

OUR DOORS

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TECHNICAL INFORMATION

Technical information



FIVE EASY STEPS



CHOOSE YOUR





CHOOSE YOUR





CHOOSE YOUR DOOR & FRAME COLOUR











NOT ALL DOORS ARE MADE EQUAL

Our composite doors combine the latest innovations, to keep your home warm and secure, whatever the weather. Emulating the natural beauty of wood with an energy efficient warm core technology and high security multi-point locking system, our composite doors are and elegant addition to any home.

Manufactured to the British Standards Institute kitemark accreditation for Quality Management, BSI9001, they're also built to last.





Multi-point locking

High security steel hooks fully penetrate the door frame keeps, which help to prevent the door sash and frame from being forced apart. A steel deadbolt delivers maximum strength to the centre of the door.

3* cylinder fitted as standard.

1 The appearance of natural timber but without the maintenance

Composite doors emulate the natural appearance of a traditional timber door but without the associated maintenance. They won't warp or expand and don't require painting. A tough and durable timber-grain effect thermoset GRP skin, will stand up to the knocks bangs and scrapes that family life throws at it!

2 Insulated thermally efficient core

Our doors are manufactured from a thermally efficient and tough high density polyurethane foam core. This has been specially developed to significantly reduce the transfer of heat, making our doors



almost 20 per cent better at keeping the warmth inside your home and your energy costs lower, than a traditional solid timber door.

Sound insulation

The polyurethane core offers great sound insulation, reducing outdoor noise by an average of 31dB.

4 Colour choice

Choose from seven standard -colour finishes or a choice of 36 bespoke colour options, making the colour choice for your home as individual as you are.



5 Weathertight

The insulated core is protected from water and moisture ingress by a high performance polymer skin. This is specially constructed to prevent the delamination which can effect lesser quality doors, quaranteeing performance



for years to come. Strong stainless steel door hinges and robust gaskets ensure that the door makes the perfect seal against the frame. Our doors are also fully tested to all relevant British Standards.

6 Energy efficient glazing

Our doors feature the latest in energy efficient double and triple-glazed glass technology to keep your home warmer. Manufactured to the British Standard BS1 EN1279, this includes a full choice of glass types and styles from privacy glass to



coloured, crystal and leaded finishes, which means you can design the perfect door for your home.

Secured by Design handles and hardware

Our doors are manufactured to the highest security standards, featuring police approved Secured by Design multi-point locking mechanisms, keeps and handles as



standard. They're anti-lift, anti-drill and anti-pick, meeting and exceeding all current building standards including PAS24:2016, because your security and that of your home and family, matters.

8 Mobility

All of our doors come with an optional mobility low threshold, ideal for wheelchair use or with pushchairs. Our hinges also open past 90 degrees for optimal access.

Ooor furniture

Define your
style with a
choice of handles,
letter-plates, door
knockers and spy
holes available in satin,
white, gold, chrome and black finishes



10 Hinges

High spec hinges with traditional and improved aesthetics without any compromise to the user friendly mechanics or security performance. Our hinges also open past 90 degrees for optimal access.



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With one home in England and Wales broken into every seven seconds – the majority by forcing or kicking a door – your front or back door is at the 'frontline' in the battle to protect your home from intruders.

All of our doors are supplied to a Secured By Design standard - as standard.

PEACE OF MIND **BUILT IN**

This means that they meet not only the requirements for door security set out in PAS24:2016 and Part Q of Building Regulations but have been independently tested as doing so, as defined by the police approved Secured by Design scheme

Setting the standard for door security

Our doors have been independently tested against the following type of assault

- Manual attack on the locking hardware with tools including screwdrivers, chisels and mole grips
- •Three minute attacks on the door cylinder using a range of tools including craft knifes and screw drivers
- •Three minute manual attacks using chisels and brick bolsters
- Hard-body impact testing of the leaf, hinge and locking points using a 50kg steel impactor.





to prevent the door sash and frame from being forced apart. A steel deadbolt delivers maximum strength to the centre of the door. 3* cylinder fitted as standard.





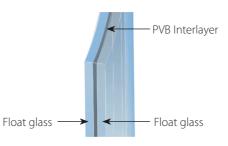
High security door cylinder

Anti-bump, anti-drill, anti-pick and anti-snap Kitemarked cylinder lock barrels fitted as standard.



Reinforcement and thickening of door frame

The use of reinforcements and local thickening of the door frame provide a stronger fix and improved hardware retention and screw through-pull, locking the sash and frame firmly together..



Laminated glass units

Internally glazed 4mm toughened laminated glass double or triple-glazed energy efficient units provide increased resistance to attack.



Robust hinges

Supplied as standard, stainless steel hinges provide resistance to resistance testing with 50kg steel impactor.





10 YEAR GUARANTEE

OVER 20 YEARS

- Strength from its construction
- High impact resistant door skins
- Stability, whatever the weather conditions
- A full 10-Year Guarantee

PEACE OF MIND BUILT IN









EMS 566160





OHS 566161



ISO 9001-2008

FM 12731





*1 year guarantee on standard gold and chrome hardware







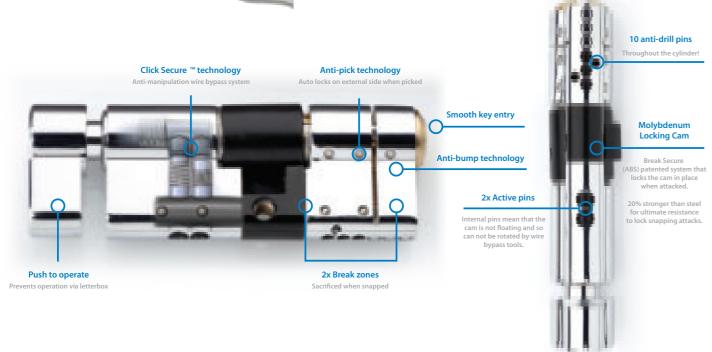
3 keys as standard

SECURITY LOCKED IN... INTRUDERS LOCKED OUT.

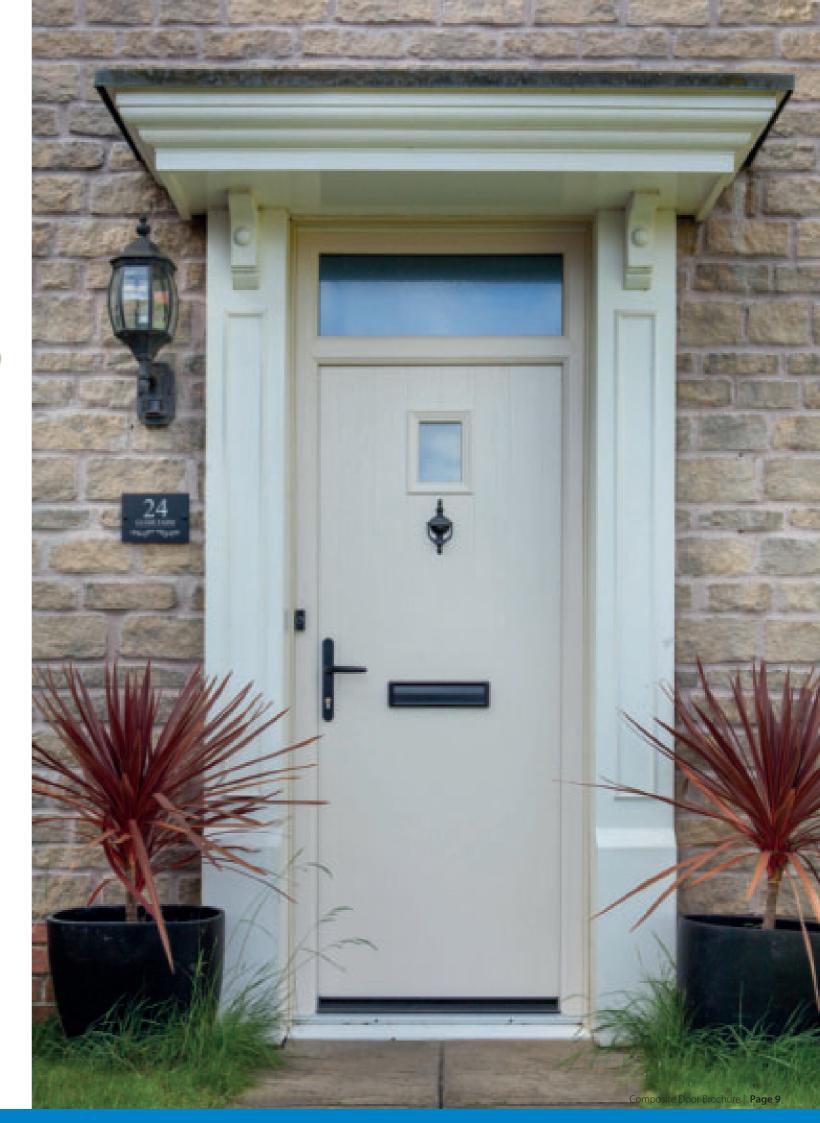
Our Thumbturn features the unique patented Click Secure™ operation. Specially designed to beat the wire bypass entry threat associated with standard







- SS312 Sold Secure Diamond Grade
- 3 Star British Kitemark TS007:2014 (KM 586153)
- Secured by Design Accredited (Police preferred specification)
- Patented Snap Secure Technology
- Pick, Drill & Bump Resistant
- Dual colour polished Chrome/Brass or Matt Brass options
- 6 Trap Pins for advance pick resistance
- 10 Anti-drill pins
- Unique "Click Secure" thumbturn design
- Double, and thumbturn formats available
- Three keys per cylinder
- Keyed alike key/key pairs are available ex stock
- Master keying on request



Almost all white goods that we buy come with a colour coded and alphabetical energy rating running from A to G, with 'A' indicating the highest level of energy efficiency.

Well, it's exactly the same for doors and windows.

UNDERSTANDING DOOR ENERGY EFFICIENCY

The exact energy efficiency of your new door will depend on a number of different factors including the style of door you choose and glass but all feature our warm core foam technology.

This maximises the thermal efficiency of your new composite door, making it up to almost 20 per cent more energy efficient than a traditional solid timber door.





1 Foam core

High Density polyurethane foam core provides an insulating thermal barrier between warm air inside the home and cold air outside



3 High performance door gasket

High performance door gasket and adjustable door hinges deliver a firm and consistent compression between the door frame and sash, stopping draughts.



2 Thermally efficient door frame

Multi-chamber thermally efficient

composite door frame

4 Threshold

Weather proof threshold and brushes reduce the flow of air under the door







CHOOSING YOUR DOOR

Your choice of door defines the individual character of your property.

Choose the perfect complement for your home from our refined collection of energy efficient and beautifully crafted doors.

From the elegant understatement of a traditional design or stylish contemporary statement door, you can build the perfect match for your property.

This includes a choice of finish from a carefully chosen palette of colour options, sophisticated glass designs and as a final touch, combining function and form, our range of high quality door furniture.



Choose your door style from one of 10 elegant traditional and stylish contemporary designs



STEP TWO

Choose your side light if required



3 STEP THREE

Select a colour option from one of seven standard colour finishes or a choice of 36 bespoke colour options



STEP FOUR

Choose a glass design



5 STEP FIVE

Pick your favourite options from our high quality range of door furniture







KENSWORTH & BURCOT ARCH

Simple and understated, making these the perfect choice as either a front or back door. Half-glazed, it allows light into your home but balances this with a solid bottom panel. It's available in either square or arched glazed options.



Style: Burcot Arch EL02
Colour: Black
Glass: Kara Zinc
Hardware: Chrome



Style: Burcot Arch EL02
Colour: Blue
Glass: Scotia Zinc
Hardware: Chrome



Style: Burcot Arch EL02
Colour: Green
Glass: Andorra Zinc
Hardware: Gold



Style: Kensworth EL01
Colour: Red
Glass: Clear
Hardware: White lever pad



Style: Burcot Arch EL02
Colour: Rosewood
Glass: Scotia Zinc
Hardware: Gold



Style: Kensworth EL01
Colour: White
Glass: Stippolyte
Hardware: Black



BURCOT HALF GLAZED

Defined by a large top light, the Burcot half glazed offers flexibility and choice with multiple design options. Half-glazed, the large top light sits above two panel lights bringing a focal point to your hallway, also letting plenty of light inside.



Style: Burcot half glazed EC01
Colour: Black
Glass: Kara Zinc
Hardware: Chrome



Style: Burcot half glazed EC01
Colour: Blue
Glass: Scotia Zinc
Hardware: Chrome lever pad



Style: Burcot half glazed EC01
Colour: Green
Glass: Andorra Zinc
Hardware: White



Style: Burcot half glazed EC01
Colour: Red
Glass: Kara Zinc
Hardware: Satin



Style: Burcot half glazed EC01
Colour: Rosewood
Glass: Scotia Zinc
Hardware: Gold



Style: Burcot half glazed EC01
Colour: White
Glass: Andorra Zinc
Hardware: Black lever pad



Style: Burcot top arch EC02
Colour: Black
Glass: Kara Zinc
Hardware: Gold



Style: Burcot top arch EC02
Colour: Blue
Glass: Scotia Zinc
Hardware: Chrome lever pad



Style: Burcot top arch EC02
Colour: Green
Glass: Andorra Zinc
Hardware: Chrome



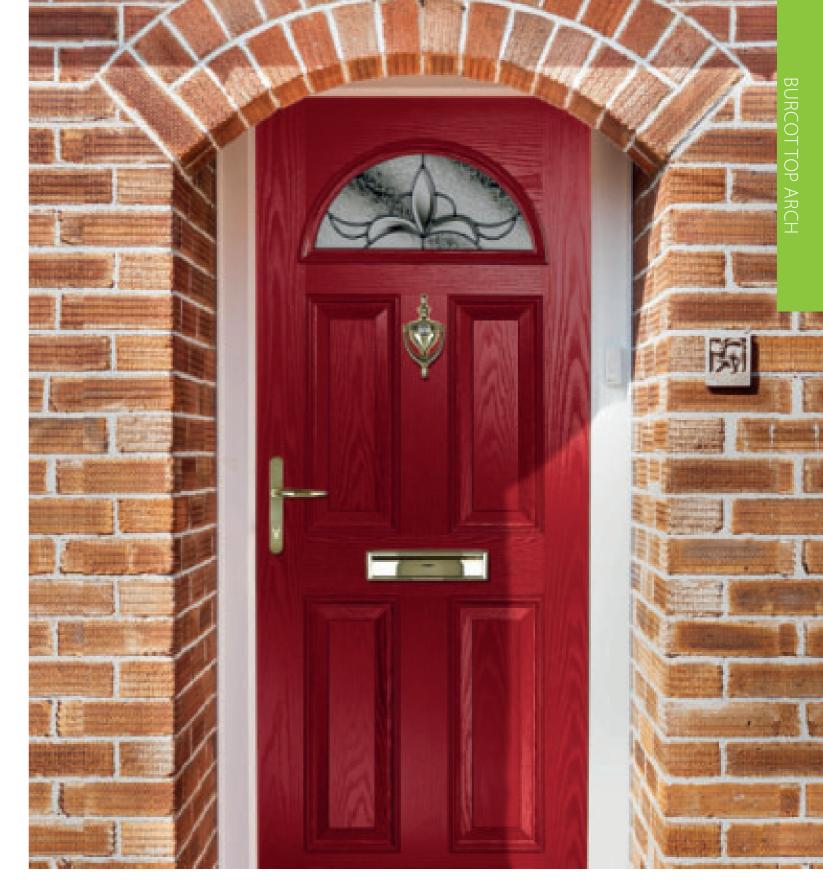
Style: Burcot top arch EC02
Colour: Red
Glass: Kara Zinc
Hardware: Black lever pad



Style: Burcot top arch EC02
Colour: Rosewood
Glass: Scotia Zinc
Hardware: Gold



Style: Burcot top arch EC02
Colour: White
Glass: Andorra Zinc
Hardware: Satin lever pad



BURCOT TOP ARCH

This door has real gravitas. Featuring an arched top light only, the Burcot top arch delivers substance and security. Emulating Regency styling, it's the perfect option for new or period properties

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Style: Stanbridge Half Glazed ES02
Colour: Black
Glass: Kara Zinc
Hardware: Gold



Style: Stanbridge Half Glazed ES02
Colour: Blue
Glass: Scotia Zinc
Hardware: White



Style: Stanbridge Half Glazed ES02
Colour: Green
Glass: Kara Zinc
Hardware: Chrome



Style: Stanbridge Half Glazed ES02
Colour: Red
Glass: Scotia Zinc
Hardware: Black



Style: Stanbridge Half Glazed ES02
Colour: Rosewood
Glass: Kara Zinc
Hardware: Gold



Style: Stanbridge Half Glazed ES02
Colour: White
Glass: Scotia Zinc
Hardware: Chrome



STANBRIDGE HALF GLAZED

The classic front door, Stanbridge half glazed exudes taste and sophistication. Equally suited to modern or period properties, it offers a sympathetic match to traditional Victorian and Edwardian doors. It has a reassuring substantial feel, while letting plenty of light into your home.



MARSWORTH CLASSICAL

A traditional six panel design gives the Marsworth classical interest and detail, while solid or top-light only options give you a strong sense of privacy and security.



Style: Marsworth classical CL02
Colour: Red Violet
Glass: Andorra
Hardware: Chrome



Style: Marsworth classical CL02
Colour: Duck Egg
Glass: Sierra
Hardware: White



Style: Marsworth classical CL02
Colour: Signal Violet
Glass: Lunna
Hardware: Gold



Style: Marsworth classical CL02
Colour: Pastel Violet
Glass: Kara Blue
Hardware: Satin lever pad



Style: Marsworth classical CL02
Colour: Azure Blue
Glass: Savana
Hardware: Gold



Style: Marsworth classical CL02
Colour: Dahlia Yellow
Glass: Edwardian
Hardware: Black lever pad



Style: Marsworth half glazed CL03
Colour: Chartwell
Glass: Scotia Zinc
Hardware: White



Style: Marsworth half glazed CL03
Colour: Traffic Grey A
Glass: Sierra
Hardware: Chrome lever pad



Style: Marsworth half glazed CL03
Colour: Pastel Blue
Glass: Lunna
Hardware: Black lever pad



Style: Marsworth half glazed CL03
Colour: Silk Grey
Glass: Kara Red
Hardware: Satin lever pad



Style: Marsworth half glazed CL03
Colour: Sable
Glass: Trieste

Hardware: Gold



Style: Marsworth half glazed CL03
Colour: Turquoise Blue
Glass: Valentia
Hardware: Gold



MARSWORTH HALF GLAZED

Featuring the same timeless design as the Marsworth classical door, replacing solid panels with glass in the top four panels, the Marsworth Half-Glazed is a light and airy option but one which still benefits from traditional styling.

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STABLE DOORS

Our stable doors make a classic addition to any rural home but are suitable for use in a far wider range of properties, as a back door. Combined with our range of heritage colours, they bring a touch of period charm to your property.



FLEXIBILITY

Featuring the independent operation of the bottom and top door leaf, Stable Doors deliver added flexibility, allowing you to open the top half of the door while keeping the bottom half closed keeping pets or small children safely inside.

SOLID CONSTRUCTION

Our cottage door is custom made, featuring a rigid sub-frame, which runs right around both the top and bottom frames. This gives it far greater strength than doors which have been adapted from other ranges, also making it more secure while a specially designed rebate and rain protectors deliver superb weather tightness.

DEDICATED HARDWARE

The same custom approach has also been applied to hardware. All hinges and locking mechanisms have gone through rigorous suitability testing. This includes the specially designed rack bolt which joins and locks the top and bottom half of the door into place. It also features easy to operate internal thumb-turn locking mechanisms and features a secure multi-point locking system.







SOULBURY

Defined by a single light, Soulbury offers a highly flexible and secure door design equally suited to country cottages as it is to urban mews houses and contemporary developments.



Style: Soulbury Top RE04
Colour: Black
Glass: Kara Zinc
Hardware: Chrome



Style: Soulbury Top RE04
Colour: Blue
Glass: Kara Grey
Hardware: Chrome lever pad



Style: Soulbury Top RE04
Colour: Green
Glass: Kara Red
Hardware: Black lever pad



Style: Soulbury Top RE04
Colour: Red
Glass: Andorra Zinc
Hardware: Satin lever pad



Style: Soulbury Top RE04
Colour: Rosewood
Glass: Scotia Brass
Hardware: Gold



Style: Soulbury Top RE04
Colour: White
Glass: Kara Zinc
Hardware: Gold

With its clean crisp sightlines, flush finish and bold glazing options Woburn is a true statement door. Evoking the glamour of the art deco period, its sophisticated styling is carried through to a dedicated contemporary hardware range.

CONTEMPORARY DOORS

DOOR LIGHT AND GLASS OPTIONS

Woburn provides a canvas for your creativity. It's your choice of door light design and the glass that you decide to put in it, that really brings this stylish and contemporary door to life.

Door light design options include minimalist single centre or off-centre designs, through to repeating 'stacked' designs. A choice of cool curves or stunning diamond bursts lights are also available.

Shape the character of your door further with your choice of glass, from simple privacy glass to more detailed designs.

HARDWARE OPTIONS

In addition to our standard ranges, Woburn comes with a dedicated range of pull handles. Available in three different sizes, handles feature a contemporary satin stainless steel finish, the refined design providing the all-important finishing touch to the design of your door.





Thumbturn Cylinder

With our Unique "Click Secure" thumbturn design our thumbturn euro cylinder provides a simple method of opening and closing the door from the inside without a key, and allows for a quick and safe exit in the event of a fire.





Woburn CO8 Scotia



Woburn CO9L Odessa



Woburn CO7L Woburn CO7R

Breeze



Trieste



Woburn C16L

Scotia



Andorra



Kara

40

Woburn C17L



Contora

+

+

Woburn C17C

Kara Green



Canvas

Woburn C17R

Andorra Zinc







Style: Woburn C09C Colour: **Traffic Green** Glass: Palma Hardware: Handles stainless steel, letterplate & door knocker chrome



Style: Woburn C09C Colour: **Honey Beige** Glass: Lunna Hardware: Handles stainless steel, letterplate & door knocker chrome



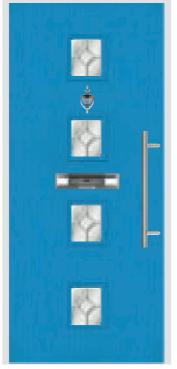
Style: Woburn C09C Colour: Mouse Grey Glass: Sierra Hardware: Handles stainless steel, letterplate & door



Style: Woburn C09C Colour: Light Grey Glass: Trieste Hardware: Handles stainless steel, letterplate & door knocker chrome



Style: Woburn C09C Colour: Traffic Grey A Kara Green Glass: Hardware: Handles stainless steel, letterplate & door knocker chrome



Style: Woburn C09C Colour: Sky Blue Glass: Andorra Zinc Hardware: Handles stainless steel, letterplate & door knocker chrome

Glacier



SIDELIGHTS – MAKING MORE OF AN ENTRANCE

Sidelights make more of the entrance to your home. Stanbridge Half Glazed and Marsworth half glazed doors also come with matching side lights. We also offer PVC-U frame side screens which can be manufactured to your individual design.



Style: Kensworth with SP01 sidelight

Colour: White
Glass: Stippolyte
Hardware: Chrome



Style: **Burcot Arch with SP02 sidelight**

Colour: White Glass: Andorra

Hardware: Chrome lever pad



Style: Stanbridge Half Glazed with 2xSP03 sidelights

Colour: White Glass: Scotia Hardware: Gold

Other shapes are available, in PVC-U, see the back page pull out section

COLOUR OPTIONS

Open the door to colour

When it comes to your choice of colour there are no hard and fast rules. With our wide choice of standard and bespoke colour and finish options, from the classic black door to heritage Duck Egg or Pastel Turquoise, you'll find the perfect colour match for your home.

Standard colours







Bespoke colours





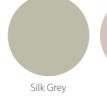


Anthracite Grey

Traffic Grey A Mouse Grey



Cream



























































FRAMING YOUR DOOR

The classic design of a white door frame against a solid door colour provides contrast, showing off your door but you can also choose subtle combinations, which will connect your door to the fabric of your home that surrounds it.

Choose from standard white, light oak or rosewood finishes or your individual colour choice.

You can also choose to have a colour finish on the outside and white inside, or any combination of colours inside and out.





GLASS OPTIONS

CHOOSE THE PERFECT DESIGN FOR YOUR HOME

The decorative touch that defines your door, our wide range of glass options offer you the perfect choice from the simplicity of privacy glass to the detailed, beautiful and intricate Traffic Grey A work and crystal of Andorra. All come as triple glazed as standard.

Whatever your preference, all of our doors are internally glazed, while glass units achieve top ratings for energy efficiency, keeping your home safe, warm and welcoming.

Classic colour







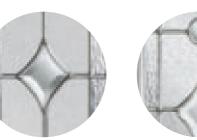


Secured by Design



Triple glazed, Secured By Design glass as standard.

Premium Colour







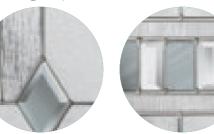
Classic





Scotia Zinc





Savana









OBSCURE GLASS OPTIONS

PRIVACY FOR YOUR HOME

With a wide choice of designs, our range of etched glass adds a touch of style, Kensworth and privacy to your home.





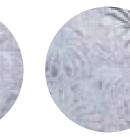
Contora™



Florielle™

Digital™

Minster™





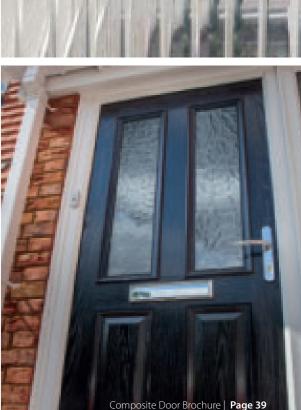






Warwick™













Chantilly™





HANDLES, HARDWARE & DOOR FURNITURE

Your door handle is the part of your new door that you'll touch each and every day. Your letter plate, choice of knocker, all come together to put the all-important finishing touches to your new door.

Whether you're designing a contemporary, bold, statement door, or recreating the timeless charm of a period installation, we can offer you the perfect choice of lever, pad lever, heritage or contemporary pull handles available in white, gold, chrome black and satin finishes.



We also offer a Long Lever easier to grip Handle (3rd column above) which offers a greater, smooth action and low operating forces required to operate handle. The ample lever-to-door surface clearance option, are Compliant with Document M of the The Disability Discrimination Act (DDA), which states that the door handle needs to be able to be operated one handled without tightly grasping or any twist on the wrist.

Stainless steel options are available, for ultimate corrosion resistance which come with a 10 year guarantee, 1st column above.

Appearance and finish on hardware is subject to change.





Kensworth



EL01 EL02 EL05 EL06



ES01 ES02 ES03 ES04

Stanbridge



EC01 EC02 EC04 EC05 EC06

Soulbury



Burcot



Standard colours



Bespoke colours

3

CHOOSE YOUR DOOR & FRAME COLOUR











Marsworth





Woburn

Woburn Contemporary-Only available flush grained doors.



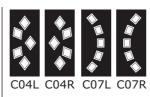












Woburn















Turquoise Blue

Light Grey



Traffic Grey A



Mouse Grey



Ultramarine Blue

Anthracite Grey



Black Grey

Azure Blue



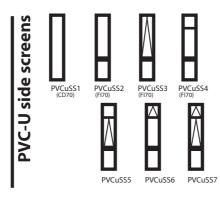




composite side screens

















































Classic



Scotia Zinc, these are available in Brass

Scotia Brass



Andorra

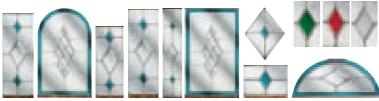


Palma



Valentia

Classic colour



Kara Blue, also available in Green, Red & Grey

Autograph



Monza



Savana

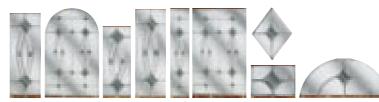


Sierra

Prestige



Aspen

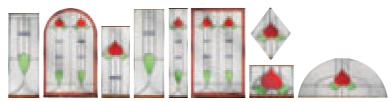


Lunna



Trieste

Premium colour

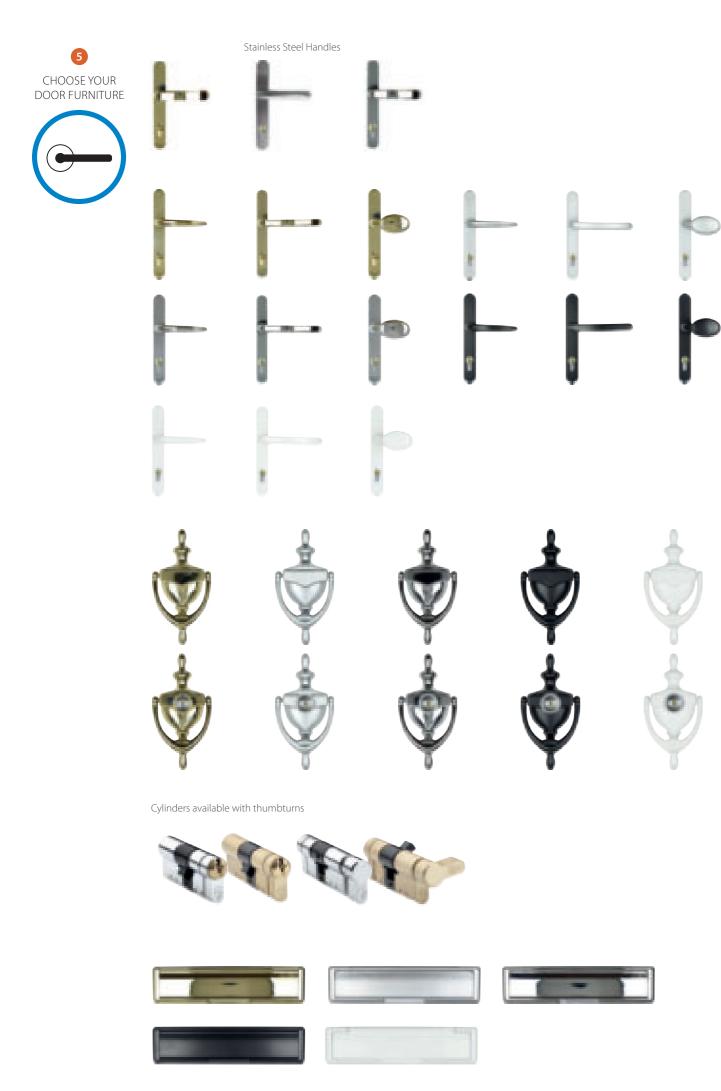


Edwardian

All bevels shown are clear, all door styles are available with fully clear or obscure glass options

Contemporary Glass









TECHNICAL INFORMATION

CONSTRUCTION

DOOR PANEL

FRAMES

RELEVANT UK STANDARDS

10-YEAR GUARANTEEOn both the door and hardware

