



WIN-DOR

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### www.windor.co.uk

# WIN-DOR

## Welcome to the **Win-Dor Composite Door Collection**



Pg 2	Contents	Pg 22-23	Cottage Collection
Pg 3	About Us	Pg 24-25	Memphis Collection
Pg 4-5	York	Pg 26-27	Memphis Collection
Pg 6-7	Buckingham	Pg 28-29	Memphis Collection
Pg 8-9	Evesham	Pg 30-31	Stable & Double Door
Pg 10-11	Evesham	Pg 32-33	Fire Doors
Pg 12-13	Beaulieu	Pg 34	Manufacture
Pg 14-15	Lymington	Pg 35	Assembly
Pg 16-17	Gloucester	Pg 36	Features
Pg 18-19	Cheltenham	Pg 37	Specification
Pg 20-21	Kendal	Pg 38-39	Hardware/Accessories

All door frames are white both sides as standard and the images within this brochure are shown only as a visual impression of what can be attained. Coloured frames and non standard door colours are available at an extra cost, please see sales person for more information.

2

## **About Us**

available in the U.K. and Europe.





With industry accreditation a necessary part of shaping a professional and quality conscious company, Win-Dor have over the years gained almost every accreditation available, and in many cases we have led the way.

As a result our technical experience is unparalleled and Astraseal's longevity is assured through continued investment in plant, machinery, innovation and valued staff. Astraseal will continue to service our clients long into the future.

#### Set The Trend

The retail market for coloured frames has increased massively in the last two years as installers successfully promote the concept of maintenance free, coloured PVC and composite products to replace timber and as an alternative to white PVC frames.

#### **Stand Out From The Crowd**

There are more than 150 RAL colour options available in the Astraseal paint range and customers can choose a coloured exterior or interior if required or even a different coloured sash and frame.











York

Multi point locks meet maximum British security standards, with the extra option of solid or split spindle to suit your personal preference.

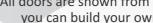
York Duck Egg Blue shown with Islington Glass

York Cream shown with DIA 4BK (top) & DIA 5BK (mids) Clear

Our 'PRI 4CHG' and 'PRI 5CHG' decorative glazing options have colour bevels that match the modern Chartwell Green shade of the composite door itself.







York Green shown with ELI 4G (top) & ELI 5G (mid) Glass

All doors are shown from an exterior view. For more glass options you can build your own door online at www.windor.co.uk.





The York door is a mixture of designs derived from the Buckingham and the Evesham. The door will enhance the entrance of a wide range of properties and will ensure natural light and interest.



NUMPEON SUN



Low maintenance doors with U values as low as 0.8 Wm<sup>2</sup>k offer unparalleled insulation with minimum upkeep.

Buckingham Red Shown With DA 4 Black Glass



Buckingham Black shown with ELI 4BK Glass



Buckingham Duck Egg Blue shown with Mayfair Glass

Each of our doors is manufactured using a GRP outer skin that is virtually maintenance free. All that is required is the occasional wipe with a damp cloth. Our composite doors are also fitted with multi point locking for total piece of mind for you and your family.

Our decorative glass options include the very latest technology innovations such as 'Dual Aspect' Triple Glazing as shown in our Mayfair and Belgravia models which have crystal clear bevel clusters.



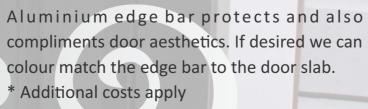
All doors are shown from an exterior view. For more glass options you can build your own door online at **www.windor.co.uk**.

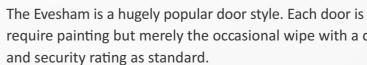












Evesham Duck Egg Blue Shown With DAG 3EX Glass

Evesham Rosewood shown with DIA 1BK Glass x 2



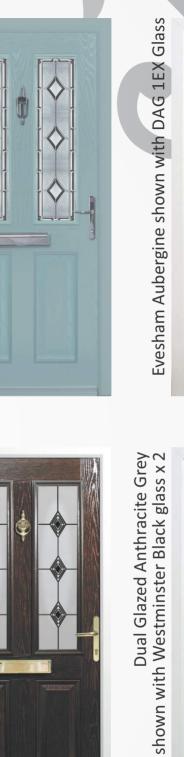




Evesham Black shown with ELI 1BK Glass

8

#### All doors are shown from an exterior view. For more glass options you can build your own door online at www.windor.co.uk.





The Evesham is a hugely popular door style. Each door is finished with a highly durable GRP outer skin that doesn't require painting but merely the occasional wipe with a damp cloth. All of our doors achieve a PAS 23/24 weather









We now have available a new range of luxury zinc triple glazing for our popular Evesham door. These stunning designs are available in both modern and traditional styles and feature sparkling crystal cut glass bevels with a variety of contrasting embossed backing textures.

#### All doors are shown from an exterior view. For more glass options you can build your own door online at www.windor.co.uk.



Beaulieu White shown with GEO 2G Glass

Chester Green shown with Indulgence Glass

Our Beaulieu door is also a popular back door option. Each door from our range is available in a variety of colours including popular Duck Egg Blue, Chartwell Green and Grey shades. Outer frames can also be perfectly matched, or even sprayed a completely different contrasting colour to meet your individual requirements.



**Beaulieu** 

The Beaulieu is often the choice when a decorative glass design is part of the prime consideration for a purchase due to the large glass area.

All doors are shown from an exterior view. For more glass options you can build your own door online at **www.windor.co.uk**.



All doors pass BSI tests in 100 mph wind tunnel and 2 litre per minute water hoses to achieve a PAS23/24 weather and security rating. All doors are shown from an exterior view. For more glass options you can build your own door online at **www.windor.co.uk**.

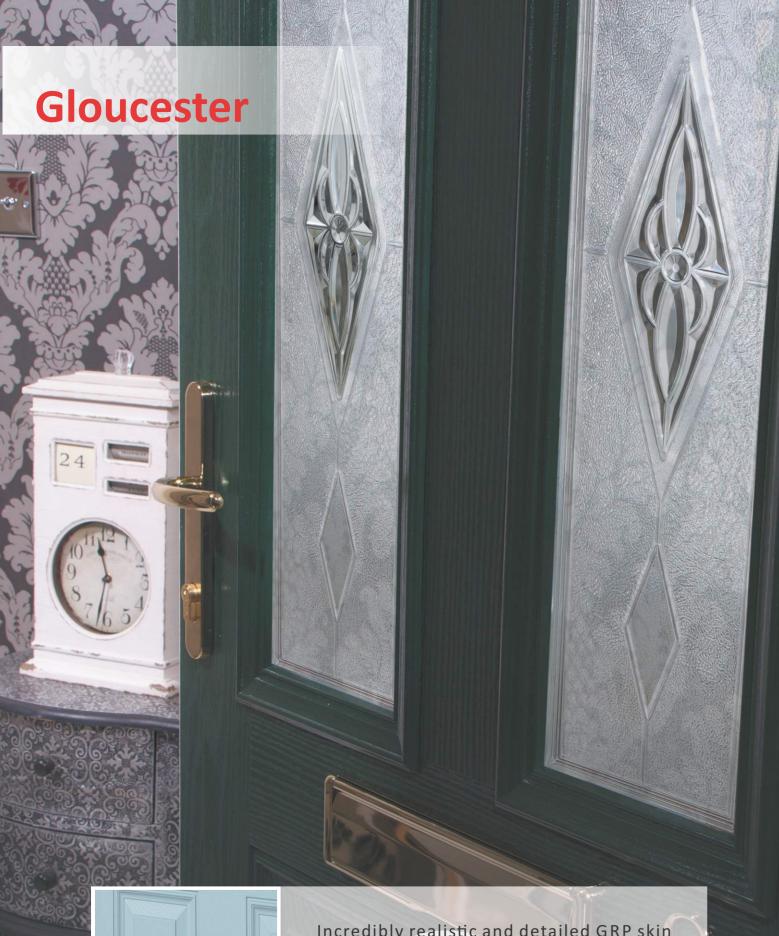


 $\Diamond$ 



Our Lymington door is a popular choice. This door offers a high performance insulated core that reduces unwanted external noise and a strong outer GRP skin that provides a secure barrier to your home. This door offers the solid appearance of a fixed panel door but with lots of glass and the promise of interest and colour from choices within the Astraseal decorative glass range.





Incredibly realistic and detailed GRP skin replicates an unparalleled likeness to real wood. This is achieved not only by the superior GRP material but also by the accuracy of the manufacturing process.

All doors are shown from an exterior view. For more glass options you can build your own door online at www.windor.co.uk.

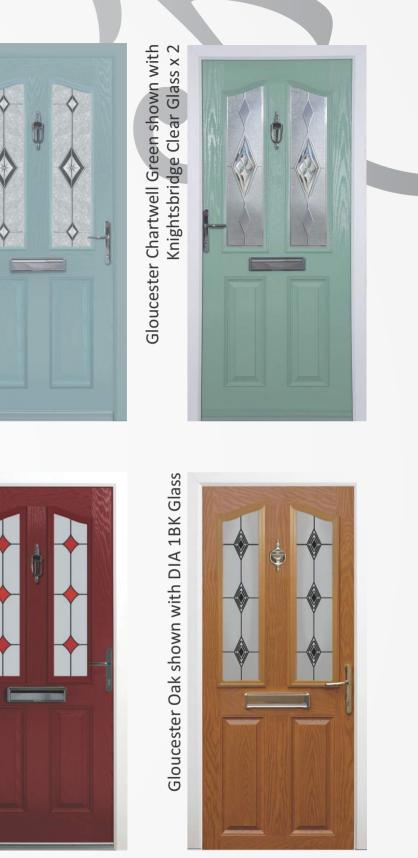


Gloucester Blue shown with

Westminster Blue Glass

Gloucester Red shown with TRA 1R Glass

Evesham style door we have created a new glazing cassette with distinctive sloping heads. This gives a contemporary and modern look to any home that is both fresh and stylish.



Every door we supply is extremely robust and designed to withstand the most extremes of weather conditions in the UK and Europe. Air tight seals and gaskets keep the rain and cold soundly outside. Based on our most popular



home that simple elegant and period look.

Cheltenham Blue shown with Knightsbridge Blue Glass

Cheltenham Red shown with Knightsbridge Red Glass

Cheltenham Chartwell Green shown with Knightsbridge Clear Glass





you can build your own door online at www.windor.co.uk.

Once again based on our most popular Evesham style we have added to our collection by creating a door which is characterised by two subtle arched heads. This will give your



Kendal Cream shown with Elipse Simplicity Glass x 2  $\Rightarrow$ 

Kendal Chartwell Green shown with FUS 7BK Glass x 2

Kendal Black shown with ELI 7BK (tops) X 2

The Kendal Door is again traditional in its style but smaller glass panels make for a door that offers greater levels of privacy. Very popular within our Capital the Kendal lends itself equally well to Town as Country properties.

20

#### All doors are shown from an exterior view. For more glass options you can build your own door online at www.windor.co.uk.





BSI tested against maximum impact security kitemarks. All doors come accredited with the new European CE mark as standard.

Oakham Duck Egg Blue Shown With PRI 5DEB glass

Lyndhurst Black

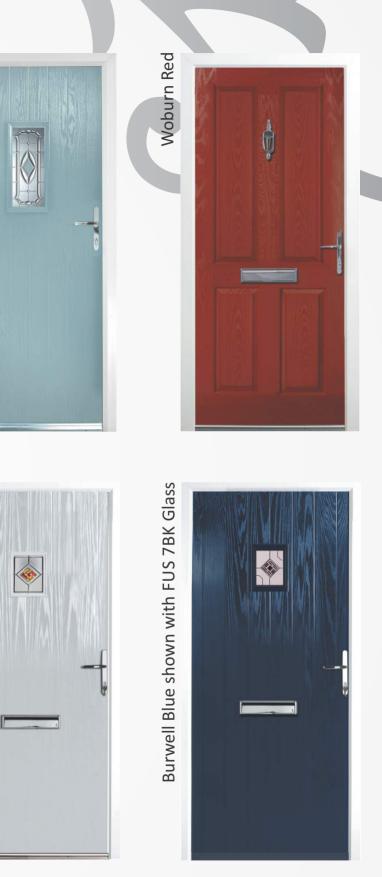


Burwell White shown with Westminster Red Glass

Our Cottage Collection is perfectly suited to period properties with it's distinct heritage style. Modern colour shades give a new and fresh twist on these popular classics. The three options available are predominantly solid in design with the availability of a diamond glazing cassette, to replicate the cottage look, or the rectangular cassette for more of a farm house appearance. Alternatively you can opt for a completely solid design. Also pictured above are our solid door options, Lyndhurst and Woburn.



#### All doors are shown from an exterior view. For more glass options you can build your own door online at www.windor.co.uk.





by a key wind mechanism.

and contemporary glass give a look of refinement and class. Our 'TRA' glass is only available with a satin backing glass.



Ettore Centre Chartwell Green shown with FUS 5BK Glass X 3

Mariscal Centre Red Shown With FUS 5BK (centre) & FUS 7BK (small tops)

Our Memphis Collection are the most modern looking doors available on the market today. Sleek moldings



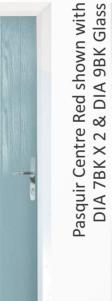
glass is made using the latest resin decorative

glass technology and the bullion is sealed

between two panes of toughened safety glass

for ease of cleaning.

All doors are shown from an exterior view. For more glass options you can build your own door online at **www.windor.co.uk**.



DIA 7BK X 2 & DIA 9BK Gla

Our Radice and Bedin doors feature cottage diamond glazing which looks equally as good on a modern home as it does on a traditional property. With the ever changing demand for individual door designs Astraseal's ability to bespoke manufacture all doors puts us one step ahead of the rest.





you can build your own door online at www.windor.co.uk.



Striking new designs so your home stands out from the rest and offers the most sophisticated look. With the ever growing demand for an individually designed door our Memphis Collection is a selection of the most modern

**Stable & Double Doors** 



Stable Doors can be either partially or fully opened which is perfect for the safety of small children or homeowners with pets. Double Door Evesham Chartwell Green shown with 4 x DAG 3EX Glass  $\Diamond$ Burwell Duck Egg Blue shown with Minster Glass



Double Doors are available for those wishing to create the grandest of entrances. Any of our doors can be made into a French door combination but our stable range is restricted to the cottage slab. The maximum width for a French door is 1900 mm and the minimum width is 1579 mm. (Memphis and Cottage collections can be made smaller. Please ask a sales person for advice if required).

All doors are shown from an exterior view. For more glass options you can build your own door online at **www.windor.co.uk**.

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Double Door Evesham Black shown with 4 x ELI 4BK Glass





### Sleep Safe.... Specify Win-Dor fire resistant PVC-u Composite 30 & 60 minute fire doors, windows and screens

With performance of all fire rated products so critical, Win-Dor has taken every step possible to ensure unsurpassed standards of manufacture which incorporate only the highest grade fire products available

No longer restricted by traditional fire rated materials and construction techniques, Win-Dor gives you the freedom to use PVCu or Composite fire resistant windows, doors and screens and still comply fully with 1992 Building Regulations for most protected areas, due to full certification to BS476 Parts 20 and 22. The Win-Dor fire products, a patented industry first, is based upon and has all of the design and security benefits of the Winkhaus Ecoframe<sup>™</sup> & REHAU S706 70mm profile. The system provides an array of design options for you to install throughout a building.

Win-Dor provides you with all the safety and security of traditional fire rated products, but with PVCu and composites added inherent benefits of:

- Improved thermal insulation
- Sound proofing
- Characteristic low maintenance
- Excellent security options
- Visually attractive door
- (no need for solid steel or unsightly timber option)
- Cost Effective Fire Safety Solution



#### **Applications:**

- Option of 3 frames specifically designed for 44mm wide composite door slabs. 70mm Ecoframe™, RAUFERNO<sup>™</sup>, ASTRAFD60
- These exclusively designed frames have been produced for use with UK 44mm Door slabs and has a positive location for Winkhaus Lock keeps which allows for fast and accurate installation.
- Rauferno & Ecoframe<sup>™</sup> can be coupled with PVCu frames for sidelights and can be used for fan lights.
- Slim sight line provides a pleasing visual appearance and at the same time provides an increased aperture width to aid wheel chair access.
- Compatible with aluminium low threshold systems.
- Ecoframe<sup>™</sup> has an aluminium white powder coated skin guaranteed colour fast.
- All frames and slabs can be sprayed in any RAL Colour.
- Patented designs.

#### **Technical Performance:**

- Specifically designed to benefit hardware location, security and assembly.
- Complete with special frame channel to accept Winkhaus multi-point lock keeps.
- Extremely resilient to impact, kicking, gouging, burglary attack.
- shopping bags, plastic bottles and aluminium cans.
- steel reinforcing and intumescent strip installed to each rebated section
- multiple intumescent strips
- operating forces.
- Very low thermal conductivity.
- UV stable.
- 10 Year guarantee against de-lamination.
- Wipe clean surface.

#### Testing:

- Tested non-toxic material.
- Tested ½ hour fire door rated.
- Tested non-toxic gases when burning.
- Tested in doorsets to comply with PAS23/24 security standard.

#### **Applications include:**

- Fire escape routes
- Entrance Halls
- Deck access flats
- Fixed panels next to doors
- Windows/doors between a house and integral garage
- Windows (close to other buildings)
- Fixed lights (and sidelights coupled to doors)
- Assessed to BS476 Pt22 (30 & 60 minutes)
- Warrington fire report Nos: 148957, 71058-SH, 102174, 327622, 315779 & 81844
- **FIRAS** accredited installer

#### **Door Selector:**

- FD30 30/30 Fire Rating Buckingham, Evesham, Kendal, Woburn, Lyndhurst and Beaulieu
- FD60 60/30 Fire Rating Lyndhurst only





The Ecoframe<sup>™</sup> outer frame is made from aluminium skins with recycled materials as the core (polypropylene, polyurethane, paper and aluminium). Typically these are re-cycled from plastic

The Rauferno outer frame is based upon the S706 uPVC composite door section and includes full

The ASTRAFD60 frame is manufactured out of timber hard wood with location channels to accept

Incorporates Aquamac 21<sup>™</sup> sheathed foam weatherseal for high weather performance and low

Ecoframes<sup>™</sup> mechanically jointed system can be repaired and individual frame members replaced.







### Manufacture



What could be better? Everything under one roof and all manufactured by one company.

The door sashes are processed on the Astraseal composite door line to ensure a perfect fit into the Rehau S706 70mm profile.

As we CNC our own door slab we have the capability of cuttng the glazing cassettes into any position for a completely bespoke front door. See images below for examples.

If you cannot find a particular design of door or have seen a design in another brochure, don't worry, we can make any style of door, please ask a sales person for more information.

- 5-10 Day turnaround
- 10 Year guarantee

Bespoke doors & glass available
Secure by design

NB: If you have not seen a glass design that you like we may be able to manufacture a design especially for you. See sales staff for information or visit www.http://www.windor.co.uk.

In the same way that you will never get two pieces of wood with the same grain or colour, the same applies to our wood grained effect GRP slabs and PVCu outer frames. As the two materials have completely different manufacturing processes you may find a slight difference in colour or grain between them. If you have any queries please ask a sales person for more information or see images below for examples.

ANY DOOR AVAILABLE Seen a door or a glass design not featured in our brochure?



We can make it! Please ask a sales person for further information.



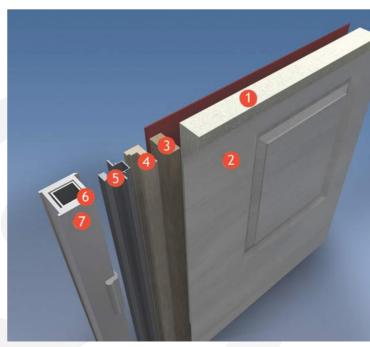
Win-Dor composite doors are constructed using GRP skins which give defined panel relief detail and replicate a timber door appearance.

Combined with the high density core the door will provide excellent sound and heat insulation with very low expansion or contraction characteristics.

To ensure a finish that will impress even the most discerning customer, Astraseal fit an aluminium cloaking profile to both the lock and hinge sides. This adds strength and an ideal location for the Winkhaus 2 claw STV2 Cobra mechanism.

The door can be manufactured to accept alternative lock gearing systems if required.

All of the most popular glass designs have been incorporated into this brochure however there are more available to view or downloads from our website **www.astraseal.com/downloads** 



1	1.	High density core for insulation and strength.
 ,	2.	GRP outer skin for minimal contraction and expansion with unparalleled detail of finish.
:	3.	Inner subframe adds strength and prevents warping or bending.
5	4.	Outer composite sub-frame ensures weather fastness and contributes to strength.
2	5.	Aluminum edge detail allows for adjustments if required and houses locks and hinges, protecting door skin from impact.
	6.	Market leading Rehau 70mm outer frames.

7. Full galvanised steel reinforcing for strength and rigidity.



### **Features**

GRP is an incredibly versatile material which combines immensely lightweight properties with inherent strength to provide a weather resistant finish, with a variety of surface texture and an unlimited colour range available.

GRP was developed in the UK during the Second World War as a replacement for the moulded plywood used in aircraft radomes (GRP being transparent to microwaves). Its first main civilian



application was for building of boats, where it gained acceptance in the 1950s. Its use has broadened to the automotive and sport equipment sectors as well as our doors.

GRP uses also include hot tubs, pipes for drinking water and sewers, office plant display containers and flat roof systems. PAS23/24 is the British

standard for enhanced security performance for door assemblies. In order to achieve PAS23/24 certification a door set must pass vigorous security and performance tests.

This criteria must be achieved so that the door can be certified with the Secured by Design Standard. Win-Dor Composite doors exceed and pass PAS23/24 and Secured by Design with standard specification.

	SPECIFICATIONS						
Skin	Glass Reinforced Plastic (GRP)						
Inner Core	Injecting polyurethane foam within the leaf aperture						
Sub Frame	Non timber stiles and rails and LVL timber reinforcing to the inner side of the sub-frame						
Slab Edging	Colour coded aluminium edge protector and location plate						
Locking Mech	Winkhaus STV2 Secured By Design						
Outer Frame	Dedicated 70mm chamfered composite door outerframe						
Threshold	uPVC 72mm or Low Aluminium part 'M' compliant						
Glazing Cassette	Glazed units are to be secured with a clip toghether, internal de-glazable ASA glazing cassette system. External screw fix or metal clip fix systems will not be acceptable.						
Reinforcing	Galvanised steel reinforcement						
Handles	Lever/Lever, Lever/Pad, Bar or Knob						
Hinges	3 no. adjustable 100mm butt hinges						
Cylinder	35/35 5 pin Euro cylinder with anti-bump, anti snap						
Guarantee	10 year guarantee for colour and finish and 30 year guarantee against delaminating, bowing warping and twisting						
Security	Tested to the latest requirements of PAS 023:1999 and PAS 024:2007. Secured By Design						

**Door Options** 

Below you can see the available options and limitations of each individual door we have available, although our standard colour options are limited internally and externally, for an additional fee we can be spoke spray each door to any RAL colour you desire, please see a sales person for availability.

SLAB	DESIGN	Min/Max W (inc. frame & cill)	Min/Max H (inc. frame & cill)			5	STD C	οιου	R OP1	rions					FD30	FD60	RAL SPRAY OPTION
6 Panel	Lyndhurst	842 / 1013	2002 / 2112	EXT	Wht	Blu	Red	Grn	Blk	Rwd	Oak	CGr	Crm	Gry	YES	YES	YES
				INT	Wht												
	Lymington	842 / 1013	2002 / 2112	EXT	Wht	Blu	Red	Grn	Blk	Rwd	Oak	CGr	Crm	Gry	NO	NO	YES
				INT	Wht												
	Kendal	837 / 1018	2017 / 2127	EXT	Wht	Blu	Red	Grn	Blk	Rwd	Oak	CGr	Crm	Gry	YES	NO	YES
				INT	Wht												
4 Panel Wobur	Woburn	842 / 1013	2002 / 2112	EXT	Wht	Blu	Red	Grn	Blk	Rwd	Oak	CGr	Crm	Gry	YES	NO	YES
				INT	Wht					Rwd	Oak						
	Evesham	842 / 1013	2002 / 2112	EXT	Wht	Blu	Red	Grn	Blk	Rwd	Oak	CGr	Crm	Gry	YES	NO	YES
				INT	Wht					Rwd	Oak						
	Cheltenham	842 / 1013	2002 / 2112	EXT	Wht	Blu	Red	Grn	Blk	Rwd	Oak	CGr	Crm	Gry	NO	NO	YES
				INT	Wht					Rwd	Oak						
	Gloucester	842 / 1013	2002 / 2112	EXT	Wht	Blu	Red	Grn	Blk	Rwd	Oak	CGr	Crm	Gry	NO	NO	YES
				INT	Wht					Rwd	Oak						
	Beaulieu	842 / 1013	2002 / 2112	EXT	Wht	Blu	Red	Grn	Blk	Rwd	Oak	CGr	Crm	Gry	YES	NO	YES
				INT	Wht					Rwd	Oak						
Arch Top	Buckingham	842 / 1013	2002 / 2112	EXT	Wht	Blu	Red	Grn	Blk	Rwd	Oak	CGr	Crm	Gry	YES	NO	YES
				INT	Wht					Rwd	Oak						
	York	842 / 1013	2002 / 2112	EXT	Wht	Blu	Red	Grn	Blk	Rwd	Oak	CGr	Crm	Gry	NO	NO	YES
				INT	Wht					Rwd	Oak						
	Chester	842 / 1013	2002 / 2112	EXT	Wht	Blu	Red	Grn	Blk	Rwd	Oak	CGr	Crm	Gry	NO	NO	YES
				INT	Wht					Rwd	Oak						
Astragal Bar Fret	Beaulieu	842 / 1013	2002 / 2112	EXT	Wht	Blu	Red	Grn	Blk	Rwd	Oak	CGr	Crm	Gry	NO	NO	YES
				INT	Wht												
	Chester	842 / 1013	2002 / 2112	EXT	Wht	Blu	Red	Grn	Blk	Rwd	Oak	CGr	Crm	Gry	NO	NO	YES
				INT	Wht												
hip Lap	Cottage Collection	642 / 1028	2002 / 2112	EXT	Wht	Blu	Red	Grn	Blk	Rwd	Oak	CGr	Crm	Gry	NO	NO	YES
				INT	Wht												
	Memphis Collection	642 / 1028	2002 / 2112	EXT	Wht	Blu	Red	Grn	Blk	Rwd	Oak	CGr	Crm	Gry	NO	NO	YES
				INT	Wht												



Oak Panel







Blue Chartwell Green Cream Green Grey Oak Red

Rosewood

White

## **Hardware Options**

### **Thresholds**



Low Aluminium Threshold on Cill

Standard Threshold On Cill

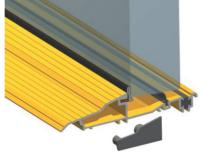
Standard Threshold

and parents with pushchairs.

Low Aluminium

Threshold

Our low threshold options provide easy property access for both wheelchair users



Stormguard Am3 Low Threshold

When selecting the T bar, modern or door knob option as a handle for

your door we use a key operated door lock which can only be

operated with the key.

### **Finishing Touches**

### **Knockers**





**Knockers available with** or without spyholes



Numeral

### **Security**

ANTI BUMP CYLINDER

These special cylinders are designed to counter the threat of a burglar breaking the key cylinder to gain access to a property. They are anti-pick, anti-drill, anti-bump and antisnap. This upgrade offers far greater levels of security and great peace of mind.





Security Chain

### **Handles**

Hardware is available in a number of finishes to suit both your home and personal tastes. These include Chrome, Gold, Black, Satin and White. Lever / lever and lever / pad door handles are available. The lever / pad option means the door can be closed without having to worry about key locking from the inside.







Stainless Steel Handle

**Stainless Steel Stainless Steel** T-Bar Inline Cranked T-Bar Offset T bar handles are available in 400mm, 600mm, 900mm, 1200mm and 1800mm.





Security Upgrade





Spyhole