

**Edition 3** 





## Dear Customer,

We are proud to present the Palladio Door Collection. We think you will agree that it has been worth waiting for. It is by a long measure, in our opinion, the finest composite door on the market today. In ten years research and development we have left no stone unturned in our quest for the perfect product.

Our approach to this was innovative and radical. The composition of the door differs from all others in its MONOCOQUE structure. This structure gives it a massive strength-to weight ratio and is protected in Europe by patent number 1766176 (Patents in the USA and Canada pending). Apart from the monocoque design there are a lot of other innovative features to this door. For instance, we have designed and manufactured a hinge exclusively for this door, so it is visually concealed unlike the more commonly used flag hinge, which is unsightly. Our glazing system with beads that look like wood is also very attractive. As is evident from the following pages, our wood grain finish is superb, due to the fact that all our tooling is made in house. In a very unique process we replicate exactly the finish of a real oak door, 100% true to the original. Another feature of the door is its excellent U value rating of 0.205 as tested by the "Lambda" testing method.

In addition to this, all our glass is triple glazed and we use edgetech warm edge seals for the lowest U value possible of 0.7.

We are dedicated to the pursuit of excellence and service to our loyal customers. We take this opportunity to thank you for your continued support. When we say the customer is king it is not an empty platitude, - we mean it!





## **Profile Developments**

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DOOD		
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Automated state of the art stacking system



Door manufacturing plant



Advanced robotics manufacturing



CNC routing machine



Door after routing operation













Door Type - Georgian 2

(Min. Glass Width 210 mm) Colour Red

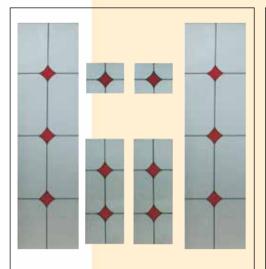


(Min. Glass Width 155 mm) Colour Rosewood

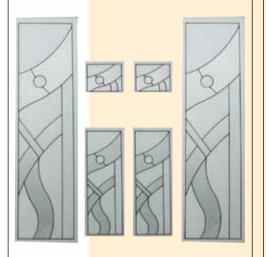




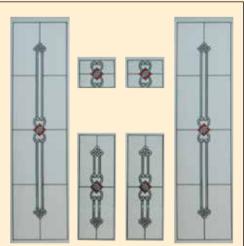
A fine example of our satinized glass for doors and sidelights. This product is produced in-house and is quite unique in it's crystal-like appearance as is evident in the picture on the left.



Gl<mark>ass Type - **TG9** (Min. Glass Width 150 mm)</mark>



Glass Type - **TG11 Satinized** (Min. Glass Width 360 mm)



Glass Type - TG10 Satinized (Min. Glass Width 230 mm)



Glass Type - **TG12** (Min. Glass Width 360 mm)







Door Type - **Paris** Glass Type - **TG146 Satinized** (**Min. Glass Width 240 mm**) **Colour Bog Oak** 



Door Type - Paris Glass Type - **TG145 Satinized** (Side Light Min. Glass Width 200 mm) Colour Red

All doors on this page available with Contemporary Cranked Pullbar Handle supplied with Heritage Slam Lock. Option of Fingerpull Escutcheon or Traditional Lever Handles also available.

**Please Note -** All doors on this page supplied with spy view as standard

8



Door Type - Paris Glass Type - TG72 Satinized

Colour Red

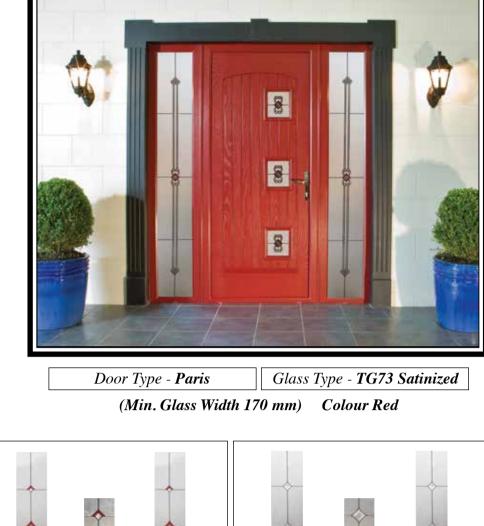
Please Note - All doors on this page supplied with spy view as standard

Door Type - Paris

Glass Type - TG72 Satinized

(Min. Glass Width 240 mm) Colour Light Oak

All doors on this page available with Contemporary Cranked Pullbar Handle supplied with Heritage Slam Lock. Option of Fingerpull Escutcheon or Traditional Lever Handles also available.





(Min. Glass Width 155 mm)

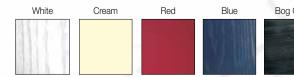


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Glass Type - TG70

(Min. Glass Width 210 mm)





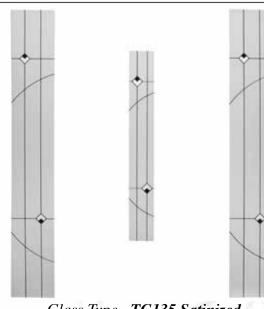






All doors available with Contemporary Cranked Pullbar Handle supplied with Heritage Slam Locking System. Option of Fingerpull Escutcheon or Traditional Lever Handles also available.

**Please Note -** All doors excluding the Seville supplied with spy view as standard



Glass Type - TG135 Satinized (Min. Glass Width 200 mm)







Door Type - Rome

Glass Type - TG133 Satinized (Min. Glass Width 200 mm) Colour Anthractie Grey



Door Type - Seville Glass Type - TG131 Satinized (Min. Glass Width 200 mm) Colour Chartwell Green



Glass Type - TG136 Satinized Door Type - Rome (Min. Glass Width 140 mm) Colour Anthractie Grey

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Door Type - Belfast Glass Type - TG186 Satinized (Min. Glass Width 140 mm) Colour Anthracite Grey

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Doors fitted with a Heritage Slam lock, it is recommended to have a PVC Threshold or Storm Guard Plus Rebated Threshold only. Please Note : Not A Storm Guard or a Storm Guard Plus Threshold

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Door Type - Belfast Glass Type - TG187 Satinized (Min. Glass Width 200 mm) Colour Red

The Belfast style would be striking in any of our 13 colours available

Door Type - Belfast Glass Type - TG188 Satinized (Min. Glass Width 250 mm) Colour Silver Grey

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**Please Note -** All doors excluding this page supplied with spy view as standard

Doors fitted with a Heritage Slam lock, it is recommended to have a PVC Threshold or Storm Guard Plus Rebated Threshold only. Please Note : Not A Storm Guard or a Storm Guard Plus Threshold

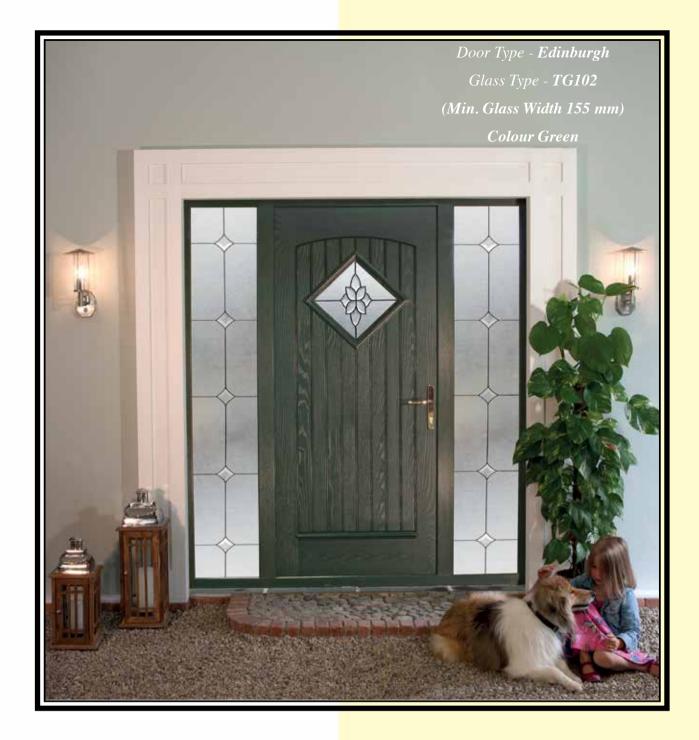
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14)



Colour Red

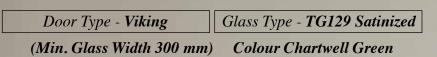




Cream White

Agate Grey

Burgundy









High Security Finger Pull Eschutcheon created to compliment both contemporary and period door designs. The cylinder is protected behind a steel security shield with a reduced risk of cylinder attack, snapping or drilling.

All doors on this page excluding the San Marco available with Curved or Pullbar Handle supplied with Heritage Slam Locking System. Option of Fingerpull Escutcheon or Traditional Lever Handles also available.





Door Type - Viking (Min. Glass Width 200 mm) Colour Red

Doors fitted with a Heritage Slam lock, it is recommended to have a PVC Threshold or Storm Guard Plus Rebated Threshold only. Please Note : Not A Storm Guard or a Storm Guard Plus Threshold

Glass Type - TG128 Satinized



(Min. Glass Width 260 mm)



**Please Note -** All doors on this page supplied with spy view as standard

Doors fitted with a Heritage Slam lock, it is recommended to have a PVC Threshold or Storm Guard Plus Rebated Threshold only. Please Note : Not A Storm Guard or a Storm Guard Plus Threshold

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Door Type - Picasso Glass Type - TG162 Satinized (Min. Glass Width 120 mm)



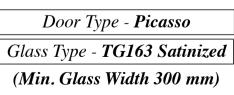
19



Please Note - All doors on this page supplied with spy view as standard

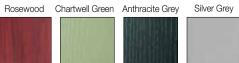








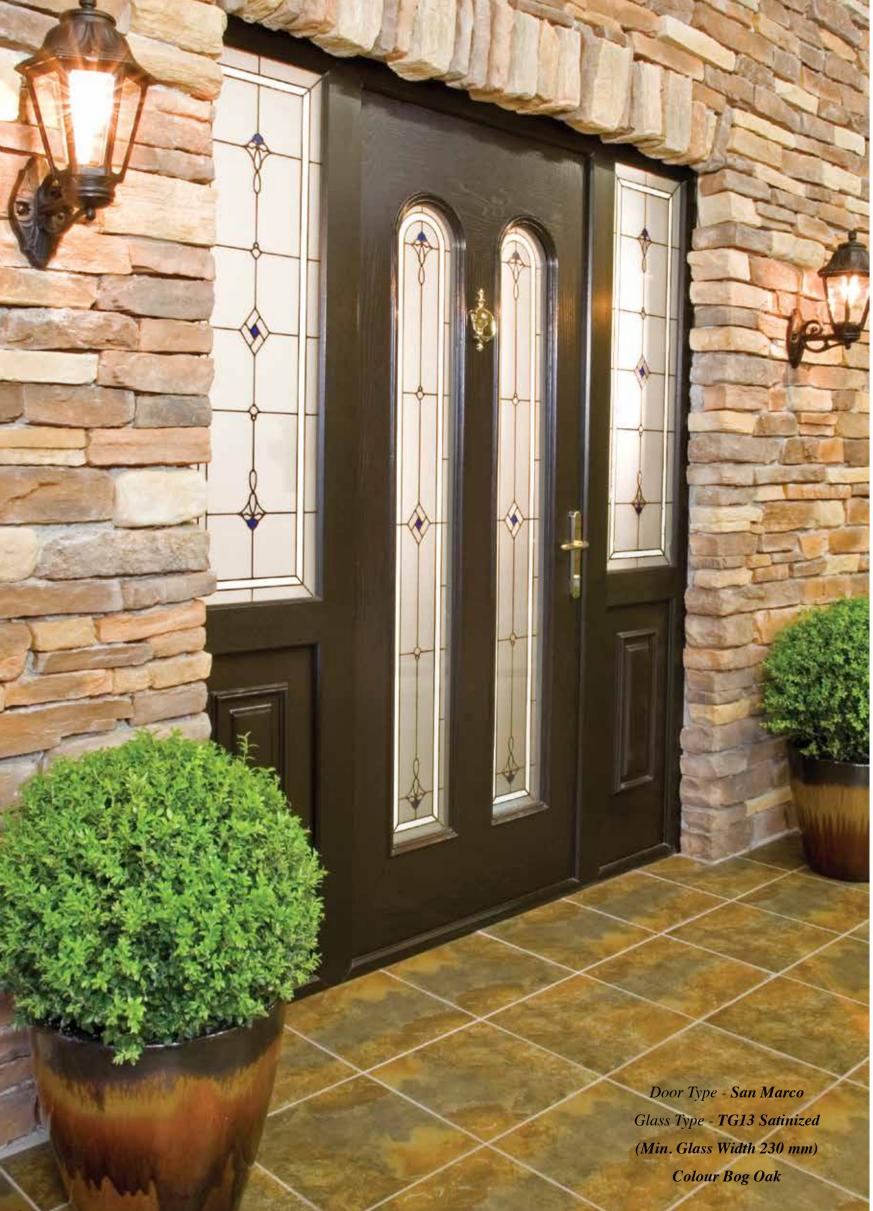
Light Oak





Agate Grey







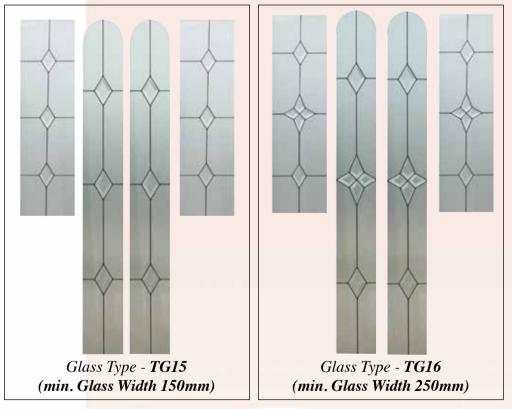






Glass Type - TG14 Door Type - San Marco

(Min. Glass Width 210 mm) Colour Bog Oak



Green

Light Oak

Rosewood Chartwell Green Anthracite Grey Silver Grey

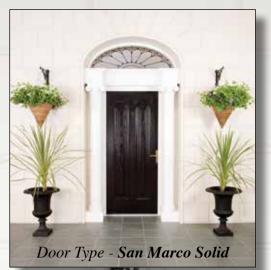
Burgundy Agate Grey



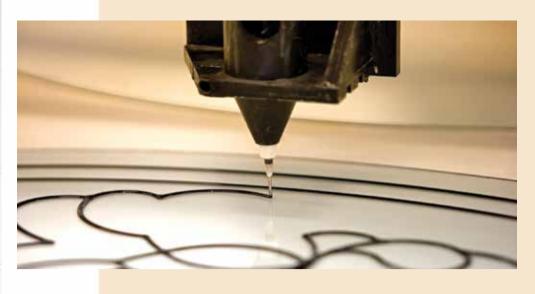
22







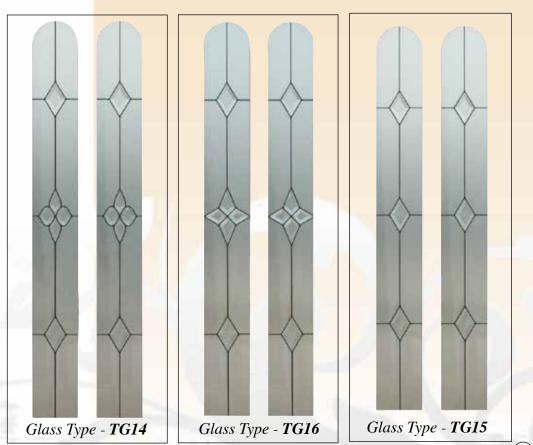
Door Type - San Marco Glass Type - TG13 Satinized Colour Red



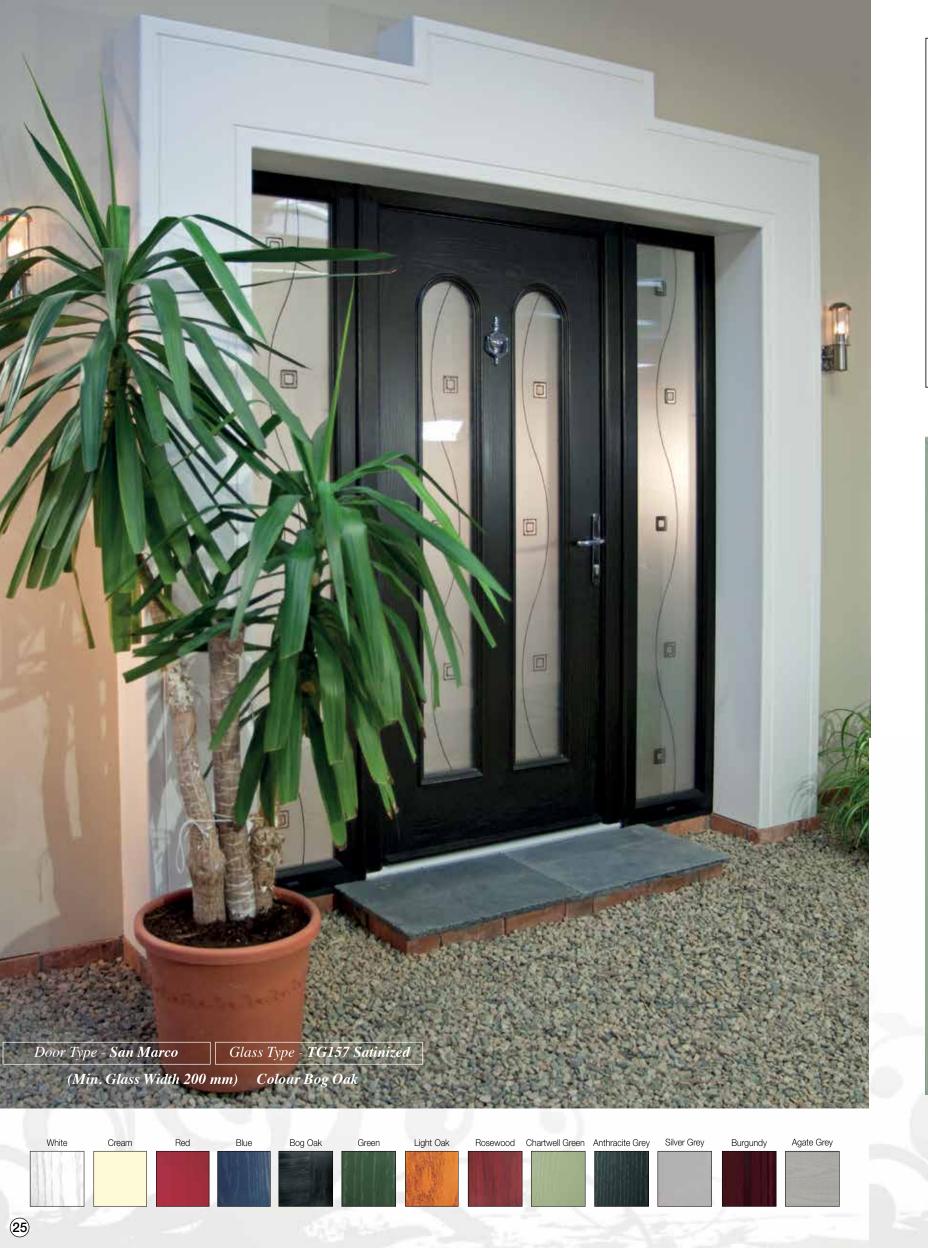


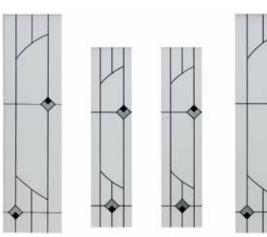


Door Type - San Marco Soild



24





Glass Type - TG154 Satinized (Min. Glass Width 240 mm)



Doors fitted with a Heritage Slam lock, it is recommended to have a PVC Threshold or Storm Guard Plus Rebated Threshold only. Please Note : Not A Storm Guard or a Storm Guard Plus Threshold





Door Type - Palermo

Glass Type - TG152 Satinized (Min. Glass Width 200 mm) Colour Chartwell Green



Doctors Knocker (optional extra)



Bog Oal

Green

Light Oak

The Palermo door is our best selling design and compliments all entrance styles

Blue

Door Type - Palermo Glass Type - TG104 (Min. Glass Width 260 mm) Colour Bog Oak

Agate Grey

Burgundy

Rosewood Chartwell Green Anthracite Grey Silver Grey



White

Crear

Doors fitted with a Heritage Slam lock, it is recommended to have a PVC Threshold or Storm Guard Plus Rebated Threshold only. Please Note : Not A Storm Guard or a Storm Guard Plus Threshold



Door Type - **Palermo Solid** Glass Type - **TG114** (Min Glass Width - 270mm) Colour Red

29









Door Type - Palermo Solid Glass Type - TG117 Satinized (Min Glass Width - 280mm) Colour Red



Door Type - Orpen	Glass Type - TG175 Satinized



Doors fitted with a Heritage Slam lock, it is recommended to have a PVC Threshold or Storm Guard Plus Rebated Threshold only. Please Note : Not A Storm Guard or a Storm Guard Plus Threshold

Doors fitted with a Heritage Slam lock, it is recommended to have a PVC Threshold or Storm Guard Plus Rebated Threshold only. Please Note : Not A Storm Guard or a Storm Guard Plus Threshold

**Please Note -** All doors excluding this page supplied with spy view as standard

Door Type - Oxford Glass Type - TG183 Satinized (Min. Glass Width 170 mm) Colour Agate Grey

35

Doors fitted with a Heritage Slam lock, it is recommended to have a PVC Threshold or Storm Guard F Please Note : Not A Storm Guard or a Storm Guard Plus Threshold

(Min. Glass Width 200 mm) Colour Burgundy

d only

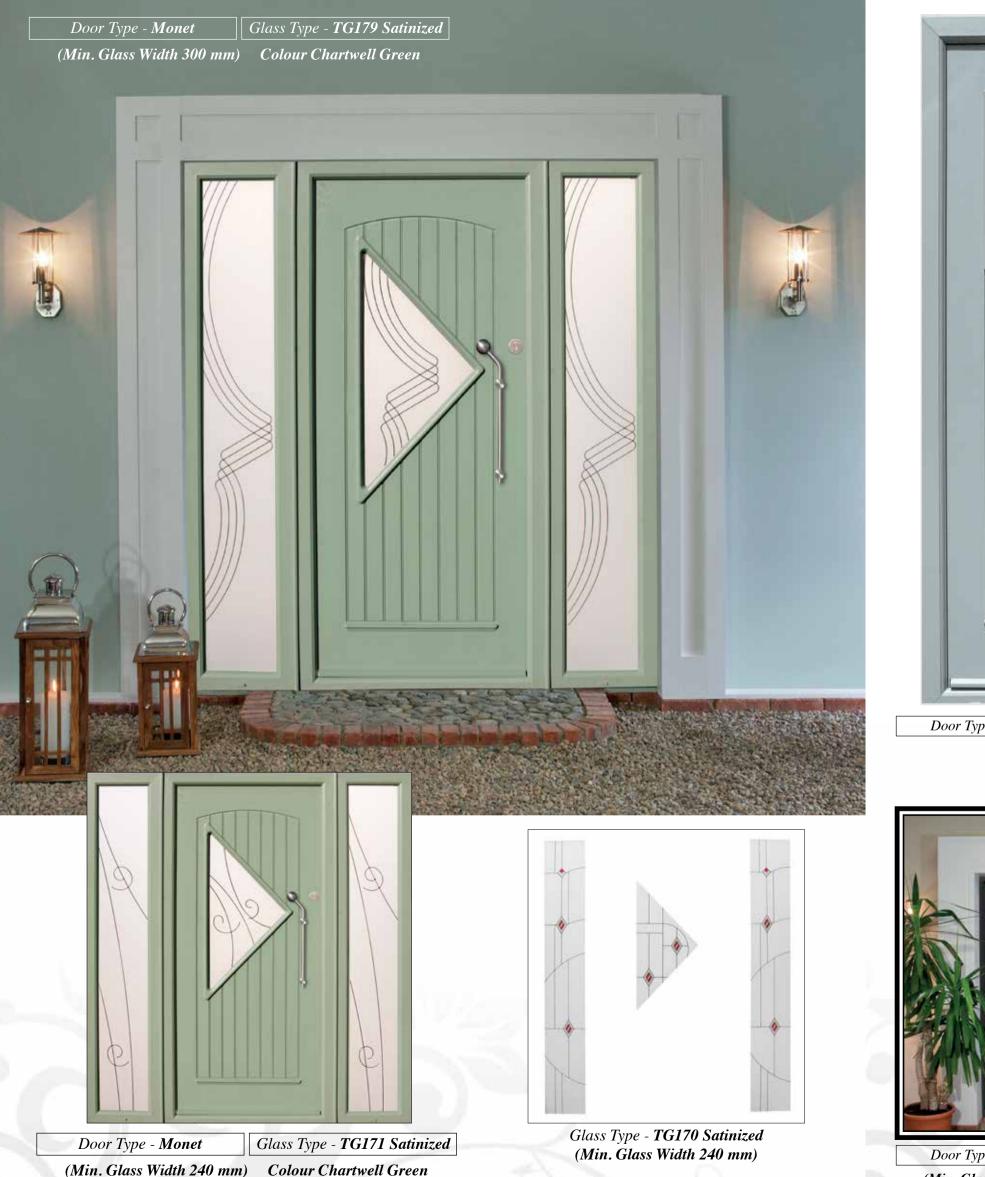




Doors fitted with a Heritage Slam lock, it is recommended to have a PVC Threshold or Storm Guard Plus Rebated Threshold only. Please Note : Not A Storm Guard or a Storm Guard Plus Threshold







Door Type - Kildare Glass Type - TG198 Satinized Colour Silver Grey



(Min. Glass Width 170 mm) Colour Anthractie Grey

Doors fitted with a Heritage Slam lock, it is recommended to have a PVC Threshold or Storm Guard Plus Rebated Threshold only. Please Note : Not A Storm Guard or a Storm Guard Plus Threshold



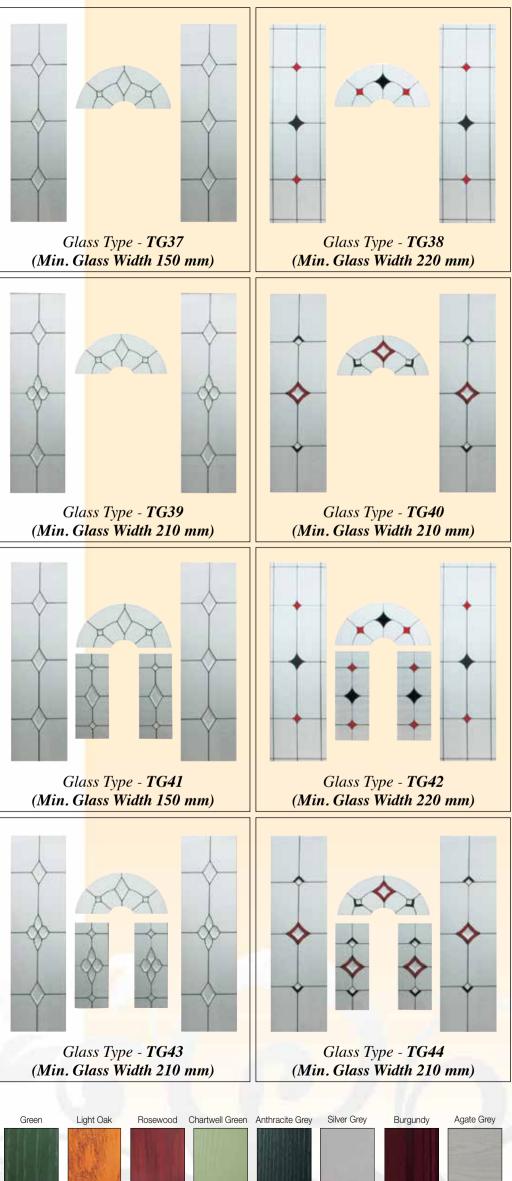
Door Type - Kildare Glass Type - TG195 Satinized (Min. Glass Width 260 mm) Colour Anthractie Grey



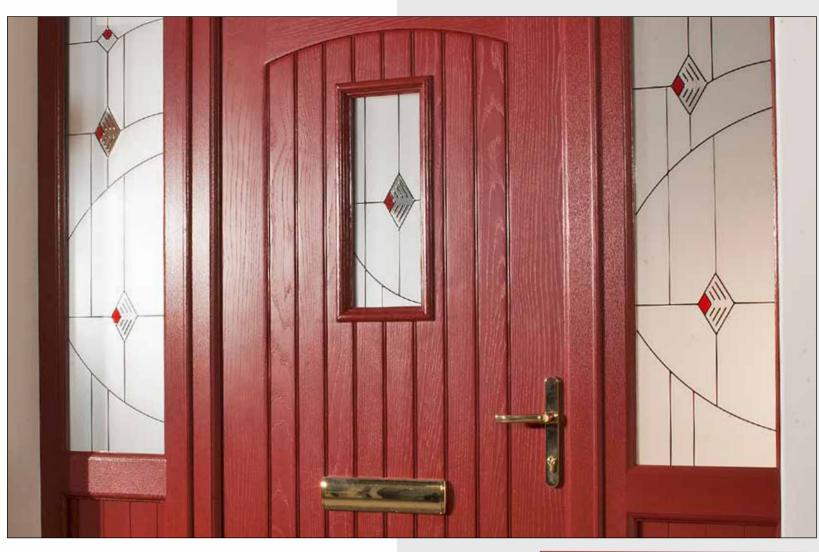
Door Type - Kildare Glass Type - TG196 (Min. Glass Width 200 mm) Colour Red

(Min. Glass Width 140 mm) Colour Anthractie Grey Doors fitted with a Heritage Slam lock, it is recommended to have a PVC Threshold or Storm Guard Plus Rebated Threshold only. Please Note : Not A Storm Guard or a Storm Guard Plus Threshold











Door Type - Joyce	Glas
(Min. Glass Width 240 mm)	Ca
Doors fitted with a Heritage Slam lock	it is





Our designer handles add a stylish and contemporary look to our doors, ensuring customer satisfaction.

Our customers are spoilt for choice with such a wide variety of glass designs available.

Our unique door designs allow us to offer a style to suit every home owner.

Doors fitted with a Heritage Slam lock, it is recommended to have a PVC Threshold or Storm Guard Plus Rebated Threshold only. Please Note : Not A Storm Guard or a Storm Guard Plus Threshold

(43)

(Min. Glass Width 180 mm) Doors fitted with a Heritage Slam lock, it is recommended to have a PVC Threshold or Storm Guard Plus Rebated Threshold only. Please Note : Not A Storm Guard or a Storm Guard Plus Threshold



**Please Note -** T&G Solid available with spy view fitted as standard or with a spy view knocker as an opional extra

Door Type - T&G Solid Glass Type - TG68 (Min. Glass Width 200 mm) Colour Green

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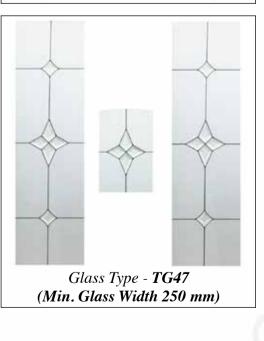
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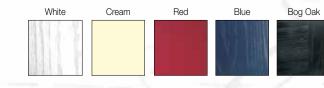






Glass Type - **TG46 Satinized** (Min. Glass Width 325 mm)







45

Glass Type - TG45 Colour Bog Oak

T&G L<mark>ight Oak.</mark> This do<mark>or demonstrates</mark> our dis<mark>tinctive woodgrain</mark> effect.





Green



Agate Grey



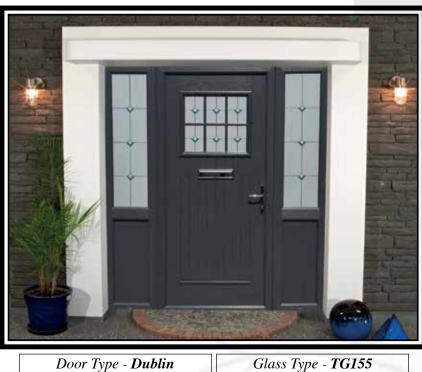


(Min. Glass Width 260 mm)



Door Type - Dublin Glass Type - TG160 Satinized

(Min. Glass Width 200 mm)



(Min. Glass Width 140 mm)



All doors on this page available with Contemporary Curved or Pullbar Handle supplied with Heritage Slam Locking System. Option of Fingerpull Escutcheon or Traditional Lever Handles also available.



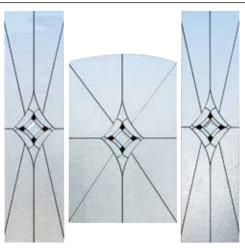




Doors fitted with a Heritage Slam lock, it is recommended to have a PVC Threshold or Storm Guard Plus Rebated Threshold only. Please Note : Not A Storm Guard or a Storm Guard Plus Threshold



Glass Type - TG59 Door Type - San Tiago (Min. Glass Width 210 mm) Colour Red



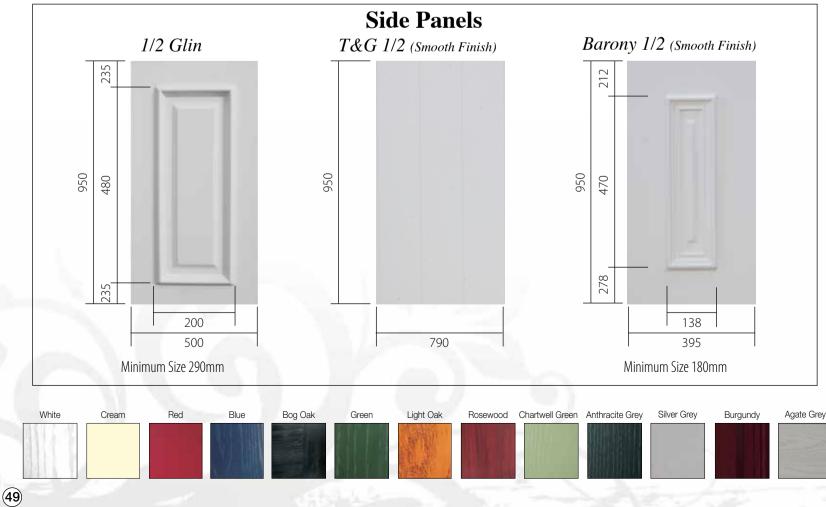
Glass Type - **TG60** (Min. Glass Width 280 mm)



Door Type - Giza Glass Type - TG62 (Min. Glass Width 330 mm) Colour Rosewood

Doors fitted with a Heritage Slam lock, it is recommended to have a PVC Threshold or Storm Guard Plus Rebated Threshold only. Please Note : Not A Storm Guard or a Storm Guard Plus Threshold

Door Type - Giza Door Type - Naples	



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	Dou	ñ Ca	llectic	n

Composite	65mm fibreglass reinforced M Canadian and US Pending		
Door Colours	White, Cream, Red, Blue, Gread Grey and Burgundy. Please n		
Double Rebate	Double rebate using two seals		
Single Door Slab Size	Min. 782 mm x 1855 mm Max. 910 mm x 2095 mm <i>Please Note:</i>		
	with lo with lo with lo with 57		
Heritage Slam Lock with Leaf Only	Less 96mm from complete do Available for Liniar and Komm		
Heritage Slam Lock with Frame	Including 1200 pull handle and Min Size 911 - Paris, London, Oxford, Belfast Min Size 901 - Dublin, Giza, S		
Heritage Slam Lock and Frame	Min size 916 - Georgian, Napl Min size 891 - Sunbeam, T&G Monet, Joyce, Oxford, Belfasi Min size 991		
with Escutcheon	Min size 901 - San Marco, Du		
Warning	Doors fitted with a Heritage Slam Please Note : Not A Storm Guar		
U Value rating	Door body U Value - 0.205, Tr Solid Door U Value including t		
Glazing beads	Designed to be removed inter		
Triple Glazing	Triple glazed units using warn Minister, Stippolite and Flemis All satinized triple glazed unit		
Lock type	2 hook 2 shootbolt 4 roller an Thumb turns to be used with All door furniture and locks ha		
Door numerals	Supply only available 0-9 in G		
Warning	In the event of a door being fi excessive build up of heat. Satinized and flemish glass m		
Hardware	High quality handle, letter pla MANUFACTURED TO BS 741 however is not compliant with		
Hardware Colour	Black, Gold, Bright Chrome, S Door knobs supply only Gold		
Drainage Caps	Available in 13 colour options		
Handle type	Lever / Lever Lever /		
Handle Maintenance	Stainless pull handles must b any abrasive cleaners		
Hinge type	Rebated hinge available Whit		
PVC outerframe option extra*	70mm with galvanized steel re		
PVC outerframe & Sidelight colour	White, Cream, Red, Blue, Bog Grey and Silver Grey available		
Threshold	Extra strong - standard and lo		
$M_{2}$	Please note, owing to the photograp Images shown are for illustrative pur		

## **Specifications**

#### Aonocoque Composite Door, Patented Design protected in Europe by patent no 1766176,

een, Bog Oak, Rosewood, Anthracite Grey, Chartwell Green, Light Oak, Silver Grey, Agate note: Half Sidelight Panels are not available in Silver Grey, Agate Grey or Burgundy.

#### Is achieving excellent draught proofing

Single Door Min. 878 mm x 1951 mm With Frame Max. 1006 mm x 2191 mm Minimum Size 858 with 57mm frame on lock side.

w Stormguard Plus threshold, max height 2181mm, min 1942mm w Stormguard Plus rebated, max height 2162mm, min 1922mm w Stormguard threshold, max height 2163mm, min 1923mm 7mm uPVC threshold, max height 2171mm, min 1931mm

oor with frame

nerling Profile only. Min Leaf Height 1900mm

d 600 curved handle , Rome, Viking, Edinburgh, Seville, T&G, Picasso, Rubens, Turner, Orpen, Monet, Joyce,

Santiago, Cambridge, Kildare

les, Cairo, Palermo A, Paris, London, Rome, Viking, Edinburgh, Seville, Picasso, Rubens, Turner, Orpen,

Iblin, Giza, Santiago, Cambridge, Kildare

n lock, it is recommended to have a PVC Threshold or Storm Guard Plus Rebated Threshold only. rd or a Storm Guard Plus Threshold

riple glaze U value - 1.1, combined U value - 0.64 frame - 0.85 / Glazed Door U Value including frame - 0.98

rnally

m edge, available in all doors. Backing glass, available as standard in Clear, Cotswold, sh. \* other obscure glass available optional extra (time delay). ts available with clear glass only.

nd deadlatch / Heritage Slam lock optional extra / PAS 23/24 Approved the Heritage Slam lock ave a 12 month guarantee

Gold, Chrome, Black and Satin Silver

itted behind a Glazed Patio Door, the area needs to be well vented to prevent the

nay have imperfections as the raw material is prone to slight flaws or blemishes

te, door knocker solid or with spyview, all available with 12 month warranty. 2. Please Note: Letterboxes can be fitted at the bottom of all doors if requested, this h building regulations.

Satin Silver, Smokey Chrome and White. and Chrome.

/ Pad

BS 7412 and BS 1670:1998

be maintained every few months with soap and water to avoid discolouration. Do not use

te, Caramel, Black and Cream

reinforcing

g Oak, Green, Rosewood, Light Oak, Chartwell Green, Anthracite Grey, Burgundy, Agate e using 28mm triple glazed sidelights

ow thresholds available

ohic and printing process used, colour may vary from the printed brochure. rposes only. Actual product appearance and placement of furniture may vary

# Accessories

**Threshold Options** 

#### Door Knockers





Doctors Knocker Doctors Knocker Chrome

Black

#### Letterbox



Gold

#### Escutcheon



Round Stainless Brushed Steel

Gold Finger Pull

### **Door Handles**







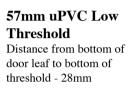


Gold Lever Pad





77mm uPVC Full Frame Threshold Distance from bottom of door leaf to bottom of threshold - 48mm





Stormguard Low Aluminium Threshold Distance from bottom of door leaf to bottom of threshold - 20mm. Available in Gold and Silver.

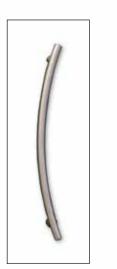
**Stormguard Plus** Threshold Distance from bottom of door leaf to bottom of threshold - 38mm.

Available in Silver only.

**Stormguard Plus Rebated Threshold** Distance from bottom of door leaf to bottom of threshold - 20mm. Available in Silver only.







1200mm Offset Handle 600mm Curved Handle



High Security Cylinder (optional extra) Superior physical strength – Cylinder design that prevents lock bumping Anti-snap now with break points allowing interior key to work even if external snap damage occurs



The Mantis 3 Lock can be used with a Lever Lever or Lever Pad handle, the lock consists of ten locking points, four roller cams, two linear bolts, two hooks, a thumb latch and a dead bolt.

**GU** Automatic Electric Lock The GU Automatic lock gives automatic security. Simply close the door, 2 latches automatically throw and become rigid deadbolts which are locked against being forced back.



Heritage Slam Locking System An automatic 5 point locking system which is operated as soon as the door closes.









Doctors Knocker available only in Bright Chrome and Gold. Urn Knockers also available with Viewer



Gold



Bright Chrome



Satin Silver



Smokey Chrome



White





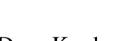
Smokey Chrome



White



Satin Silver









Bright Chrome Finger Pull



Gold





Bright Chrome Lever



Bright Chrome Lever Pad



Satin Silver Lever



Satin Silver Lever Pad



Smokey Chrome Lever



Smokey Chrome Lever Pad

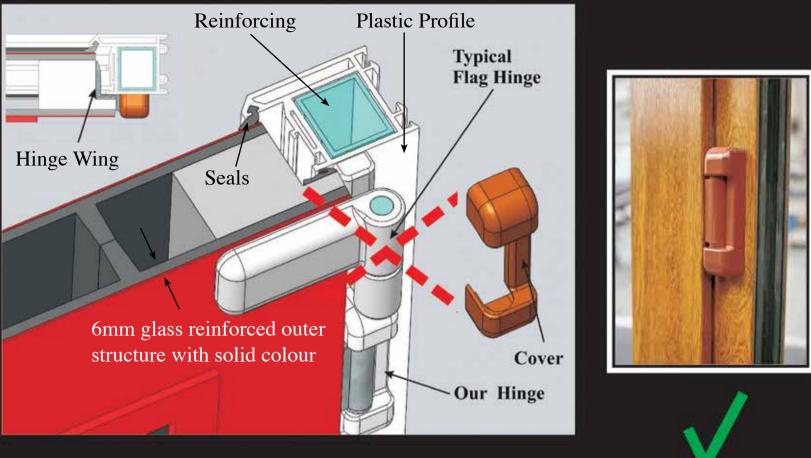


White Lever



White Lever Pad

We have an extensive selection of furniture for our doors in various colours, enabling you to customise your door Our designer handles add a stylish and contemporary look to our doors, ensuring customer satisfaction.



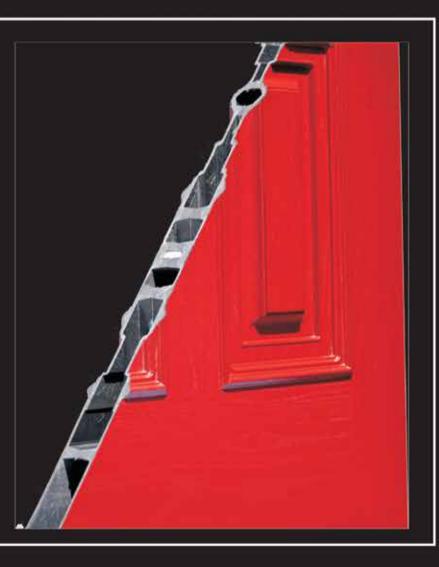
## With Your Security And Safety In Mind



This 3D generated photo demonstrates the advantage of our unique hinge. As is evident from the above picture, this hinge is not attached to the outside of the door, and therefore enhances the appearance of the door, unlike a more conventional flag hinge - as seen on the left. Double seal and rebate.



Here you see our superior MONOCOQUE structure and the advantage it holds over its competitors as demonstrated on the opposite page.





The picture above shows conventional composite doors, comprised of two 2mm skins bonded to a foam core.

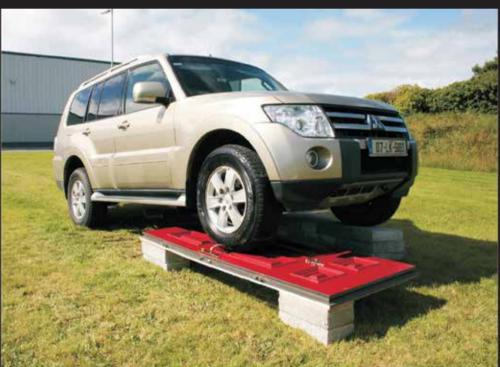
Figure 2 shows finished door from the original tooling.

Figure 3 is a good example of bad tooling design that lacks character.

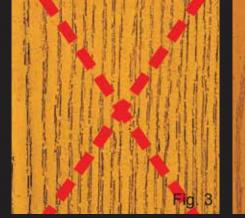
On the other hand, compare this to Figure 4 which you can judge for yourself.

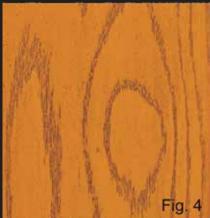


Above all we are a design and innovation led company, and this will always shine through in the finished product. We start with the project design, then manufacture the machine we require and finally manufacture the product. Figure 1 shows the oak pattern from which the final mould will be produced.



To dispel any lingering doubt you may have, we have carried out our own rudimentary test using a 4x4 vehicle.





# **Profile Developments**

Door Collection

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