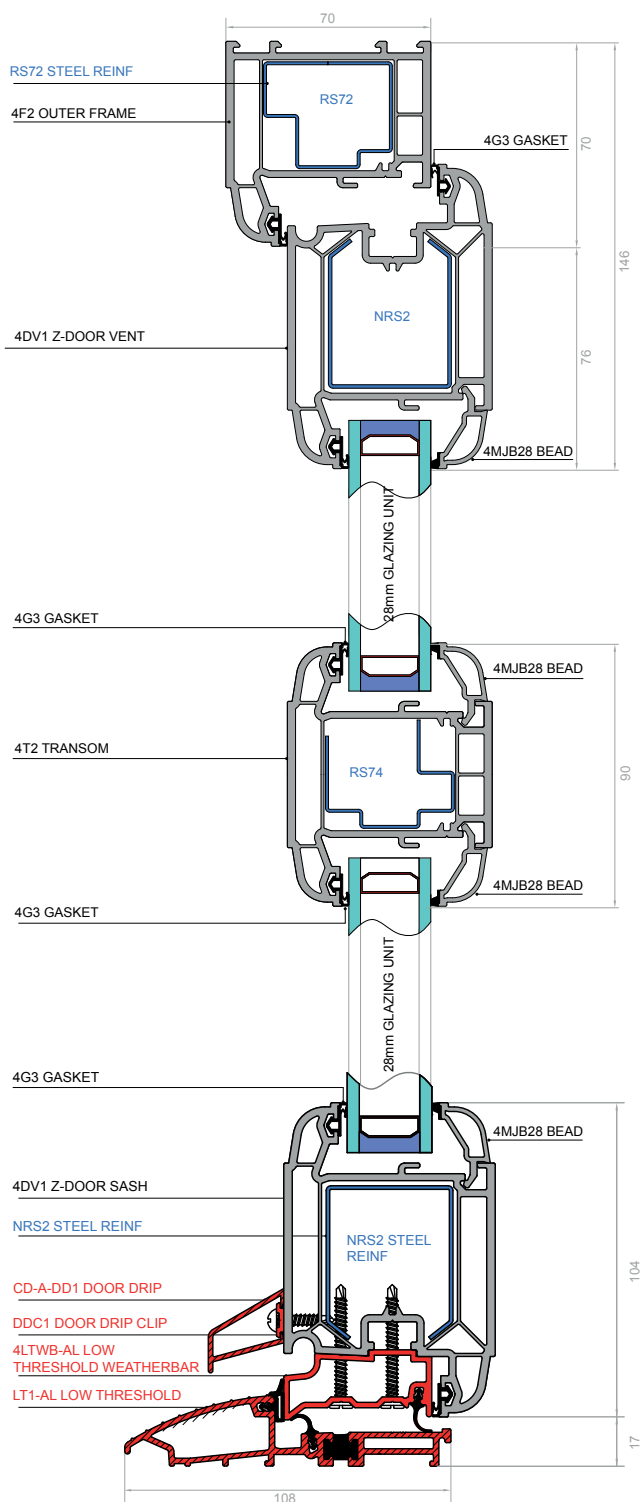


Intermediate outer frame with steel reinforcements

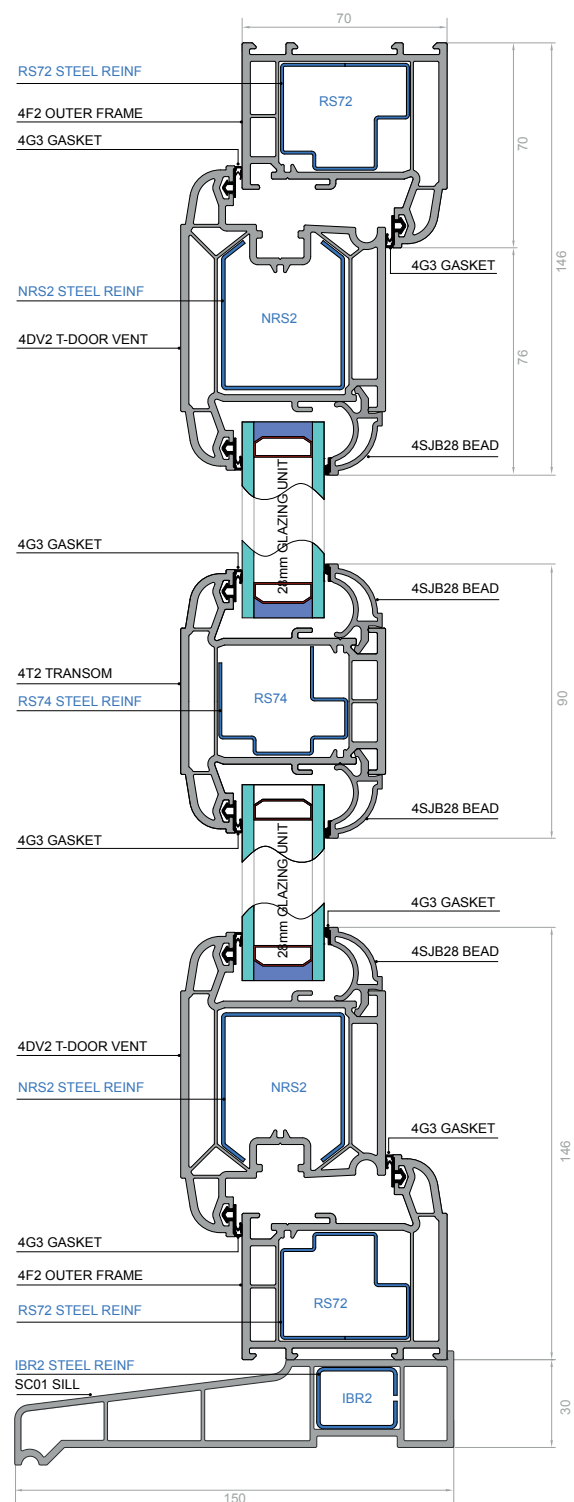


Large outer frame with plastic thermal reinforcements and steel reinforcements

Cross section: residential door



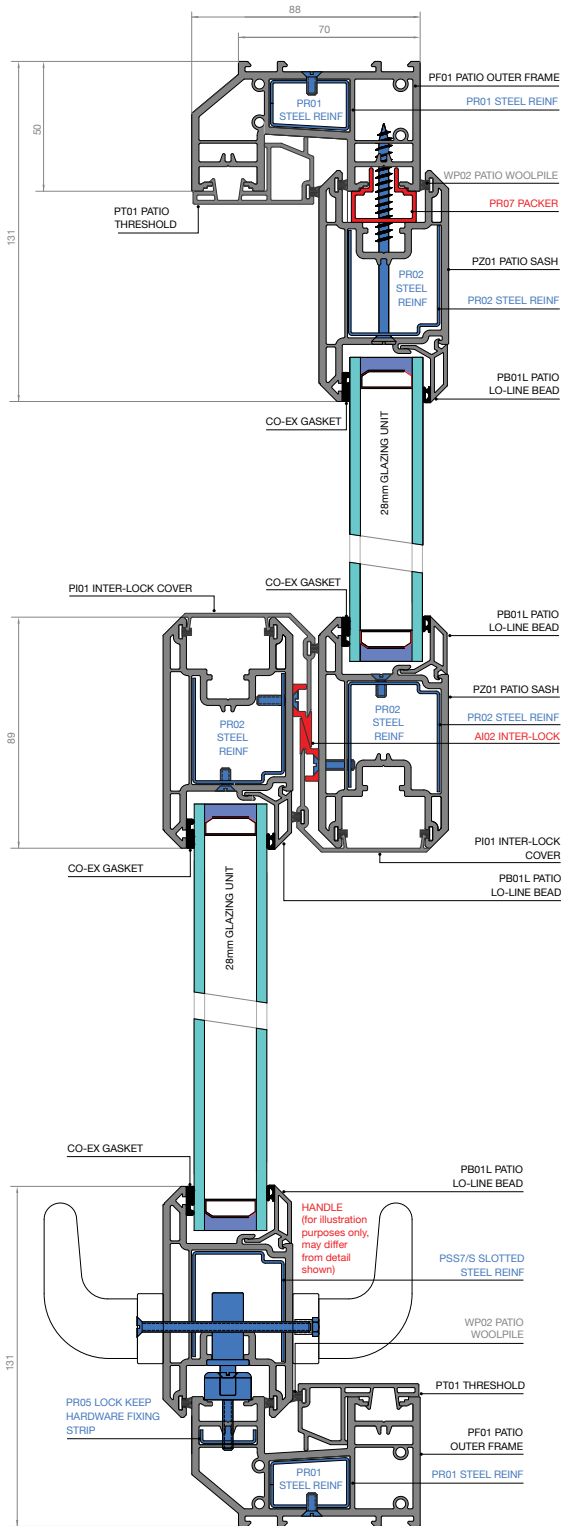
Inward opening with Part M compliant low threshold



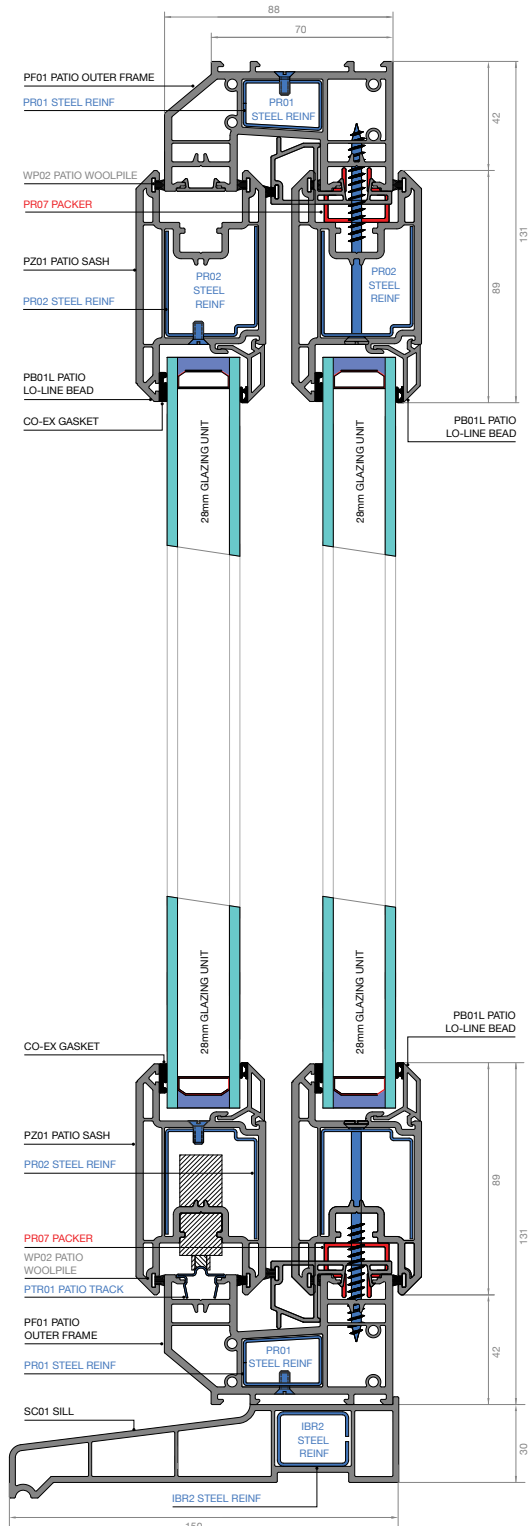
Externally opening on standard 150mm sill

Cross section: inline patio

- Plastic
- Aluminium
- Recycled plastic
- Rubber
- Steel
- Other

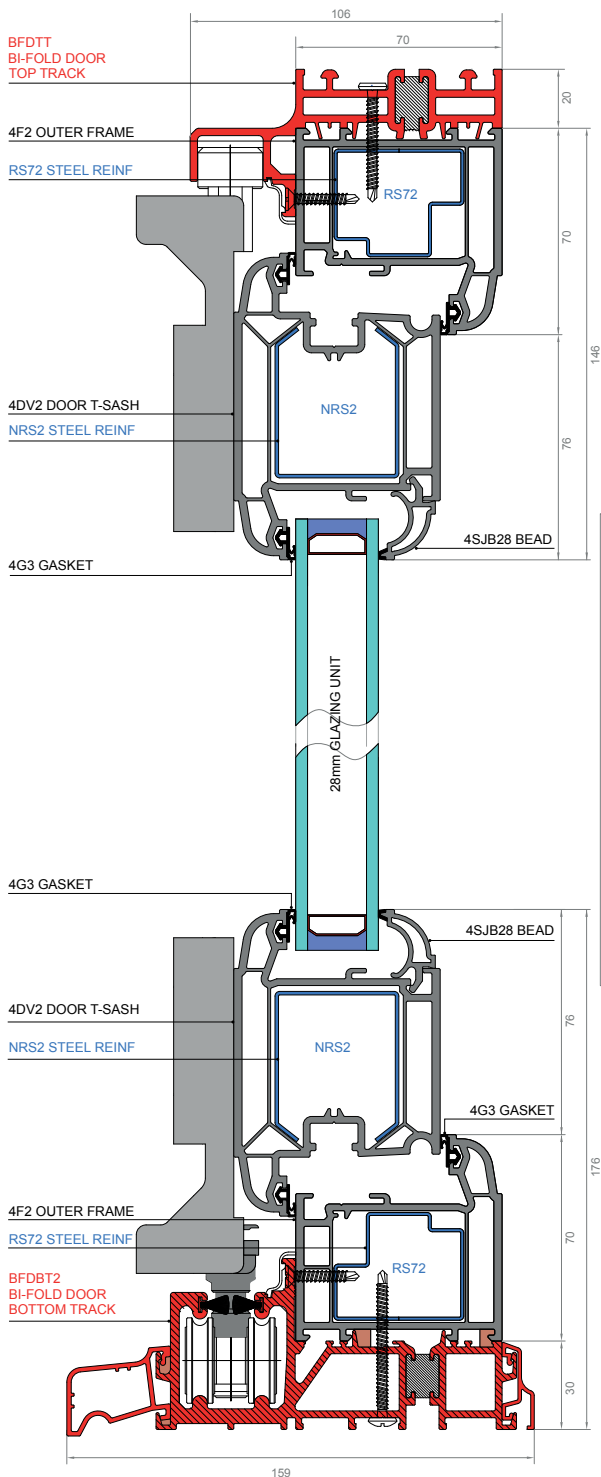


Horizontal cross section

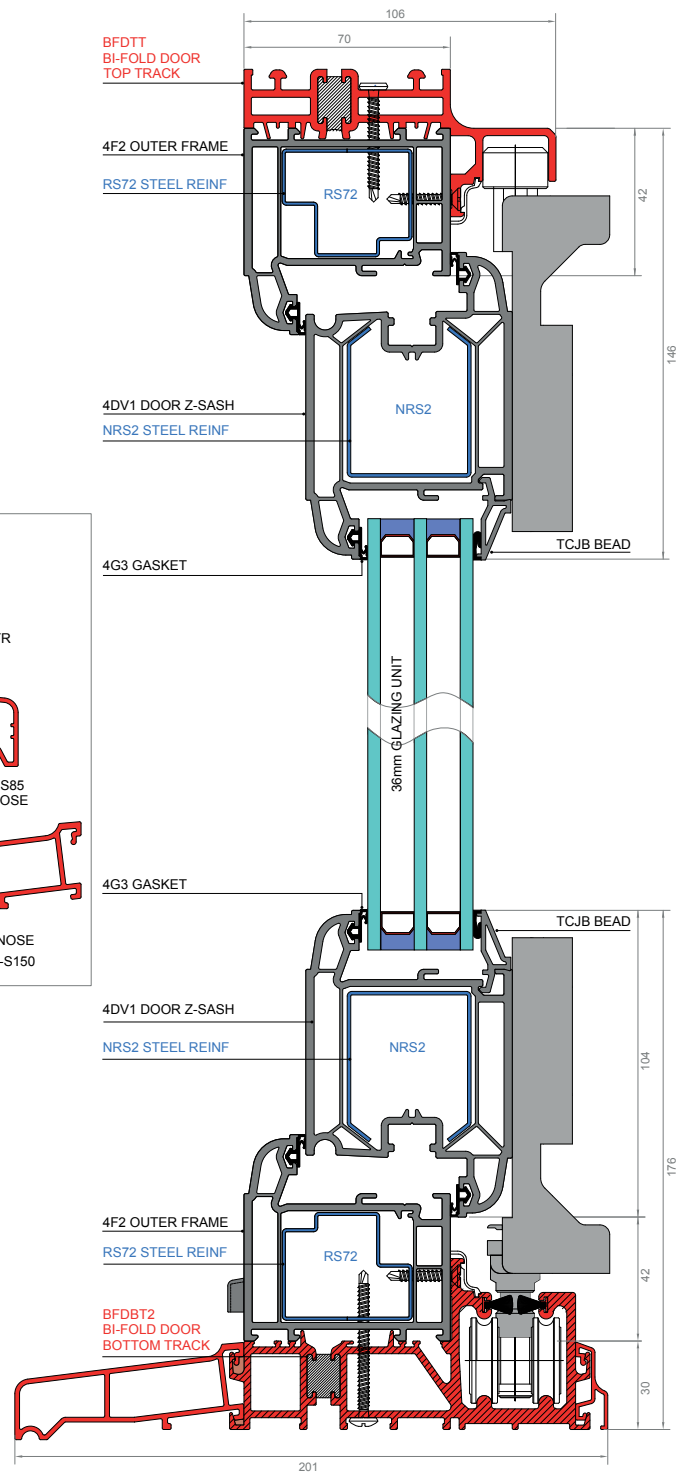
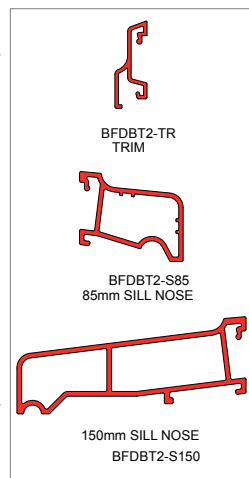


Vertical cross section

Cross section: bi-fold



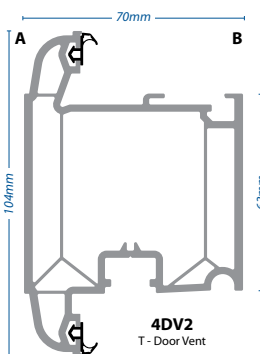
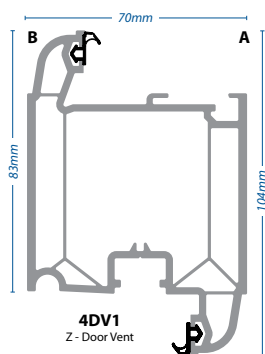
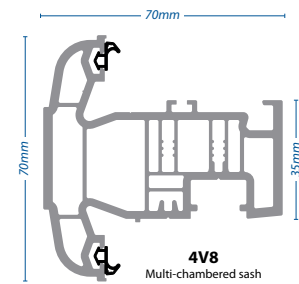
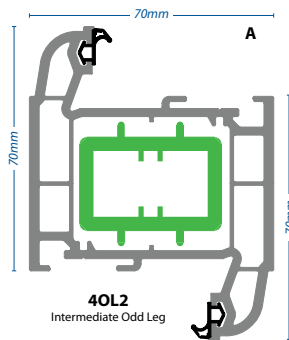
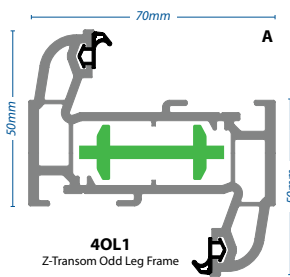
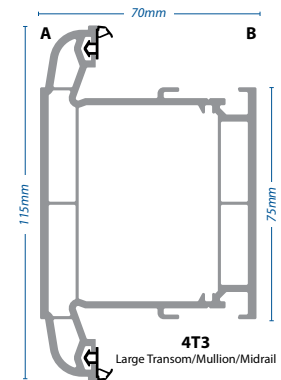
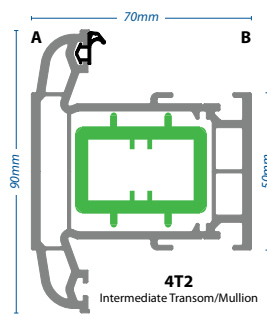
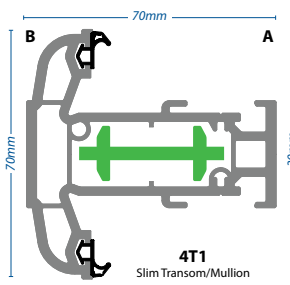
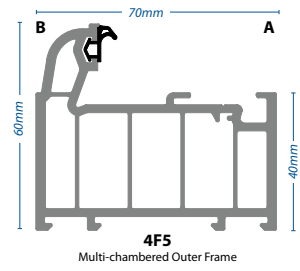
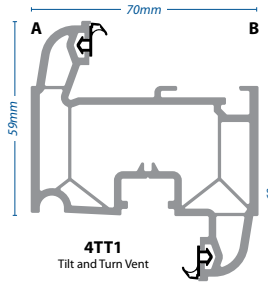
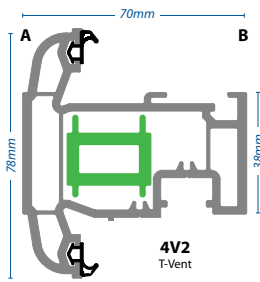
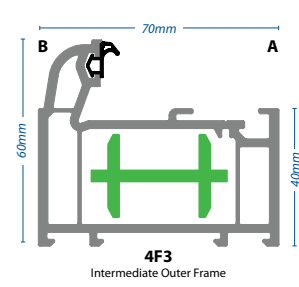
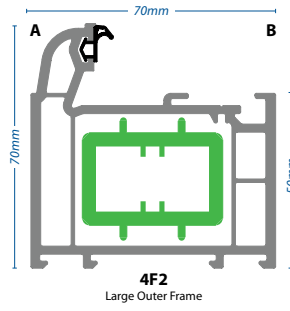
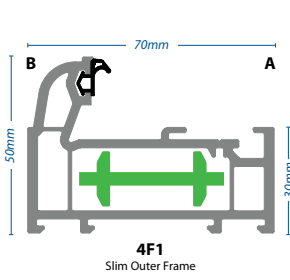
Externally opening with 85mm sill



Internally opening with triple glazed bead and 150mm sill

Component chart

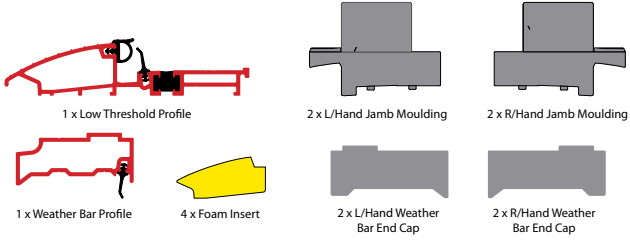
Profiles



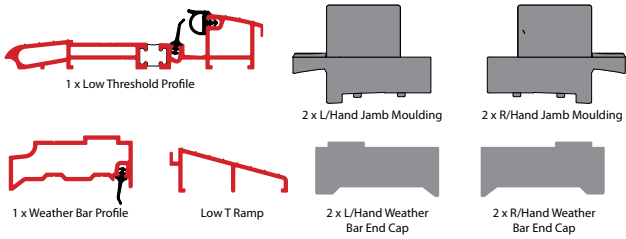
Part M Low Threshold Kits



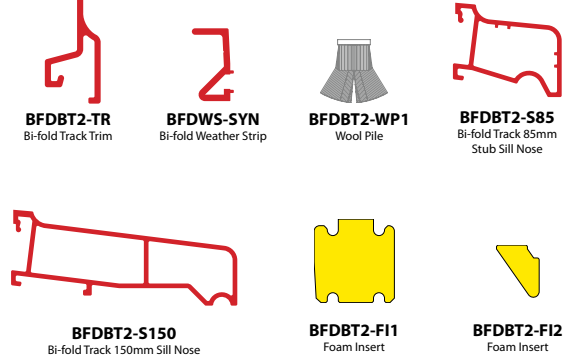
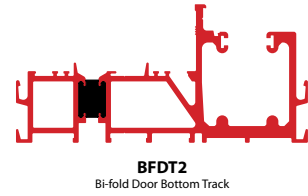
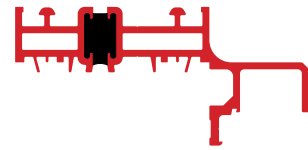
LTK-SYNGOLD LTK-SYNSILV
Inward Opening Low Threshold Kit



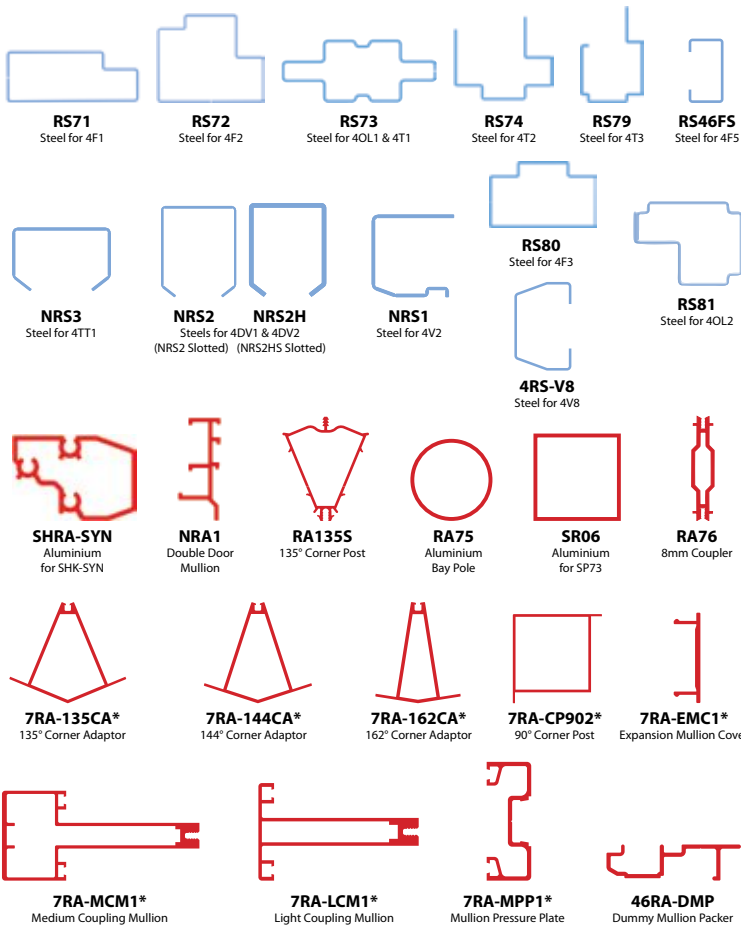
LTK2-SYNGOLD LTK2-SYNSILV
Outward Opening Low Threshold Kit



Bi-fold Doors



Reinforcements

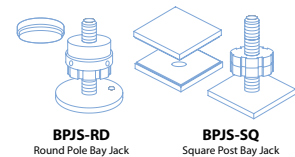


*Powder coated

Sills



Bay Jacks



Mouldings & Hardware



SCJ090
90° Sill Jointer (150mm)



SC04
Sill End Cap (180mm)



SCJ180
Straight Sill Jointer (150mm)



SCJ135
135° Sill Jointer (150mm)



NDEC78
French Door End Cap



SH68
Drain Slot Cover



DDC1-220
Door drip clip



5EMG1
Expansion Gasket



SH66
Lifting Clip (14mm)



SC02
150mm Sill End Cap



SC06
85mm Sill End Cap



SH67
Cavity Lock Wedge



SH74
Cavity Lock Wedge (10mm)



SYGP1
Glazing Bridge Packer



SHK-SYN
Sash Horn Kit

Plastic Thermal Reinforcements



PTI1
4F1, 4T1 & 4OL1



PTI5
4F3



PTI7
4V2



PTI10
4F2, 4T2 & 4OL2

Beads & Gaskets



4MJB28
Mitred J Bead
(28mm)



4SJB28
Sculptured J Bead
(28mm)



4JB28
J Bead
(28mm)



TCJB
Triple Glazing Bead
(36mm)



4G3
Gasket

Ancillary profiles



SP73
Square Bay Post



BN71
Bay Nest



RP72
Round Bay Pole Cover



CP136
Interior Cover
For RA1355



FC76
Cover for
RA76



SA13
Door Drip



SA04
Flexible Cover Fillet 50mm



CP137
Exterior cover for RA1355

SA05
Flexible Cover Fillet 75mm



FC75
3mm Frame Coupling



FC71
Fixing Cleat



SA09
Head Drip



HV71
Head Vent



EX71
25mm Extension



EX72
15mm Extension



EX74
23mm Single Leg Extension



EX77
20mm Extension

Sales, technical and customer care support



At Synseal a skilled customer care team is always on hand to provide technical information, answer any window or door related questions and assist with project enquiries. With many years of industry knowledge and experience, the team can offer you specialist advice at all stages:

- Advice on energy ratings and how to optimise the use of Synseal products
- Tendering assistance
- CAD details
- Design guides
- Dedicated commercial manager support
- Guidance on how to comply with the latest Building Regulations
- Wind load calculations
- Product specifications
- Installation instructions
- Maintenance guidelines
- Guarantee information

As a business Synseal understands that its responsibility doesn't end when products are installed and a dedicated technical team is available to provide support and ensure customer satisfaction.



Synseal is a leading UK manufacturer of conservatory roof, window and door systems

SynerJy is designed and manufactured by Synseal Extrusions Ltd. Established over 30 years ago, Synseal now employs over 500 people and has a turnover in excess of £75 million. Main operations are located at a UK-based 35 acre site with 70,000 square metres of production, warehousing and office facilities.

The corporate objective at Synseal is to deliver thermally efficient products of consistently excellent quality and design to markets worldwide at competitive prices.

Synseal constantly seeks to develop environmentally-friendly new products which will support sustainable development and reduce carbon consumption.

New ranges are designed with 100% recyclability, improved performance and cost-effectiveness in mind.

Synseal is **ISO14001** accredited which ensures that all company environmental management systems comply with and even exceed government mandates.

All quality management systems are **ISO9001** accredited which ensures that all processes are constantly checked and improved upon, to reduce waste and increase efficiency.

Synseal products are independently tested and accredited by the British Standards Institute (BSI) and the British Board of Agrément (BBA).

		
<p>ISO14001 Environmental management accreditation</p>	<p>BBA Construction industry accreditation</p>	<p>ISO9001 Quality systems accreditation</p>



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