



K & M Trade Windows LTD



HOME LIVING

THE FORMULA ONE RANGE

HOME LIVING CONTENTS

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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.



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

ISO 9001
Licence No. FM513636
BS 7412/PAS24
Licence No. KM 56923



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 and handles. See the following pages for more details:

- **CASEMENT**
PAGES 6-7
- **FLUSH SASH**
PAGES 8-9
- **TILT & TURN**
PAGES 10-11
- **SASH HORN / BAY / SHAPED**
PAGES 12-13
- **DESIGN OPTIONS & ACCESSORIES**
PAGES 14-15

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:

f 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.

f All our windows can be manufactured to BS7412/ PAS24, the specification for PVC-U extruded profiles with heat welded corner joints.

f At the heart of the Formula One range is its energy efficiency credentials, achieving an 'A' grade energy rating with ease.

f 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 and tested in accordance with BS EN 1026 & BS EN 1027 weather performance. Independently acoustically tested in accordance with BS EN 20140 10, ISO 140-10.

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.

7. KEEPS
Police preferred specification Secured By Design and exceed the requirements BS EN 1670.

8. EXTERIOR PROFILE
High performance PVCu conforming to BS EN 12608.

9. INTERIOR PROFILE
Internally beaded, high performance PVCu conforming to BS EN 12608.

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 KeyFeatures:

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



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:

- f 'A' energy rating as standard
- f Contemporary 70mm profile depth
- f Available in a choice of coloured foil finishes including realistic wooden and aluminium-look finishes
- f Flush fitting appearance to exterior of frames
- f Wide range of glass designs
- f 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:

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



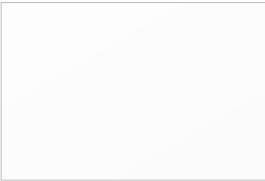
DESIGN OPTIONS & ACCESSORIES

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. Other colours may be available so please ask to discuss colour options when looking to order your windows.

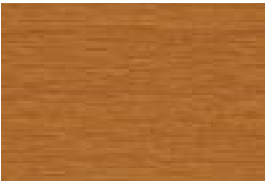
Standard Colours




White



Rosewood



Golden Oak



Palisander

Woodec Colours



Turner Oak Malt



Sheffield Oak Concrete



Sheffield Oak Alpine



Matt Black

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



Oak Special



Mahogany



Dark Oak



Oregon Ill



Walnut



Walnut Terra



Walnut Amaretto



Cream



Dark Green



Dark Red



Grey



Anthracite Grey



Steel Blue



Agate Grey



Green



White Woodgrain



Brilliant Blue



Birch



Anthracite Grey Sanded



Grey Sanded



Basalt Grey Sanded



Aluminium Brushed



Irish Oak




Chartwell Green


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.







White




Black



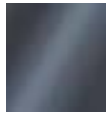
Gold




Bronze



Chrome



Anthracite



Graphite




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.



A-Rated Double Glazing (Standard) - 28mm




A+ Rated Triple Glazing - 36mm




A++ Rated Triple Glazing - 40mm

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.




Autumn




Taffeta




Sycamore




Stippolyte




Minster




Mayflower



Laurel




Florielle




Flemish



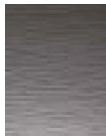
Digital




Cotswold



Contour



Charcoal



Chantilly

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 and handles. See the following pages for more details:

■ ENTRANCE DOORS

COMPOSITE
PVCU PANEL
& STABLE DOORS
PAGES 18-19

■ LIFESTYLE DOORS

BI-FOLD DOORS
PAGES 18-19

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 your home to the garden outside:

f 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.

f All our doors can be manufactured to BS7412/PAS24, the specification for PVC-U extruded profiles with heat welded corner joints.

f 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 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. LOCKS

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.

6. KEEPS

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

COMPOSITE / PVCU PANEL / STABLE DOORS

A COLLECTION OF ENTRANCE DOORS TO SUIT EVERYTASTE
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 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 DOORS

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.



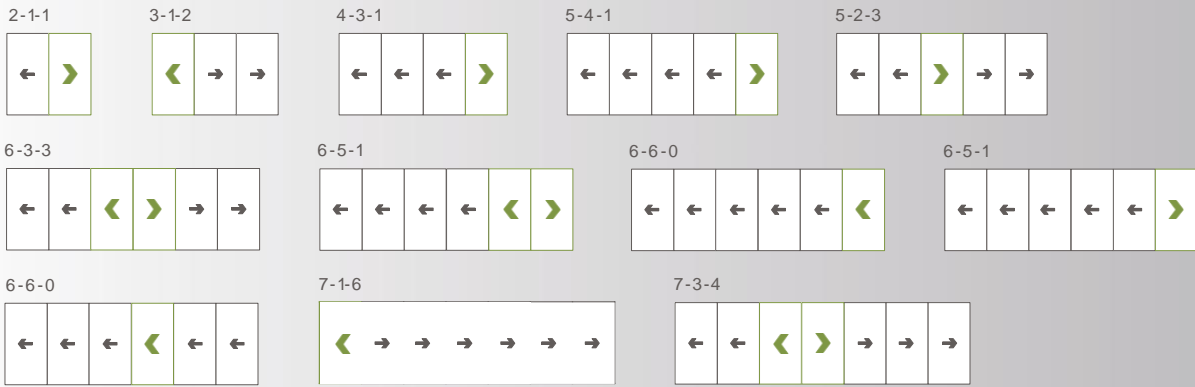
Overview and Key Features:

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

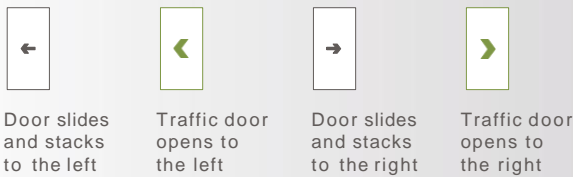


Formula One Bi-fold configurations

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



KEY



OTHER OPTIONS AVAILABLE

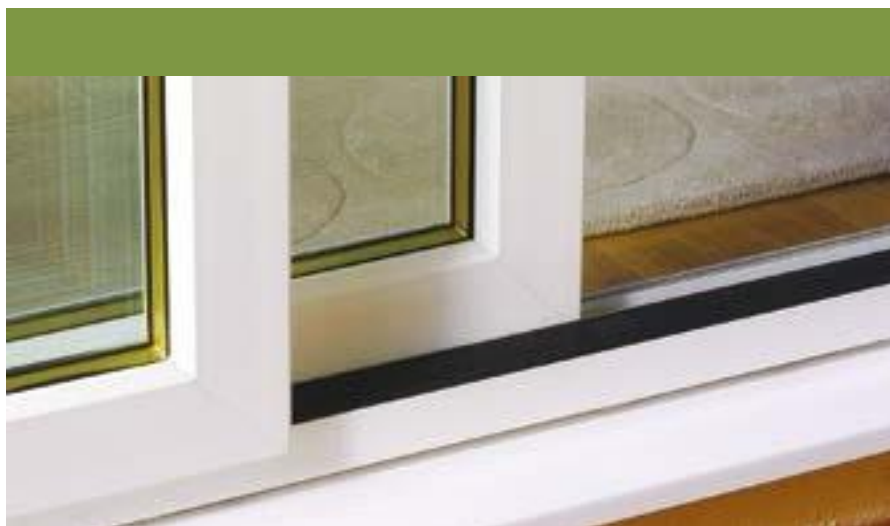


SLIDING PATIO DOORS

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:

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



FRENCH DOORS

CLASSIC CONTINENTAL ELEGANCE
FOR ANY HOME

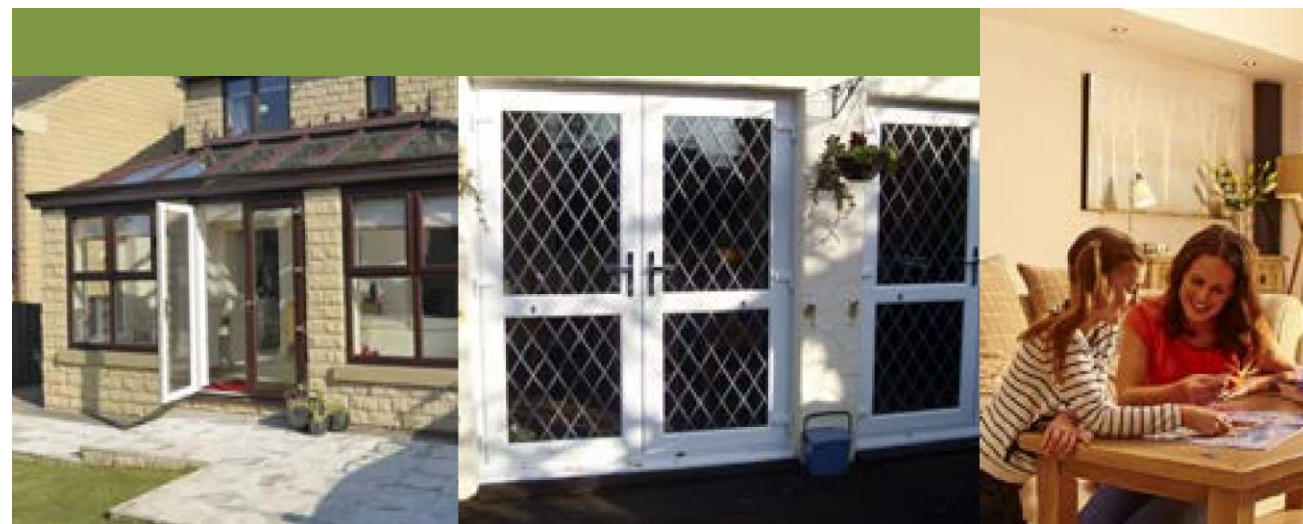
The ideal choice for affordable easy access to the garden, terrace or balcony, Formula One French doors maximise light and add continental elegance to any home.

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:

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

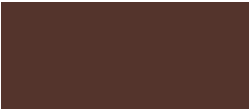
NOTE: Colours shown here are for illustrative purposes only and may not be wholly accurate / representative of the final product so please ensure you ask to see a colour swatch before making a final decision.

Bi-fold doors

Standard Colours



Hipca White - 9910HG



Chocolate Brown - 8017M

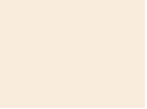


Anthracite Grey - 7016M

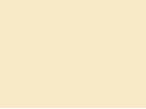


Deep Black - 9005M


Popular RAL colours



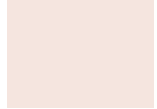
1013M




1015M




7044M




9001M




7034M




1019M




6021M




7032M



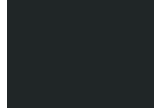
3005M



9010M



6003M



7021M


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



White




Black




Chrome

Sliding patio doors


Standard Colours




Rosewood




Light Oak




Black Brown



Anthracite Grey



Cream



White

Special foils



Pebble Grey



Sage Smooth



Claystone



Anthracite Grey Smooth

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.



Key / Key



Blank / Blank



Blank / Key



Security Handle



White



Black



Chrome



Graphite



Polished Gold



Anthracite

French doors

Standard Colours



White



Rosewood



Golden Oak



Palisander

Special order colours and foil finishes



Oak Special



Mahogany



Dark Oak



Oregon Ill



Walnut



Walnut Terra



Walnut Amaretto



Cream



Dark Green



Dark Red



Grey



Anthracite Grey



Steel Blue



Agate Grey



Green



White Woodgrain



Brilliant Blue



Birch



Anthracite Grey Sanded



Grey Sanded



Basalt Grey Sanded



Aluminium Brushed




Irish Oak




Chartwell Green

Handles


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




Door Handle - Chrome




White




Black



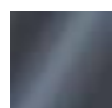
Gold




Bronze




Chrome



Anthracite



Graphite



Antique black

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.





K & M Trade Windows LTD

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, door 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.

