



# HOME LIVING

THE FORMULA ONE RANGE

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## GET THE LOOK YOUR HOME DESERVES

If you're looking for the very best in high performance windows, doors and conservatories then look no further than Formula One.

Our thermally efficient profiles combined with high specification glazing to reduce heat loss, impressive security features to keep you safe, together with state-of-the-art manufacturing techniques all combine to provide a stylish product that is also kind to the environment.

There's no better way to improve the appearance, energy efficiency, security and comfort of your home than with Formula One windows, doors and conservatories.

Whether your home is contemporary, traditional or period in style, you'll find our range offers options to suit every taste and design. Our products will allow you to transform the look of your home with the added benefits of improved insulation and noise reduction together with the advantage of low maintenance.

You can relax, and enjoy home living, safe in the knowledge that in choosing Formula One you've made the perfect choice.



# SELECT YOUR WINDOWS

We offer a range of window shapes and styles so you can be sure to find something that suits your needs.

There is a wide selection of different colour options on all windows to complement and transform your home together with choices on glazing, handles and hinges. See the following pages for more details:

- **CASEMENT**  
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- **SASH HORN / BAY / SHAPED**  
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## WINDOWS OVERVIEW

If you're looking to replace your windows not only do you want a choice of different designs and styles to consider but you also demand quality and performance in every aspect. Our windows at Formula One offer the very best solutions:

- All our frames are manufactured using high impact, high performance PVCu extruded to a defined European Standard of quality and consistency, covering aesthetic appearance, dimensions, colour fastness and strength of welds.
- All our windows can be manufactured to BS7412/PAS24, the specification for PVC-U extruded profiles with heat welded corner joints.
- At the heart of the Formula One range is its energy efficiency credentials, achieving an 'A' grade energy rating with ease
- Manufactured in accordance with ISO9001 (British Standards Quality Assurance System), security hardware conforms to PAS 24 (the specification for enhanced security performance) and our security enhanced windows are also passed by the official police security initiative Secured by Design.



### Design highlights and benefits include:

- 1. TRICKLE VENT**  
Compliance to building document F 2006 and tested in accordance with BS EN 1026:2000 & BS EN 1027: 2000 weather performance. Independently acoustically tested in accordance with BS EN 20140-10:1992, ISO 140-10:1991.
- 2. HINGE**  
Produced from stainless steel and offer excellent load bearing characteristics and meet the requirements of BS6375.
- 3. GLAZING**  
Tested to BS EN1279-2& 3 / BS EN 12150.

- 4. SEAL**  
Provides outstanding weather performance to BS 4255-1 & BPF 345/2.
- 5. HANDLE**  
All handles are die cast for strength and durability.
- 6. LOCKS**  
Police preferred specification Secured By Design and exceed the requirements BS EN 1670:2007.
- 7. KEEPS**  
Police preferred specification Secured By Design and exceed the requirements BS EN 1670:2007.

- 8. EXTERIOR PROFILE**  
High performance PVCu conforming to BS EN 12608:2003.
- 9. INTERIOR PROFILE**  
Internally beaded, high performance PVCu conforming to BS EN 12608:2003.

# CASEMENT

VERSATILE AND STYLISH  
- OUR MOST POPULAR WINDOW CHOICE

Featuring outward-opening side or top hung vents, these windows are the most popular window type. With stylish looks, slim sightlines, excellent security and superior energy saving, our casement window configurations offer single, double or multiple fixed and opening lights to produce combination frames, including bay and bow windows.

**Overview and Key Features:**

- A' Energy rating as standard
- configurations Available in solid colours and a variety of foiled finishes.
- Range of handle colours to complement the finish of your windows Wide range of glass designs
- Excellent durability with minimal maintenance
- Maintained in line with the company maintenance book
- 'Extensive choice of frame designs and casement opening



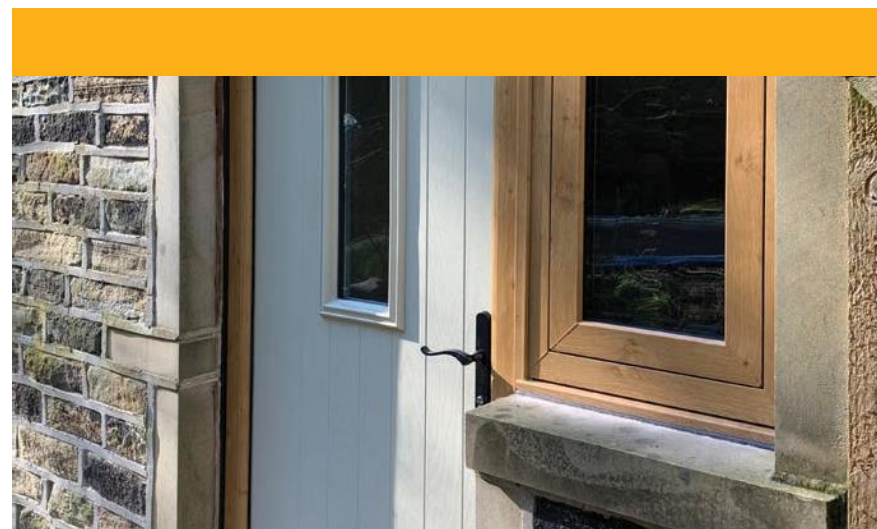
# FLUSH SASH CASEMENT

A STUNNING PERIOD LOOK FOR MODERN AND TRADITIONAL PROPERTIES ALIKE

Particularly suited to heritage homes, our new flush sash frames offer a stunning period look to both modern and traditional properties alike, fitting seamlessly into our existing range of frames to create stylish windows with an excellent energy rating

**Overview and Key Features:**

- A' energy rating as standard
- Contemporary 70mm profile depth
- Available in choice of coloured foil finishes including realistic wooden and aluminium-look finishes.
- Flush fitting appearance to exterior of frames, wide range of glass designs
- Corner protector, fitted as standard
- Excellent durability with minimal maintenance



# TILT & TURN

INWARD-OPENING WITH MAXIMUM VENTILATION FLEXIBILITY

Tilt and Turn windows let you fully open the frame inwards, for easy cleaning, or simply tilt inwards for ventilation and, because the frame opens fully, these windows can be used as a fire escape. Our Tilt and Turn windows include a special concealed gearing mechanism, eliminating the need for plastic clips that can fall off or get discoloured - making the cleaning process easier - and they can also be incorporated into bow and bay window configurations.

Overview and Key Features:

- 'A' energy rating as standard
- Extensive choice of frame designs and opening configurations
- Available in solid colours and a variety of foiled finishes.
- Range of handle colours to complement the finish of your windows
- Wide range of glass designs
- Excellent durability with minimal maintenance

Images below show operation of Tilt & Turn windows.  
 Left: rotate handle 180 degrees to open window in 'Tilt' state.  
 Right: turn handle 90 degrees to fully open the window (to approx 90 degrees).



# SASH HORN / BAY / SHAPED

ALTERNATIVE WINDOW STYLES AND SHAPES - FOR MORE BESPOKE REQUIREMENTS



## SASH HORN

Ornate box sash appearance with outward-opening top hung casement.

Sash horn windows provide an ornate box sash profile outside, but function as outward-opening top hung casement windows. An ideal alternative to vertical slider windows, sash horn windows offer casement opening flexibility whilst maintaining a traditional appearance – particularly useful when replacing timber sashes in period homes.



## BAY WINDOWS

The traditional way to maximise light and space in a room.

Maximising the available glazed area, Bay and Bow windows increase the light entering a room by using three or more frames. Traditional bay windows follow a structural extension out from the building, creating a walk in 'bay' inside. When a building wall structure is flush, Bow windows use an underside support and roof canopy instead to support three to five window sections. Both styles offer single, double or multiple fixed and opening lights to produce combination frames.



## SHAPED WINDOWS

Made-to-fit windows in any shape or size

Shaped replacement windows allow your home's original architectural features to be accentuated or preserved. For example, period properties requiring windows for arched or round openings, or angular apex windows at roof gable ends. We offer made-to-fit replacement windows in a vast range of styles, colours and finishes, enhancing any facade whilst providing excellent thermal performance.



# DESIGN OPTIONS & ACCESSORIES

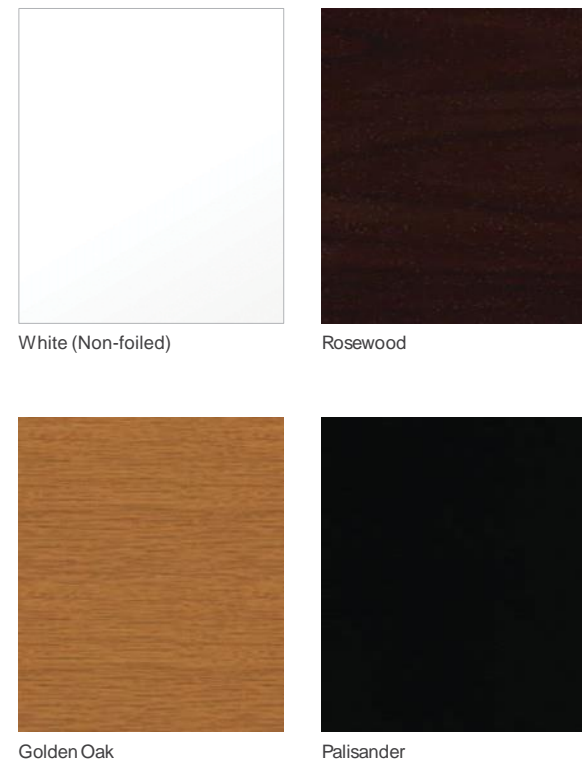
Whether it's a contemporary, classic or period property there are various options available to achieve the look, style and performance you want.



## Colour options

Choose from our range of standard PVCu frame colours or explore our wide selection of special order colours and foil finishes. Frames can even be fabricated with different colours inside and outside with over 40+ choices to select from. Please ask to discuss your options when looking to order windows.

### Standard Colours



NOTE: colours shown here are for illustrative purposes only and may not be wholly accurate / representative of the final product so please ensure you ask to see a colour swatch before making a final decision. There may be some slight variation in colour if the same colour is requested inside and outside.

### Special order colours and foil finishes

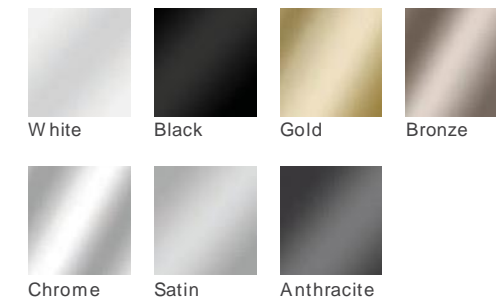


## Handles

A choice of die-cast ergonomic handles in various colours provides the perfect finishing touch. All handles are die cast for strength and durability and are available in a range of colours. The hard wearing and decorative surface finish is produced using advanced coating technology known as Physical Vapour Disposition (PVD), which offers improved levels of corrosion and scratch resistance. A full range of Marine Finish Handles are also available.



SAC Handle



Monkey Tail handles are also available. Black, gold and chrome only.

## Glazing

### High efficiency units

Our standard glazing specification starts with affordable, efficient 'A' rated double-glazed units, whilst upgrade options offer the choice of higher energy efficiency and specialist glazing effects.



### Textured glass

Our range of obscured glass offers you a selection of different patterned designs to add privacy, style or simply an attractive decorative feature.



NOTE: Images shown may not accurately represent the final product.



# SELECT YOUR DOORS

We offer a wide range of modern doors of various styles so you can be sure to find something that suits your needs.

There is a wide selection of different colour options on all doors to complement and transform your home together with choices on formats, glazing, handles and hinges. See the following pages for more details:

## ■ ENTRANCE DOORS

COMPOSITE  
PVCu PANEL  
& STABLE DOORS  
PAGES 18-19

## ■ LIFESTYLE DOORS

BI FOLD DOORS  
PAGES 20-21

SLIDING PATIO DOORS

PAGES 22-23

FRENCH DOORS  
PAGES 24-25

## ■ LIFESTYLE DOORS - DESIGN OPTIONS & ACCESSORIES

PAGES 26-27



# DOORS OVERVIEW

If you're looking to replace or upgrade your doors not only do you want a choice of different designs and styles to consider but you also demand quality and performance in every aspect. Our doors at Formula One offer the very best solutions, whether you are looking for stylish and secure front entrances or else transforming your home by maximising your living space and opening up your home to the garden outside:

- All our frames are manufactured using high impact, high performance PVCu extruded to a defined European Standard of quality and consistency, covering aesthetic appearance, dimensions, colour fastness and strength of welds.
- All our doors can be manufactured to BS7412/PAS24, the specification for PVC-U extruded profiles with heat welded corner joints.
- Manufactured in accordance with ISO9001: 2015 (British Standards Quality Assurance System), security hardware conforms to PAS 24 (the specification for enhanced security performance) and our security enhanced doors are also passed by the official police security initiative Secured by Design.



## Design highlights and benefits include:

### 1. HINGES

Weight loading and restrictive to the performance requirements of PAS 24.

### 2. GLAZING

Tested to BS EN1279-2& 3 / BS EN 12150.

### 3. LOCKS

Multi point extra throw clawbolts and meet the performance requirements of PAS 24.

### 4. DOOR HANDLES

All handles are die cast for strength and durability and can be suited to match window handles and letterboxes.

NB: We also offer a Yale Marine finish handle and letterbox in gold and chrome with a 10 year surface guarantee for coastal regions. A door strengthened hinge guard is another optional extra.

### 5. PROFILE

Internally beaded, high performance PVCu conforming to BS EN 12608:200.

### 6. KEEPS

Police preferred specification Secured By Design and exceed the requirements of PAS 24



# COMPOSITE / PVCu PANEL / STABLE DOORS

A COLLECTION OF ENTRANCE DOORS TO SUIT EVERY TASTE AND DESIGN, WHATEVER THE STYLE OF YOUR HOME



## Composite doors

Using modern high performance materials, our composite entrance doors faithfully replicate the traditional grained look of natural timber.

Unlike painted wood, the only maintenance needed is an occasional wipe with a damp cloth and a three-seal PVCu outer frame ensures excellent draught and sound-proofing.



## PVCu panel doors

Stylish, affordable and secure, our PVCu doors come in a range of panel styles including glazing and side light options.

They feature a high security multi-point locking with the option of inward or outward opening and both inner and outer panel PVCu skins are pressure-bonded to a fire and moisture-resistant core creating a robust, weatherproof unit.



## Stable doors

The ability to open just the top half of the door – if you are concerned about the movement of young children or dogs.

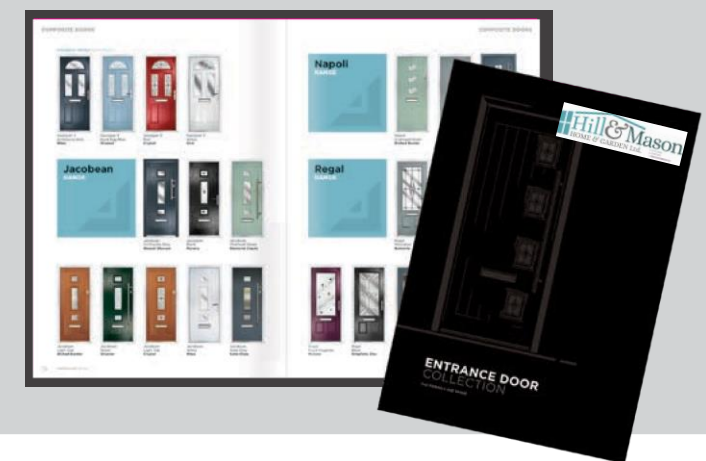
For instant flexibility for any threshold our The top door panel has a double glazed pane with a wide choice of options. Stable tilt and turn windows go a step further; the top door panel can instead also tilt inwards, allowing ventilation to the room whilst maintaining security with the door closed.



There is a wide range of door styles and colours to choose from – including options on handles and glazing.

More information about the complete **Formula One Entrance Door Collection**.

Please ask to see our separate brochure.



# BI-FOLD

THE ULTIMATE WAY TO BRING THE OUTSIDE IN

The Formula One Range of bi-folding doors really give you the opportunity to maximise the space in your home and effectively bring the outside in. Exceptionally stylish, secure and energy efficient.

Formula One bi-folding doors are manufactured to your individual specification and come in a choice of colours and finishes with various options for handles and hinges. They are extremely simple to use, unobtrusive and ideal for all homes. With configurations varying from 2 panels up to 7 there is an option to suit any type of property offering wide span door openings.

The added option of internal or external openings also means they can be installed in any number of locations throughout your property.



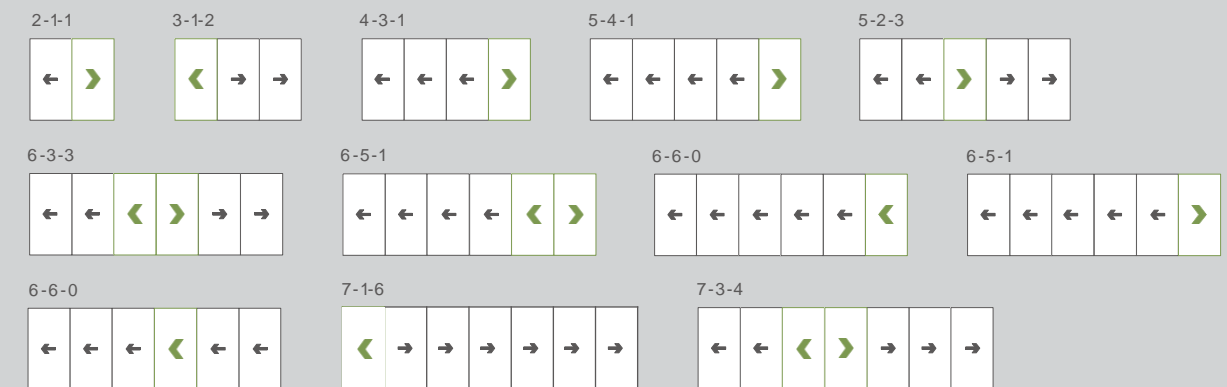
Overview and Key Features:

- A smooth finish powder coated aluminium product that is durable, strong and easy to operate
- Energy efficient
- Low threshold option available
- Exceptional security features as standard
- Multipoint locking mechanism as standard
- Available with 1 opening door feature for practicality
- Family friendly
- Supplied with 4 choices of colour outer frames as standard
- Additional colours are available upon request
- Manufactured to fit your bespoke specification
- Exceptional wind and weather performance

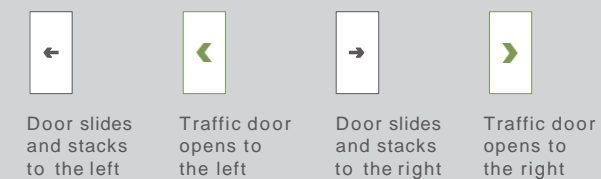


## Formula One Bi-fold configurations

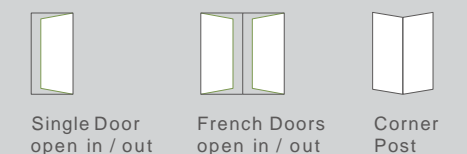
There is an extensive choice of configurations available - please ask for further details regarding options and suitability.



KEY



OTHER OPTIONS AVAILABLE



# SLIDING PATIO DOORS

SPACE-SAVING ACCESS  
TO A GARDEN OR PATIO

All of our sliding patio doors are bespoke to your requirements. Individually manufactured to your exact measurements and to a design of your choice.

Available in 2, 3 or 4 pane configurations. There are a range of colour options available for the frame in addition to a choice of handle styles and finishes. A low threshold option is also available, ideal for improved family friendly access. Our sliding doors are extremely easy to use, lightweight in their operation and extremely resilient. Guaranteed for 10 years they won't fade, split, or warp and will withstand even the worst of the British weather conditions.



Overview and Key Features:

- Six point locking system for outstanding security
- Anti-bump lock cylinders
- Secured By Design achievable
- Internal sliding panels for added security
- Choice of handle colour
- Choice of colour finishes
- High performance 28mm glass as standard
- Concealed fixings
- Multi chamber sash for maximum thermal efficiency
- Insulated to help block out external noise
- Fully compliant with CE marking regulations



# FRENCH DOORS

CLASSIC CONTINENTAL ELEGANCE FOR ANY HOME



The ideal choice for affordable easy access to the garden, terrace or balcony, Formula One French doors maximise light and add continental elegance to any home.

Featuring two doors opening inwards or outwards, slim PVCu frames and no central mullion, access and views are unobstructed.

These doors also benefit from multi-point locking and internal reinforcement, thus enjoying the same high security levels as our other garden lifestyle products.

Overview and Key Features:

- Available in solid colours and a variety of foiled finishes
- Choice of door furniture
- Multi-point locking with anti-bump, anti-drill, anti-intruder key cylinder as an optional upgrade
- Excellent durability with minimal maintenance
- Accessible low threshold options



# DESIGN OPTIONS & ACCESSORIES

Whichever style you select from our range of lifestyle doors there is a choice of colours and handles to complement your home.



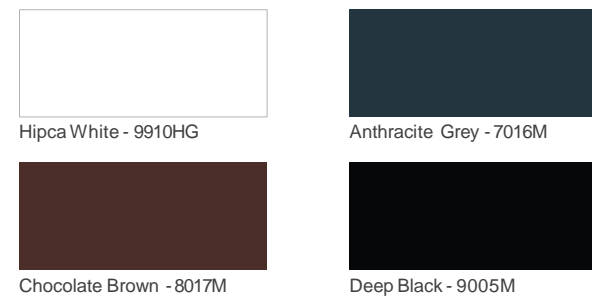
Whether it's modern bi-folding doors, sliding patio doors or traditional French doors, our comprehensive range of products will allow you the freedom to really transform your home and maximise your space.

Choose from our range of standard frame colours or explore the wide selection of alternative colours and foil finishes available, depending on your choice of door. In some cases frames can even be fabricated with different colours inside and outside to complement your living space – please ask for details.

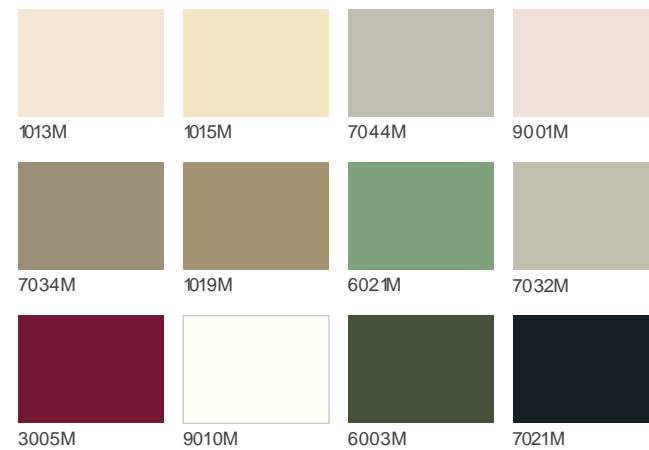
NOTE: Colours shown here are for illustrative purposes only and may not be wholly accurate / representative of the final product so please ensure you ask to see a colour swatch before making a final decision.

## Bi-fold doors

### Standard colours



### Popular RAL colours



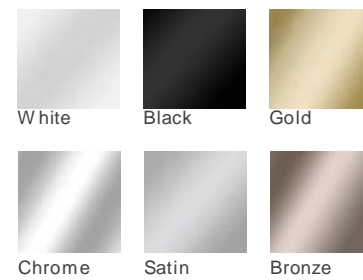
Other RAL colours are available. Please ask for details.

### Handles

A choice of die-cast ergonomic handles in various colours provides the perfect finishing touch for your Bi-fold doors.

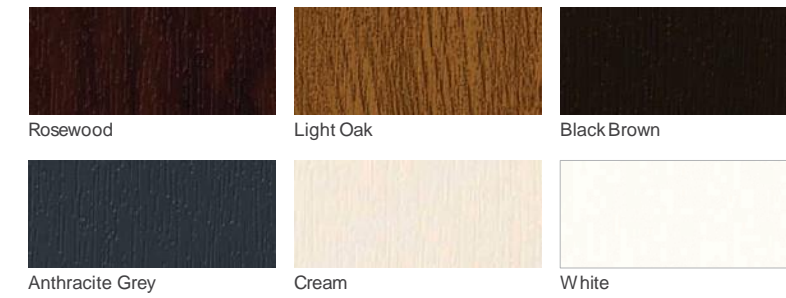


Door Handle - Chrome

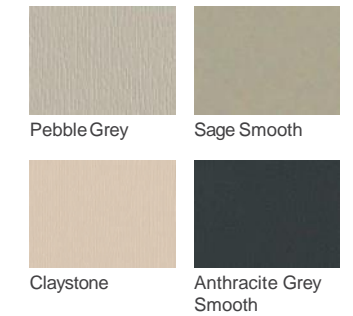


## Sliding patio doors

### Standard colours



### Special foils



Other special foils are available. Please ask for details.

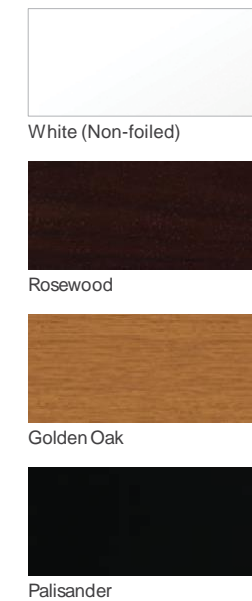
### Handles

Our locking handles are a fundamental part of our doors' security system. Using the best quality alloys and incorporating scratch resistant finishes there's a handle to complement any colour scheme.



## French doors

### Standard colours



### Special order colours and foil finishes

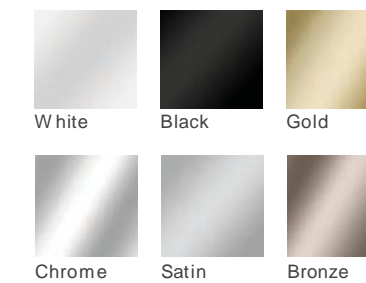


### Handles

A choice of die-cast ergonomic handles in various colours provides the perfect finishing touch for your French doors.



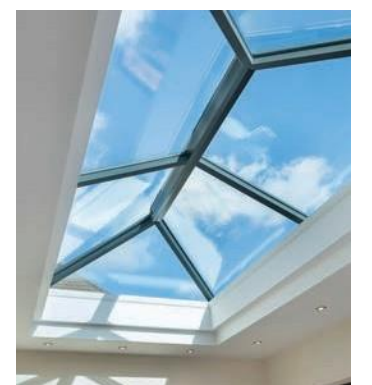
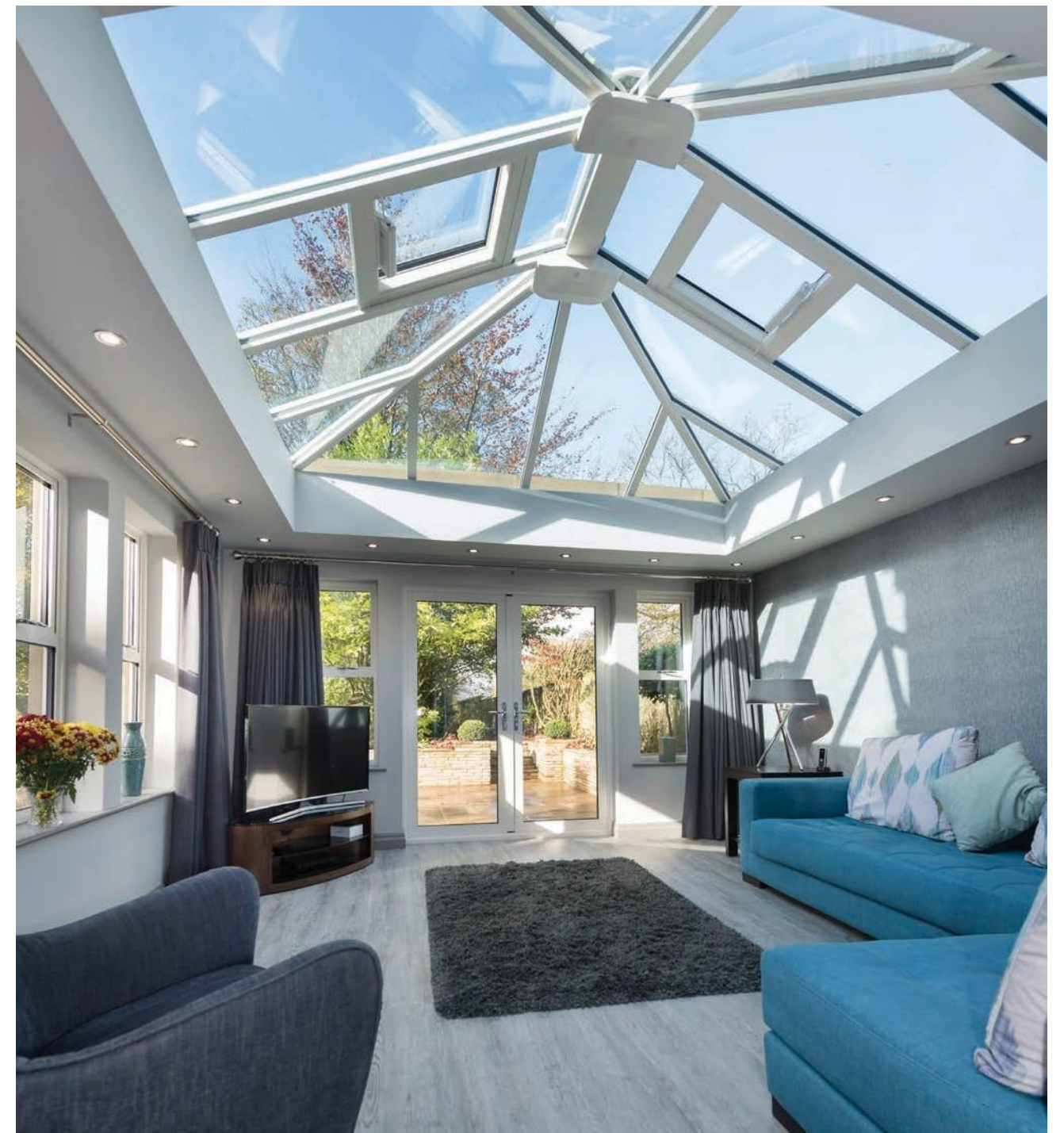
Door Handle - Chrome



# THE FORMULA ONE CONSERVATORY RANGE DESIGNED FOR LIVING

You can add an extra dimension to your lifestyle by making the extra space many of us often dream of. From the classic Victorian style or the elegant Edwardian look, to the most exotic and unusual designs; The Formula One range of conservatories gives you complete freedom of choice to plan your ideal extension.

So, whether you are looking for a special place to entertain friends and family, a quiet corner to put your feet up and enjoy the garden or simply somewhere safe for the children to play, a Formula One conservatory will turn your dreams to reality.



# HOME LIVING PRESENTED

There's no better way to improve the appearance, energy efficiency, security and comfort of your home than with Formula One windows, doors and conservatories.

Now learn more about the details behind the technical excellence of our products and services, including important security features that are built in to give you complete peace of mind.

Just flip the brochure over and discover Technical Excellence.



High quality PVCu profiles, superior thermal performance and advanced security features offer the very best in technical excellence from Formula One.

Now see how these technical solutions combine with superior design to offer a choice of windows, doors and conservatories that will give your home the look it deserves.

Just flip the brochure over and discover Home Living.

# TECHNICAL EXCELLENCE SECURED



# SECURITY WITH CONFIDENCE



The quality and design of your windows and doors dictates the security of your home. One weak link is all it takes: one-fifth of all UK burglaries are committed by simply accessing an unlocked door or open window, whilst forced doors and windows account for all the rest.

## SECURED BY DESIGN

All Formula One windows and doors use the latest shootbolt multipoint locking systems and internal glazing beads. The profile walls are strong and robust, with steel reinforcement at the critical points to increase resistance to attack. Our security commitment ensures that our windows and doors can meet the Police preferred Secured By Design standard.

## COMPLETE PEACE OF MIND

When it comes to home security it is important to have complete peace of mind. Rest assured that our products come with high quality locks, hinges and anti-jimmy excluders as standard – not optional upgrades – as we believe your safety and security is of paramount importance.

## Window Security

All window security hardware conforms to BS EN 1670:2007, the specification for enhanced security performance. Our security enhancements are also passed by the Association of Chief Police Officers specification Secured by Design.

**LOCKS:** Multipoint locking: Police preferred specification Secured By Design and exceed the requirements BS EN 1670:2007.

**KEEPS:** Police preferred specification Secured By Design and exceed the requirements BS EN 1670:2007.

**SHOOTBOLTS:** Excalibur plus locks include twin die cast clawbolts, large steel mushroom espagnolette cams and double high strength steel shootbolts.

**ANTI-JEMMY STEEL EXCLUDERS:** Provided as standard on all of our windows.

**HINGES:** Stainless steel, meeting BS6375 with excellent load bearing characteristics.



**SAFETY:** Multipoint locking for the ultimate peace of mind and safety.



**SECURITY:** Double high strength steel shootbolts with espagnolette cams combine with high specification keeps for maximum security.



**DURABILITY:** Die cast key locking handle for strength and durability.

## Door Security

All doors can be manufactured to the police preferred specification Secured By Design and meet the requirements of PAS24.

### DOOR HANDLES:

Door handles are corrosion resistant with multipoint locking controlled cylinder.

### 1STAR PLATINUM HANDLE:

Made from 316 stainless steel to withstand 480 hours of corrosion resistance so less likelihood of the door handles pitting. Can be paired with a Platinum 3 Star cylinder to achieve PAS 24.\*

### 2 STAR PLATINUM HANDLE:

Has a built in cylinder guard for higher security. This is also the only handle that we sell that when paired with the 1 star cylinder can achieve a 3 star security rating. Can be paired with a Platinum 1Star cylinder to achieve PAS 24.\*

### LOCKS:

Doorlocks include 2 deep throw stainless steel hook bolts, 2 deep throw dead bolts, centre latching facility with centre hook and 2 roller cams interspaced along the whole length of the lock with a stainless steel faceplate.

### SUPERIOR 1STAR CYLINDERS:

Secured By Design accredited, this product has replaced our magnum cylinders. They are Anti Bump, Anti Drill and Anti Pick with a high security dimple cut blade key. Can be paired with a 2 Star Platinum handle to achieve PAS 24.\*

### SUPERIOR 3 STAR CYLINDERS:

The 3 Star meets all of the above criteria as the 1star and more. In addition to Anti Bump, Anti Drill and Anti Pick they are also Anti Pull and Anti Screw, due to the sacrificial face, and include the high security dimple cut blade key. Can be paired with a 1Star Platinum handle to PAS 24.\*

**KEEPS:** Police preferred specification Secured By Design exceeding the requirements of PAS23/PAS 24.

**PATIO DOOR SECURITY:** Includes high security anti jacking system with a 6 point hook lock.

\*Door Hinge Protectors, Glass Clips and Laminated Glass still required to meet PAS 24 for Document Q Accreditation.



**SAFETY:** Multipoint locking for the ultimate peace of mind and safety.



**DURABILITY:** Die cast key locking handle for strength and durability.



**SECURITY:** Stainless steel hook bolts and deep throw deadbolts for maximum security.



FORMULA ONE RANGE  
**SECURITY SEAL**

# ENERGY AND SUSTAINABILITY

## TAKING CARE OF OUR ENVIRONMENT

We are all aware of global warming and the issues for the future of our planet. The impact of building and our use of energy in them is becoming more critical every year. Reducing greenhouse gases will help reduce the rate of climate change and there is a definite requirement for us all to work together towards this goal.

### LEAD FREE PVCU

Historically, older PVCu window frames and doors used to contain lead-based additives and if touched, especially once weathered, there was a risk of lead contamination.

Today, end-of-life PVCu products are turned into granules to make reconstituted PVCu state-of-the-art reinforcing materials wherever possible. When you purchase a Formula One product you can be sure that your old PVCu windows will not end up as landfill - they will be recycled and used as reinforcing in the future.

We now have the technical ability to use this material safely for non-weather-facing material within a number of our profiles. All Formula One weather-facing / UV-facing surfaces are 100% lead free and made from 100% virgin polymer PVCu. Inside, any recycled PVCu is incorporated safely, clearly identified by a different colour.



Formula One Windows are ecologically sound and sustainable. Energy-saving glazing materials are used to reduce greenhouse gas emissions and heat loss, which means lower heating bills. All our windows are 'A' Energy Rated as standard, and can be upgraded up to 'A++' with triple glazing.



You cannot get through a single day without having an impact on the world around you. What you do makes a difference and you have to decide what kind of a difference you want to make.



# GLAZING AND EFFICIENCY

## THE ENERGY EFFICIENT DESIGN THAT KEEPS YOU WARM

Fitting energy-efficient windows and doors can cut the cost of heating your home dramatically and, since a better insulated home consumes less energy, it also reduces harmful CO<sub>2</sub> emissions.

All Formula One glazed units are Argon gas-filled and benefit from super spacer, warm edge technology. This German engineered system comprises a thermally efficient, five chamber PVCu unit which creates a barrier between cold air outside and warm air inside.

Our standard double-glazed units are 'A' rated and tested to BS EN1279-2& 3 / BS EN 12150. They offer a net energy gain of 2KWH/m<sup>2</sup>/per year to the household.

Our standard window and door glazing specification starts with affordable, efficient 'A' rated double-glazed units, whilst upgrade options offer the choice of higher energy efficiency and specialist glazing effects.

Glazing options available include:

- Upgrades to Triple glazed units to an Energy Rating of 'A++'
- Specially coated double or triple-glazing that reduces solar loss/gain
- Glazing styles including Frosted glass, Etched glass, Stained glass, Georgian bars and Leaded glass.

In very large glazed areas like conservatories, thermal loss and solar gain become particularly important to ensuring comfortable year-round use. So in addition to the 25mm (standard) polycarbonate roof, we offer a 40% thicker 35mm option too.

Window Energy Ratings rate windows from 'A/A+' to 'G' using a 'traffic-light' type colour code and to meet building regulations, all new windows must achieve a minimum WER 'C' rating or U-value of 1.6 or less. Although doors and conservatories are not rated in the same way our products are nevertheless equally energy efficient ensuring your home performs well.



28mm

### A ENERGY SECURE

Important energy and noise performance:

U Value (The measure of thermal performance) = **1.5**

Noise Reduction Qualities = **-31db**

Make - up specification:

- 07mm Depth Frame
- 06mm Outer frame height
- 1aGzingelement is Pilkington KS Softcoat
- 4m Annealed outerpane / 20mm super spacer / 4mm KS Softcoat inner pane
- 11AGlazing units are compression gap sealed and Argon Filled



36mm

### A+ ENERGY SECURE

Important energy and noise performance:

U Value (The measure of thermal performance) = **1.2**

Noise Reduction Qualities = **-32db**

Make - up specification:

- 07mm Depth Frame
- 06mm Outer frame height
- 1aGzingelements are Pilkington Optiwhite & KS Softcoat
- 4m OptiWhite outerpane / 12mm super spacers / 4m KS Softcoat centre & inner pane
- 11AGlazing units are compression gap sealed and Argon Filled



40mm

### A++ ENERGY SECURE

Important energy and noise performance:

U Value (The measure of thermal performance) = **0.8**

Noise Reduction Qualities = **-32db**

Make - up specification:

- 07mm Depth Frame
- 05mm Outer frame height
- 1aGzingelements are Pilkington Optiwhite & KS Softcoat
- 4m OptiWhite outerpane / 14mm super spacers / 4mm KS Softcoat centre & inner pane
- 11AGlazing units are compression gap sealed and Argon Filled

# SUPERIOR SERVICE AT EVERY STAGE



## FIRST CLASS SERVICE & SATISFACTION

Formula One Range' technical support team is on hand to assist with specifying or advising on any project. We'll make sure that your order and specification is exactly what you require.

On our part, we have confidence in the team at Formula One Range is demonstrated by our comprehensive 10 Year Guarantee which is provided to all our contracts with all our products. For additional peace of mind we are pleased to offer further customer support from our dedicated team of aftersales engineers so we won't rest until you are completely happy with our work.

### QUICK PRODUCTION TURNAROUND

Our fast and efficient turnaround means our installers can usually schedule your installation quickly, fully confident that your products will be delivered on-time without delays, nationwide.

Formula One guarantee's to provide a professional, reliable and ethical product with it's service to the consumer.

### FLEXIBILITY AND CHOICE

With slim-sightlines, an extensive choice of colours and finishes and excellent Secured By Design security, it's no wonder homeowners, architects and developers choose the Formula One range. Our windows, doors and conservatories offer thermally-efficient double or triple glazing with 'A' energy rating as standard so your home will be warmer and you'll spend less on heating and cooling bills.



### SATISFACTION GUARANTEED

As an owner-managed business we are approachable, knowledgeable and hands-on. We pride ourselves on delivering superior service levels and will always go the extra mile to ensure total customer satisfaction.

With a policy of supporting local, we have a dedicated workforce of engineers with over 25 years' experience in the PVCu windows, doors and conservatories market.



### FULLY GUARANTEED PRODUCTS

Provided that they are properly installed, used and maintained in line with the Formula One Range' maintenance hand book, all our products are covered by a comprehensive manufacturer warranty.

- PVCu Profile
  - 10 years against discolouration, warping and cracking
- Window Handles
  - 10 years mechanical operations & 10 years surface finish
- Window Hinges
  - 10 years mechanical operations
- Window Locks
  - 10 years mechanical operations
- Door Handles
  - 10 years mechanical operations & 10 years surface finish
- Door Hinges
  - 10 years mechanical operations & 2 year PVD surface finish
- Door Locks
  - 10 years mechanical operations & 12 months surface finish
- Glass
  - 10 years for all units supplied with super spacer & 5 years for other spacer bar options



# WHAT MAKES US DIFFERENT



## PERFORMANCE AND INDIVIDUALITY

You want to be confident that your new windows, door or conservatory will keep you protected from the harsh extremes of the weather, keep your home secure, improve your comfort and lifestyle, as well as give your home a sparkling new look for many years to come.

At Formula One we build in durability and reliability as standard. All our windows and doors are fully tested to withstand the very worst weather conditions - from scorching hot to freezing cold plus driving wind and rain – so you can be sure that wherever you live we can provide the best solution for your home.

Our range also offers the very best in security with all locks purpose made using the highest quality materials and tested to meet the Police Preferred Specification (Secure By Design) to give complete peace of mind that the security of your home is not compromised.

You can also choose from a selection of designs and a range of popular colours – from a standard brilliant white to a distinctive range of coloured foil finishes for

something more discerning. Whatever your choice, you can be sure of producing a special and unique look for your property that will also give optimum performance whatever the weather.

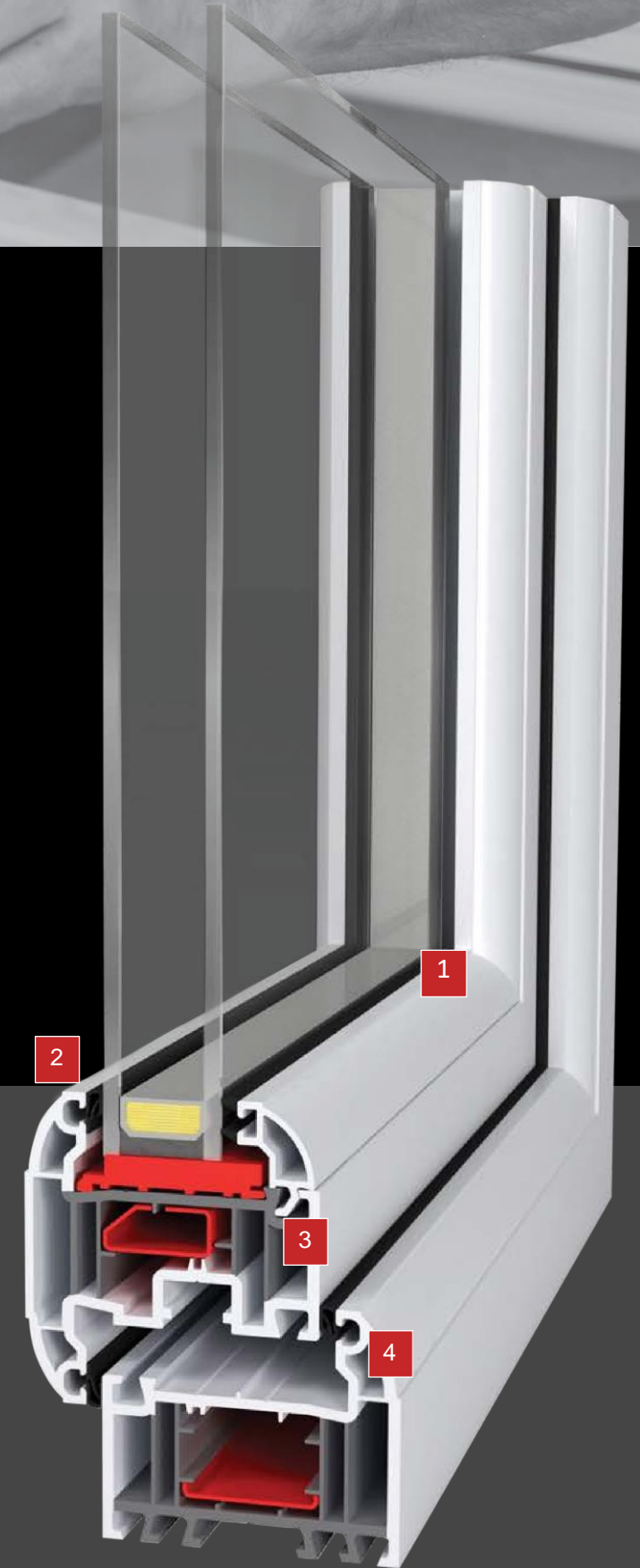
### A HIGH PERFORMANCE SOLUTION

All our frames are manufactured using high impact, high performance PVCu. Fully sculptured Formula One Range profile delivers exceptionally clean and slim sightlines and the flexibility and subtlety for use in retail, new build and specification sectors.

All frames are fusion welded and NOT screwed together, ensuring better cohesion and corrosion stability. The main profile depth of 70mm with integrated five chambers (front to back) is at the core of the system. All outer frame PVCu walls are approaching 4mm thickness and incorporate two chambers either side of the reinforcement chamber, preventing thermal bridging and providing superb thermal insulation.

Design highlights and benefits include:

- Five chamber, 70mm energy efficient design.
- Internal Glazing Beads for extra security and meets weather tightness standard BS 6375.
- A low-line PCE Co-Extruded Gasket providing outstanding weather performance whilst complementing the elegant sightlines. Severe weather rating for windows and doors openings and glazing is achieved by double seal using TPE (Thermoplastic Elastomer) gaskets, fusion welded at each corner to eliminate shrinkage, to BS 4255-1 and BPF 345/2.
- Deep drainage furrow.
- Profile thickness for firm hardware anchoring.
- Profile specific galvanised steel reinforcement to BS EN 10346:2009.
- Glass units are "Argon" gas filled super spacer, Warm edge technology double glazed units tested to BS EN1279-2&3 /BS EN 12150.



#### 1. GREAT FINISH

Formula One Range offers a premium quality finish. A pioneering system means that Formula One can also guarantee environmental performance with eco-tech 70 recycled content options.

#### 2. BEADING

Formula One Range has a full range of beading options from a 24mm to a flush fitting 44mm bead, double and triple-glazed options are easily accommodated to achieve a WER A++ rating.

#### 3. SUPERB WEATHER PERFORMANCE

A 23mm rebate with an 8mm cover gives an optimum weathering performance.

#### 4. FULLY SCULPTED

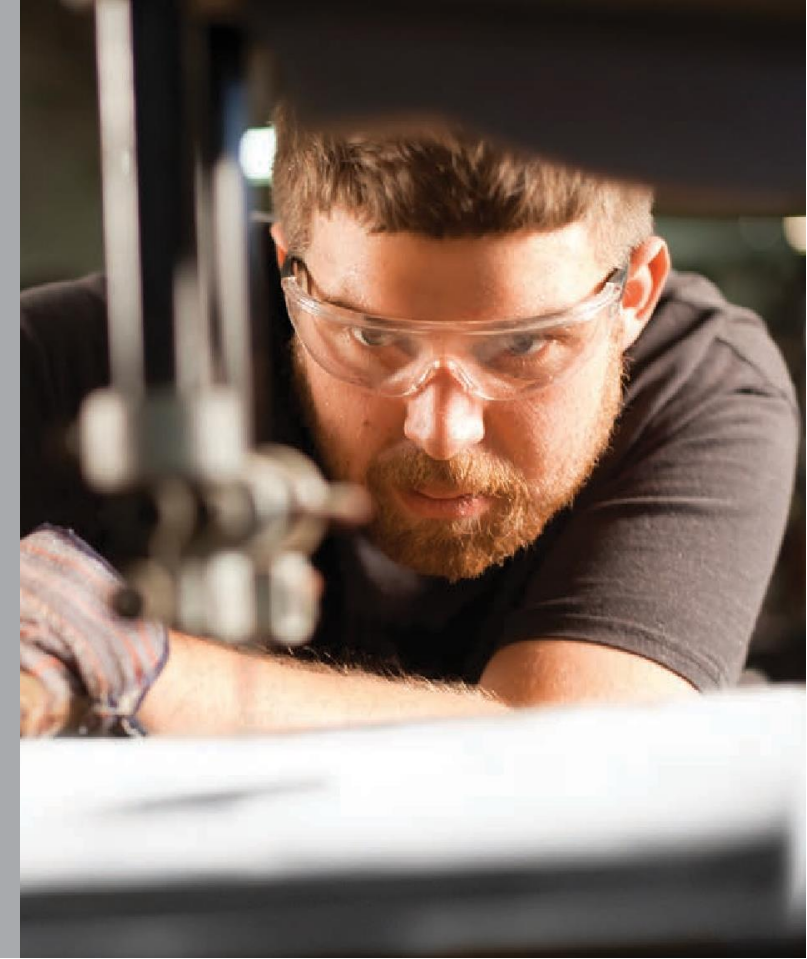
The Formula One Range is a fully sculptured 70mm five chamber system which provides excellent insulation to achieve a WER A++ rating.



# UK MANUFACTURING coupled with GERMAN INNOVATION & DESIGN

Fenster mit Deutsch Technik und design

## ENJOY THE BENEFITS OF TECHNICAL EXCELLENCE AND SUPERIOR DESIGN



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Our product range has been derived from decades of manufacturing, along with extensive experience in research and development to give the best technical solutions combined with superior design.

From windows and doors to conservatories and garden rooms, our winning formula comprises the best in design solutions, high quality PVCu profiles, glazing, thermal performance, security and sustainability.

Our fully guaranteed products offer high performance solutions through energy-efficient design and glazing options that keep your home warm. In addition, to keep your home secure, high level security features are included as standard to give complete peace of mind.

Alongside first-class service and customer satisfaction, you'll also find a commitment to energy saving and the environment at Formula One that we're rightly proud of and constantly looking to develop as we all strive to find ways to have positive effects on our planet.

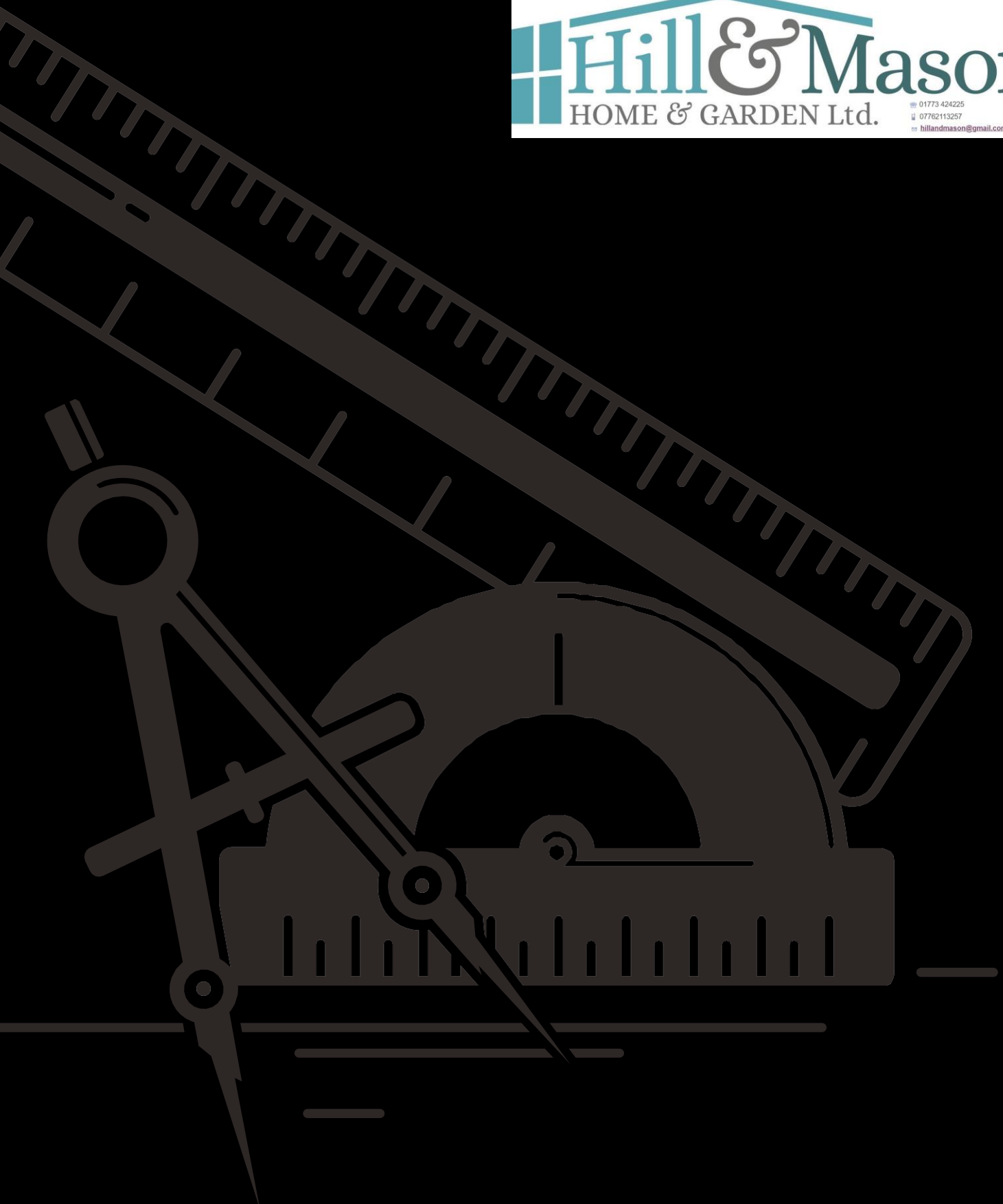


BS 7412/PAS24  
Licence No. KM569436  
BS 7412  
Licence No. KM569232

ISO 9001  
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BS 7412/PAS24  
Licence No. KM 569233



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# TECHNICAL EXCELLENCE

THE FORMULA ONE RANGE