

# Doors

The classic style of a fully sculptured profile



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# The beauty of Consort *fs* goes far beyond its striking good looks

Incorporating all the best features of PVCu, the Consort *fs* integrated system is the latest generation 70mm lead-free profile, combining the best of style and performance. Proving that beauty can be more than just skin deep, this innovative profile, which has the highest attainable BSI Class 'A' specification, combines strength and value for money with a truly elegant sculptured appearance, following the lines of many timber designs.

Available in a full range of sizes, all with totally integrated system features, the Consort *fs* range will revolutionise the way you think about windows and doors.

This brochure features our comprehensive range of domestic door products. A fantastic range of choice and styles from traditional front and back doors to ultra-wide bi-fold doors to let your garden become part of your living area.

- » Environmentally friendly lead-free 70mm profiles
- » Internally glazed for extra security and ease of unit replacement
- » BSI Class 'A' specification profiles (highest attainable)
- » Secured by Design. POLICE PREFERRED SPECIFICATION\*
- » Made to BSI specification
- » Available in a vast array of coloured foils and woodgrains, as well as all white
- » Any painted colour in the RAL colour range available

\*Subject to specification.



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## French doors

### *Fully Sculptured Profile*

- » Alternative sizes of outer frame and transom/mullion available
- » Slimline profile
- » 70mm front-to-back multi-chambered profiles
- » Locking mechanism – Master: two hooks, two rollers, two shoot bolts, latch and deadbolt; Slave: handle operated, two shoot bolts
- » Available inward or outward opening
- » Available internally beaded
- » Available in all white, rosewood and oak in standard lead time.  
Available in other foils with extended lead time



## Single PVCu residential doors

### *Fully Sculptured Profile*

- » Secured by Design – POLICE PREFERRED SPECIFICATION if requested
- » Alternative sizes of outer frame and transom/mullion available
- » Ideal in both domestic and commercial applications, including sheltered housing
- » Available in single or double, sidelights and fanlight combinations
- » 70mm front-to-back multi-chambered profiles
- » Available inward or outward opening
- » Available internally beaded
- » Available in white, Chartwell green, black, grey, cream, rosewood, oak, Irish oak and foiled white in standard lead time. Available in other foils with extended lead time



# Magnum composite doors

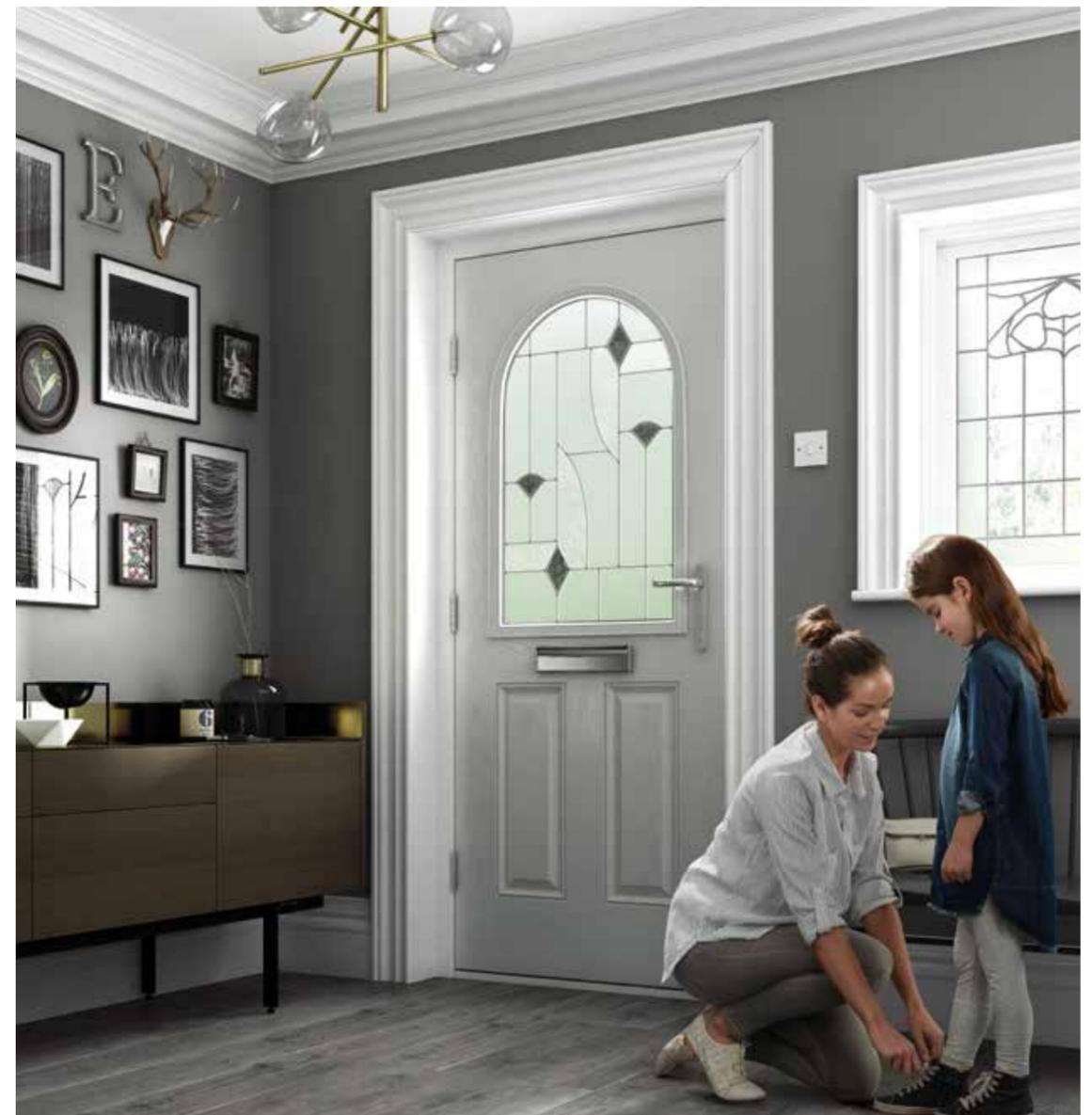
## Fully Sculptured Profile

- » Secured by Design – POLICE PREFERRED SPECIFICATION if requested
- » Unique fully adjustable hinges rebated into door for discreet and perfect fit
- » Low threshold – severe weather rated and for easy access
- » Maintenance-free – just wipe clean and never needs painting
- » Solid CFC-free foam core – exceptional strength giving six times the insulation and soundproofing of a standard timber or PVCu door
- » Traditional wood appearance – will enhance any new or traditional home
- » Solid door or glazed – plain, obscure, decorative bevelled or coloured glass options available\*
- » Available in a vast array of colours and woodgrains
- » Accessories – stainless steel door handles, knockers and letterboxes available in gold and silver to compliment your door

\* For the complete range of door styles, colours and decorative glass designs, please refer to our Magnum Composite Door brochure.



For the complete range, please refer to our Magnum Composite Door brochure



## 70mm composite doors

*Double rebated*

- » Door leaf and frame manufactured in the UK to the highest quality under ISO 9001
- » Triple glazing as standard – for better heat retention and noise reduction
- » Over 50% thicker than a standard composite door
- » Galvanised steel reinforcement
- » Improved thermal and acoustic insulation thanks to double compression seals
- » Doors come fully framed and glazed, with hardware
- » Available in a vast array of colours



## Stable doors

*Fully Sculptured Profile*

- » 'Traditional' stable door in PVCu
- » Top and bottom sections both lock
- » Available inward or outward opening
- » Low threshold
- » Multipoint locking system
- » Low-maintenance
- » Available in a vast array of coloured foils and woodgrains as well as all white



Image shown is a composite stable door. For more details please refer to our Magnum Composite Door brochure.



## Bi-fold doors

### *Fully Sculptured Profile*

Blurring the lines between where the home ends and the garden begins, our range of bi-fold doors creates a versatile new living space that fills your home with a unique sense of light and space. In summer cast them wide open to let the fresh air in, and in winter seal them tight and cosy up in the warmth without losing your stunning view.

Bi-fold doors are a stunning alternative to french or patio doors and can be installed so that the doors sit inside or outside of the property when folded back. Engineered with such precision, they glide smoothly back and forth with only the lightest of touch. Secured when closed by our extremely advanced multi-locking system.

Of course, as well as being a beautiful way to bridge the gap between your home and garden, they can also be used to separate rooms within your home, creating a truly unique and adaptable space.



- » Secured by Design – POLICE PREFERRED SPECIFICATION\*
- » British Standard PAS 24 multi-locking system
- » Highest DSER 'A' energy efficiency rating
- » Sixteen door style configurations
- » Sash width of up to 1 metre
- » Up to 6 metres wide
- » Three thresholds available: standard, low and ultra-low for interior use
- » Fully adjustable hinges
- » Reversible guide wheels
- » Huge range of colours and woodgrains available

\* Subject to specification.



## WarmCore® folding sliding doors

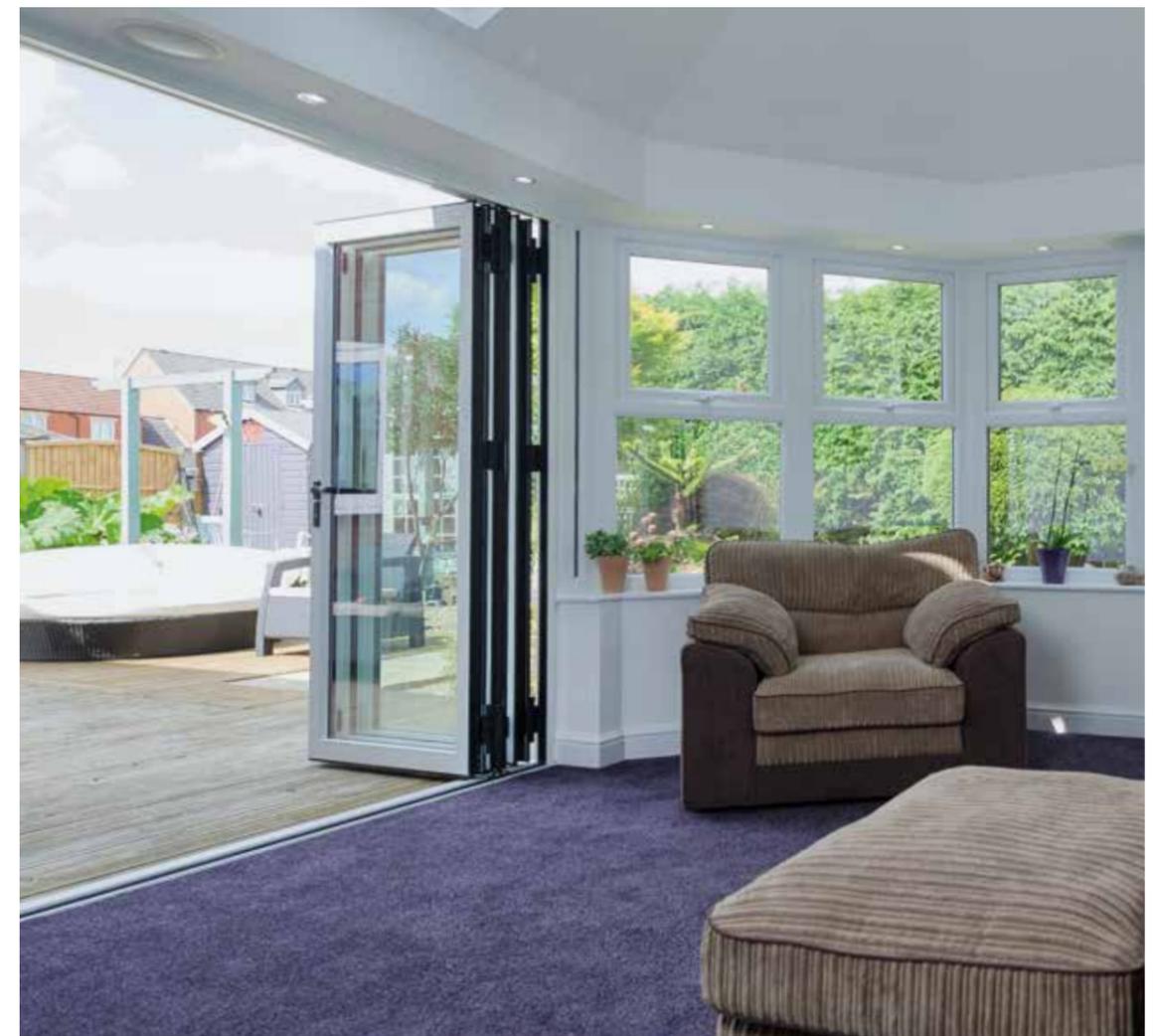
*Enjoy flexible living*

The flexibility of a WarmCore folding sliding door helps your home become a space that works for you. Open and airy on beautiful summer days, warm and insulating in the colder months. Integrating outside living with interiors whilst enhancing both.

Safe and secure, WarmCore aluminium doors are built around a full width orange thermal core to maximise the use of low conductive material. This ensures they are 25% more efficient at keeping heat in your home than traditional aluminium doors, with no compromise on strength or style.

Inwards or outwards opening up to 6 metres wide with as many as seven opening sashes smoothly gliding along custom designed tracks. The innovative design allows you to split the door sashes in whichever way suits your home, including having a 'traffic' door at one end for everyday use. When open all sashes stack neatly in line with each other and are kept perfectly parallel using discreet magnets. Open ends of the door sashes, hidden from view when closed, are coloured black for a neat uniform appearance.

WarmCore – warm, stylish, wide span doors for the flexibility of modern living.



- » Full-length 5 point locking system
- » Three opposed hook locks and twin shoot bolts
- » Integral dog bolts to bind doors together when closed
- » High-strength hinges and rollers
- » Secured by Design – POLICE PREFERRED SPECIFICATION when fitted with optional laminate glass upgrade
- » Certified PAS 24 – enhanced security performance
- » Four external door sash designs
- » Four threshold options
- » Easy Clean glass technology available to reduce maintenance
- » Optional triple glazing – 75% better thermal performance
- » Available in four hard-wearing powder coat finishes, pure white, heritage cream, jet black and anthracite grey
- » Choice of different interior and exterior colour options
- » Three handle finishes – matt black, brushed graphite or satin silver



## Patio doors

### Fully Sculptured Profile

Today the modern family home is all about open plan, with living, dining and kitchen spaces all merging into one.

Sliding patio doors that open onto the garden create indoor / outdoor living at its best. When closed you maximise an uninterrupted view of the outside world, while staying warm and cosy. When open you let the summer in as you seamlessly increase your living space as home and garden become one.

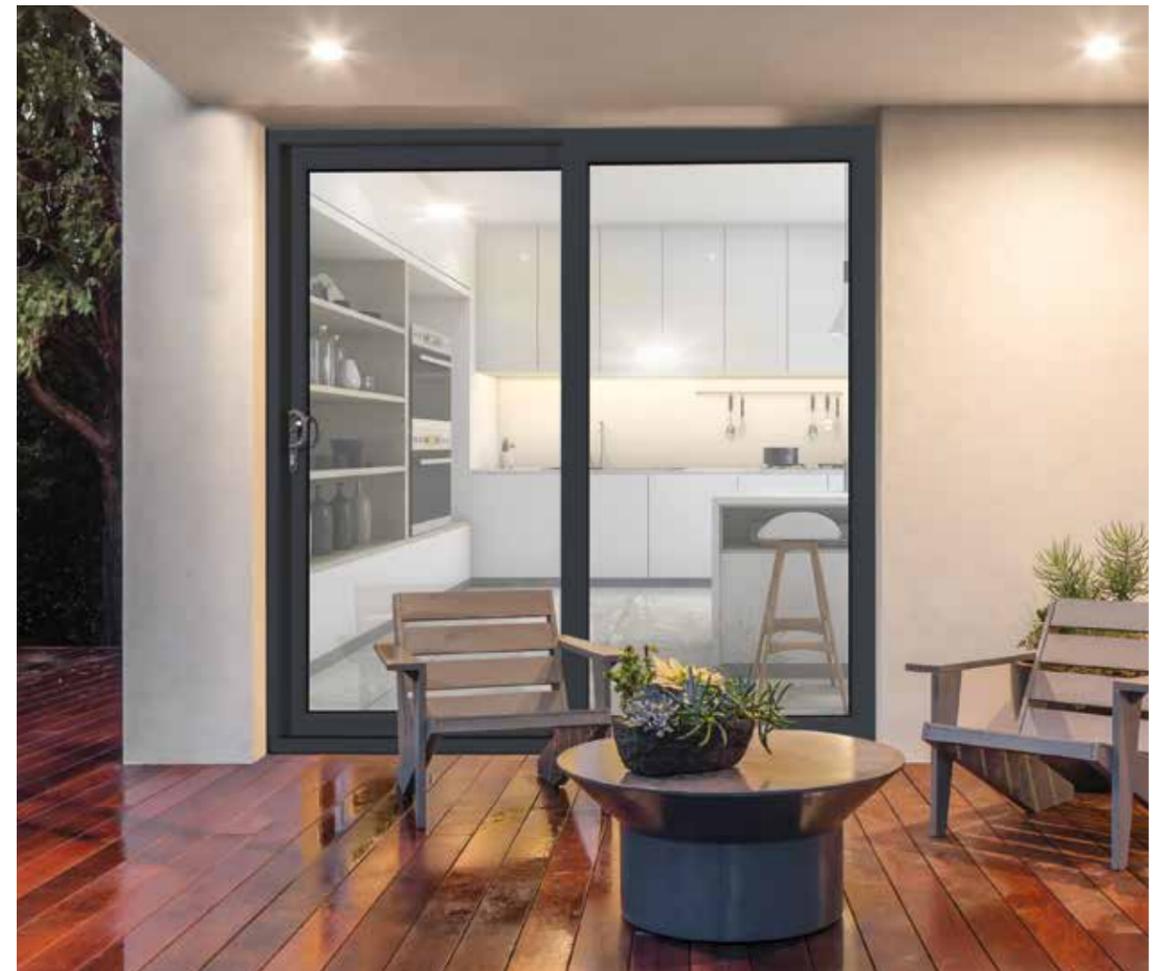
- » Sculptured or chamfered bead
- » Extra durability for weathering
- » Stainless steel wheels ensure a smooth operation, moving with minimal effort
- » High security
- » Large units easily achieved
- » Outer frames can be welded or mechanically jointed
- » Low threshold option available
- » A wide range of colour options available



## Tilt & slide patio doors

### Fully Sculptured Profile

- » Alternative sizes of outer frame available
- » An ideal door for many different types of installation from high-rise blocks to domestic houses
- » Available in a full range of styles and sizes including combinations of fixed and opening lights
- » Features include the ventilation benefits while in the tilt position
- » 70mm front-to-back multi-chambered profiles
- » Available in a vast array of coloured foils and woodgrains as well as all white



## Colour options

*Introduce a whole new dimension*

A whole new dimension has now been added to the already sleek and truly elegant appearance of the Consort range of doors... COLOUR! So why not add something a little different and bring colour back to your home.

- » Externally – a slightly textured, coloured foil giving the effect of painted wood
- » Internally – clean white profile
- » Available in a vast array of colours and woodgrains
- » Also available in all white, oak and rosewood effect, which can be specified both internally and externally

And if that wasn't enough choice, using state-of-the-art paint technology, you can choose from a vast range of flat colours, from subtle greys and greens to deep blues, bright reds and even black and metallics. In fact, any colour within the RAL colour range.

Virtually fade-free, with a 10-year adhesion guarantee, this highly durable finish will not crack, flake or peel as it retains sufficient flexibility to move with the material to which it is applied. Thoroughly tested throughout Europe for over 10 years, this advanced, UV-stable colour system has proven resistance to all weather conditions, including salt water.

### Standard colours



### Made to order colours



## Hardware range

*Add something a little different*

Hardware may be the last thing fitted, but it's the part we most frequently touch and the aspect by which we judge overall quality.

You need to be confident that all handles, locks and hinges meet agreed standards for safety, reliability and quality besides complementing the overall look and design of your new doors.



### Mila SupaSecure™ door handle

- » Anti-grip chamfered backplate shoulders provide mole-grip resistance
- » Concealed steel reinforcement provides anti-jemmy resistance
- » Anti-drill rotating disc shields the cylinder from attack, preventing a drill bit from penetrating the cylinder
- » Anti-snap integrated cylinder guard encasing the cylinder as added protection
- » Backplate features an integrated spring mechanism to ensure lever returns consistently to 90° avoiding any 'handle sag'
- » Durability and corrosion-resistance tested to BS EN 1906: grade 4
- » Secured by Design accredited, SBD logo etched onto external backplate as a visual deterrent
- » BSI 2 Star Kitemark accredited
- » Available in white, black, gold, silver and brushed silver



### Mila Supa™ door handle

- » Backplate features an integrated spring mechanism to ensure lever returns consistently to 90° avoiding any 'handle sag'
- » Durability and corrosion-resistance tested
- » Available in white, black, gold, silver and brushed silver

## Mila letterplates

- » Colour-matched frame and flap manufactured from zinc
- » Concealed flap-operating mechanism – patented design
- » Internal and external thumb access for ease of use
- » Both external and internal flaps open to 180° when fully open without over-stressing
- » Independently tested to 50,000 cycles for operational reliability
- » Independently salt spray tested to 240 hours for plated finishes and 480 hours for powder coated finishes for corrosion-resistance
- » Available in white, black, gold, silver and brushed silver



## Mila knockers

- » Designed to compliment the features of any external door
- » Available in contemporary and traditional styles with or without spyholes
- » Salt spray tested to 240 hours for plated finishes and 480 hours for painted finishes
- » Available in white, black, gold, silver and brushed silver

## Mila escutcheons

- » Manufactured from 304 stainless steel, suitable for coastal regions and areas of high pollution
- » Suitable for use with all euro cylinders
- » Salt spray tested to 480 hours for proven weather-resistance
- » Available in three suited finishes



## ULTION

### Ultion security cylinder

When Ultion detects an attack it activates Lockdown Mode. A hidden firing pin in Ultion's core secures the central cam and stops the intruder being able to open the door.

As well as being approved by the Police and achieving the highest Kitemark star rating, Ultion is tested by locksmiths with the Master Locksmith Association and is accredited with their highest standard, Sold Secure Diamond. Most security locks have only five or six pins; Ultion uses eleven. This means that Ultion creates nearly three times the amount of key combinations required for the highest standard. Both ends of every Ultion lock feature twenty hardened steel pins and plates, each one positioned precisely to protect your lock from a drill attack.



## Fuhr door gearing

MultiSafe multi-point door locks are renowned for their ease of use, reliability and durability. Profile specific keeps ensure secure fastening to the outer frame.

Lever action is a very simple means of operating a door lock. When the door is unlocked by the cylinder, depress the lever to release all locking points. On closing, lift the lever to engage the main locking points then turn the key in the profile cylinder to throw the central deadbolt and to deadlock all other locking points.

Where security is a greater concern on main residential doors, the Secured by Design accredited FUHR 856 Type 3, with two hook bolts and two roller cams is recommended.

**FUHR**



## Nico hinge

The Nico 3D adjustable door hinge has been developed for long life performance. Featuring low-friction bearings for smooth door opening, it offers reliable maintenance-free operation. It is fully adjustable in three directions and the patented design allows the hinge to remain fixed to the door during adjustment.

The Open Out variant has a special security feature which makes it ideal for use when the hinge roll is outside the door. The hinge is able to carry 80kg on two or three hinges.



## SFS hinge (70mm composite door)

The Dynamic 2D hinge offers a traditional look and complete adjustability, with a high security and strong technical performance and reliability without compromising on aesthetics.

These hinges are robust enough to meet and exceed British Standard PAS 24 throughout the lifetime of the door and hold a 'Secured by Design' license. Available in six standard colours.

**SFS**



## Accreditations

British Standards information



BS 7412/PAS 24  
WINDOWS  
KM 61727



BS 7412  
KM 33686



BS 7950  
KM 61727



BS 7412/PAS 24  
DOORS  
KM 85377



BS 8529/PAS 24  
DOORS  
KM 597995



FM 29754

### BS 7412: 2007 / PAS 24: 2016 – Enhanced security performance requirements for window assemblies

Matrix 70 Fully Sculptured PVCu Window System.

Casement Windows. Tilt/Turn Windows. Vertical Slider PVCu System.

Kitemark™ Certificate No. KM 61727

### BS 7412 – Plastic windows made from PVCu extruded hollow profiles

Matrix 70 Fully Sculptured PVCu Window System.

Casement Windows. Tilt/Turn Windows. Vertical Slider PVCu System.

Kitemark™ Certificate No. KM 33686

### BS 7950 – PVCu windows enhanced security

Kitemark™ Certificate No. KM 61727

### BS 7412: 2007 / PAS 24: 2016 – Enhanced security performance requirements for door assemblies

Matrix 70 PVCu Residential Door System. Consort French Door.

Imagine Bi-Folding Door System, fabricated and installed in accordance with the latest issue of the Veka UK Group Imagine Bi-Folding Door System technical manual.

Kitemark™ Certificate No. KM 85377

### BS 8529: 2010 / PAS 24: 2016 – Enhanced security performance requirements for composite door assemblies

Composite Residential Doors.

Kitemark™ Certificate No. KM 597995

### BS EN ISO 9001 – Quality Management System

Certificate No. FM 29754

## Secured by Design

Police preferred specification



### Secured by Design – Licence holder

Secured by Design (SBD) is the national police crime prevention initiative that works with all UK police forces to design out crime.

SBD is a police initiative that improves the security of buildings and their immediate surroundings to provide safe places to live, work, shop and visit.

If you require Secured by Design please specify at the point of order.

### French doors (double)

- » Fully reinforced
- » All outer frames available
- » All thresholds available
- » Security glazing clips
- » Security handles
- » Security cylinder
- » Toughened laminate glass (inside where possible)
- » MDF reinforced panel

### Single PVCu residential doors

- » Fully reinforced
- » All outer frames available
- » All thresholds available
- » Security glazing clips
- » Security handles
- » Security cylinder
- » Toughened laminate glass (inside where possible) including side panels
- » MDF reinforced panel
- » Security chain
- » Spyhole if the glass is obscure or no glass at all
- » Letter plate with cowl

### Composite doors

- » All thresholds available
- » Security handles
- » Security cylinder
- » Toughened laminate glass (inside where possible)
- » Security chain
- » Spyhole if the glass is obscure or no glass at all
- » Letter plate with cowl

### Bi-fold doors

- » Security glazing clips
- » Toughened laminate glass (inside where possible)

