Including Exciting
New Range Exciting

# The The Alloward of the analysis of the analys Door Collection Edition 3



















### **D**ear 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

### PALLADIO DOOR AND GLASS COLOUR INDEX

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Georgian 1	TG192 / TG193 / TG194	5,6
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Orpen	TG175 Red/ TG173/ TG174	33
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Palermo Glazed	TG21/TG23/TG24 Black/TG104 Black TG110 Red/TG151/ TG152 Black/TG154 Black/ TG182	26, 27, 28
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Paris	TG70 Red/TG71/TG72 Red/TG73 Red/TG143 Black/ TG145 Black/TG146 Black	7,8,9
Picasso	TG161/TH162 Black/TG163	19, 20
Rome	TG90/ TG91 Blue/ TG132 Black/ TG133 Black/ TG135 Black/ TG136 Black	10, 11, 12
San Marco Solid		24
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Automated state of the art stacking system



Door manufacturing plant



Advanced robotics manufacturing



CNC routing machine



Door after routing operation

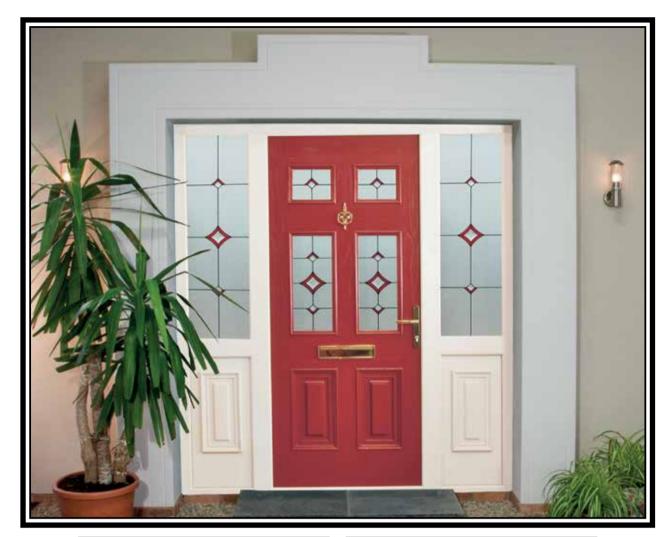








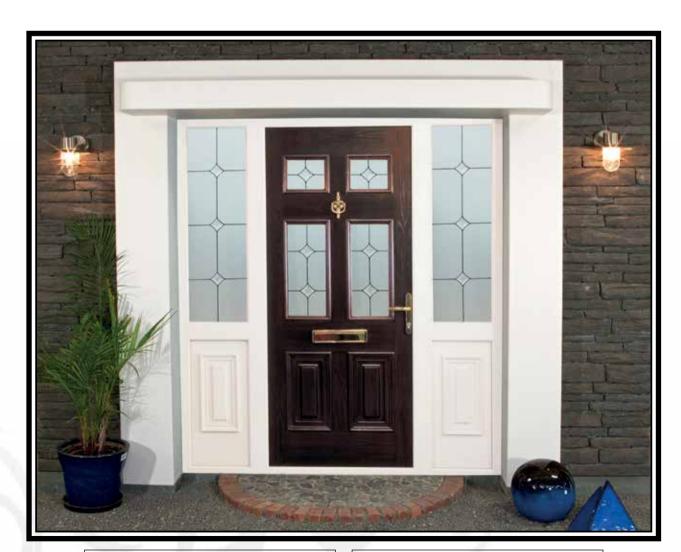




Door Type - Georgian 2

Glass Type - TG7

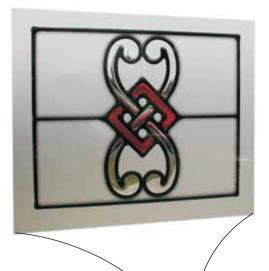
(Min. Glass Width 210 mm) Colour Red

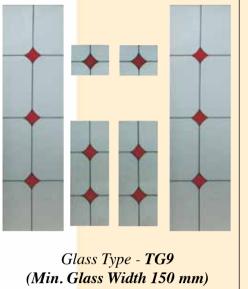


Door Type - Georgian 2

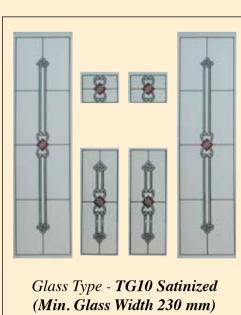
Glass Type - TG8

(Min. Glass Width 155 mm) Colour Rosewood

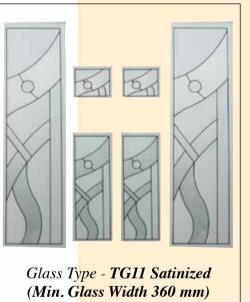


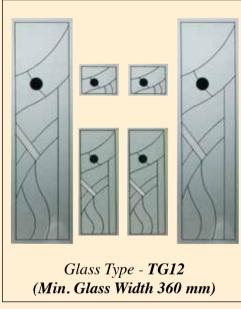


left.



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















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

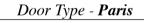


Door Type - Paris
Glass Type - TG145 Satinized
(Side Light Min. Glass Width 200 mm)
Colour Red

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





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

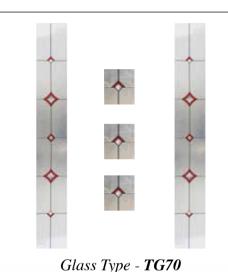
All doors on this page available with Contemporary Cranked Pullbar Handle supplied with Heritage Slam Lock. Option of Fingerpull Escutcheon or Traditional Lever Handles also available.



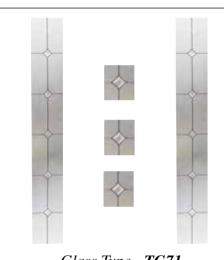
Door Type - Paris

Glass Type - TG73 Satinized

(Min. Glass Width 170 mm) Colour Red



Glass Type - TG70 (Min. Glass Width 210 mm)



Glass Type - TG71 (Min. Glass Width 155 mm)





Door Type - London

Glass Type - TG80

(Min. Glass Width 210 mm) Colour Green

Door Type - London

Glass Type - TG81

(Min. Glass Width 155 mm) Colour Green

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

Door Type - Rome

Glass Type - TG91 Satinized

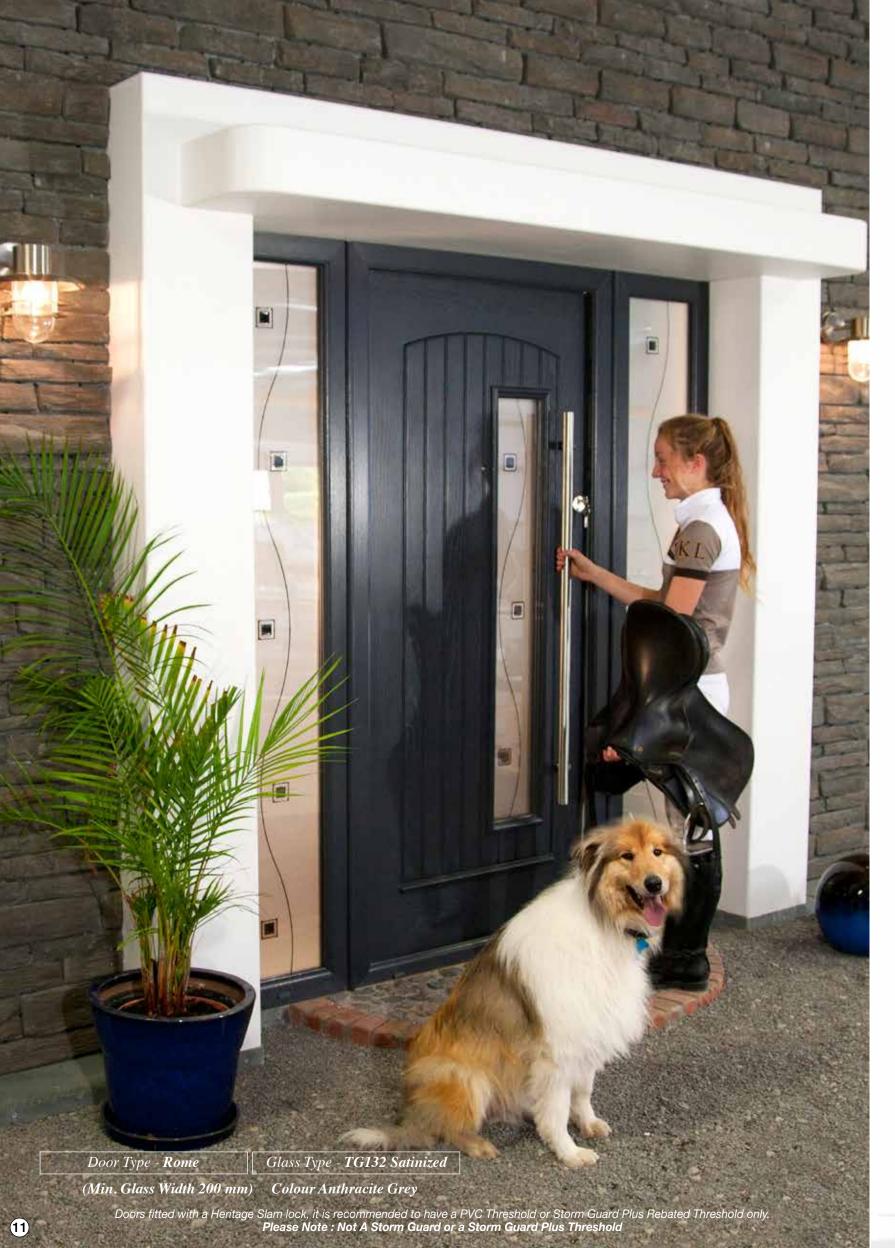
(Min. Glass Width 150 mm)







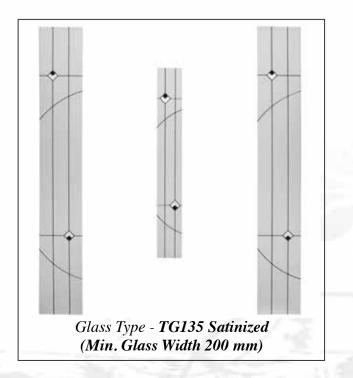
Glass Type





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





Door Type - Rome Glass Type - TG133 Satinized (Min. Glass Width 200 mm) Colour Anthracite Grey



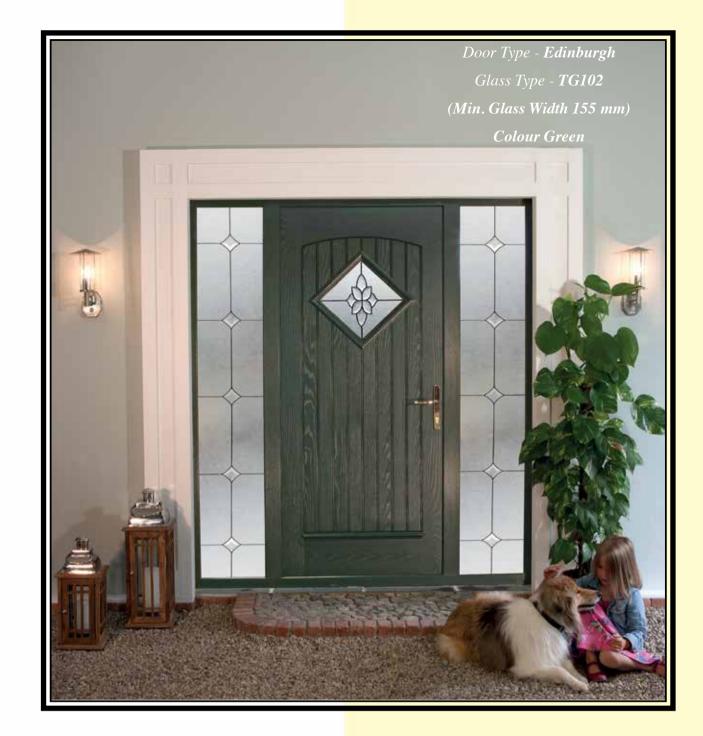
Door Type - Seville Glass Type - TG131 Satinized (Min. Glass Width 200 mm) Colour Chartwell Green



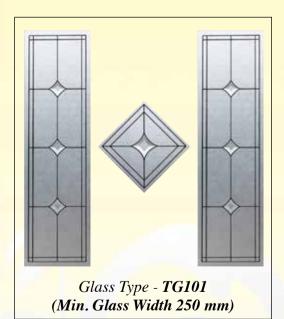
Glass Type - TG136 Satinized Door Type - Rome (Min. Glass Width 140 mm) Colour Anthracite Grey











Door Type - Viking Glass Type - TG129 Satinized (Min. Glass Width 300 mm) Colour Chartwell Green





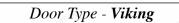




High Security Finger Pull Eschutcheon created to compliment both contemporary and period door designs. The cylinder is protected behind a steel security shield with a reduced risk of cylinder attack, snapping or drilling.

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.



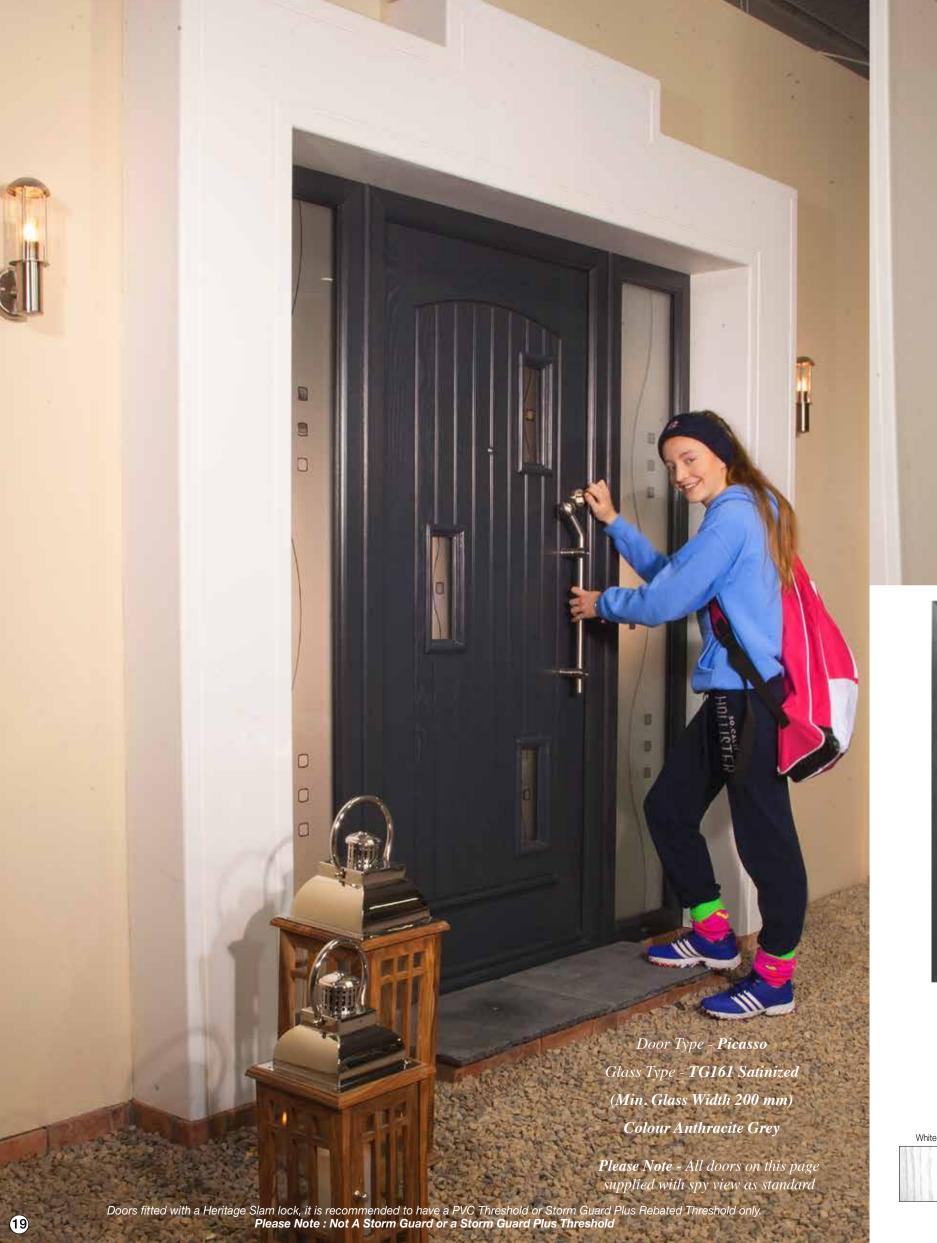


Glass Type - TG128 Satinized

(Min. Glass Width 200 mm) Colour Red



Door Type - Viking Glass Type - TG127 Satinized (Min. Glass Width 260 mm)







Door Type - Picasso

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

Colour Anthracite Grey

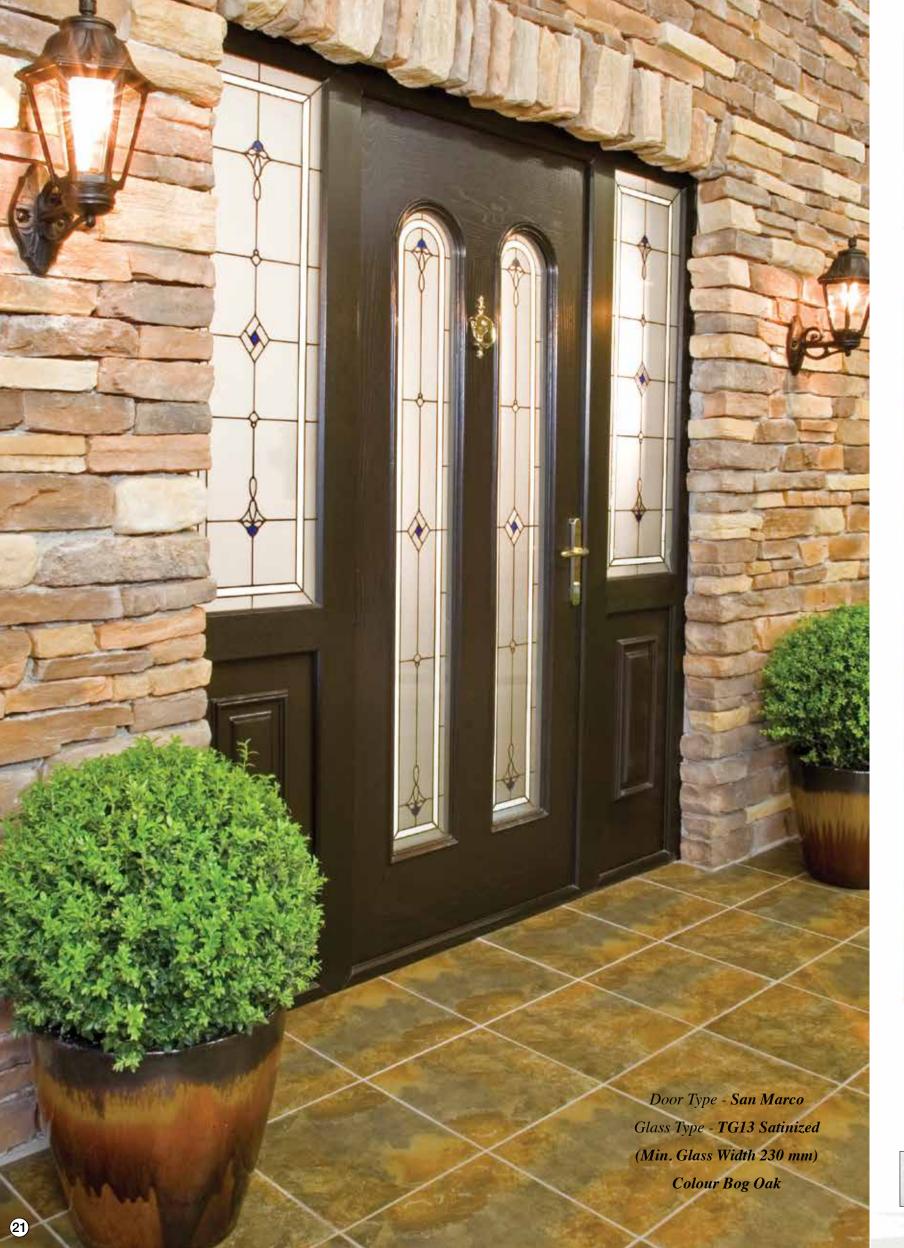


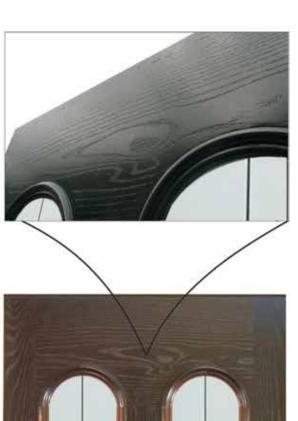
Please Note - All doors on this page supplied with spy view as standard

Door Type - Picasso Glass Type - TG163 Satinized

(Min. Glass Width 300 mm)







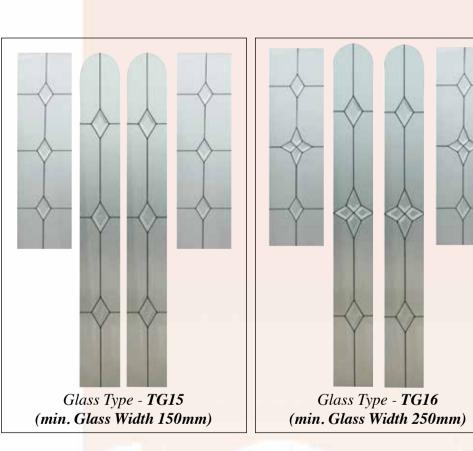




Door Type - San Marco

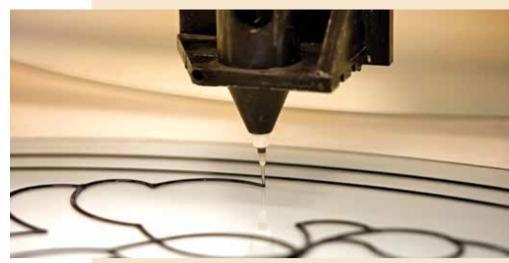
Glass Type - TG14

(Min. Glass Width 210 mm) Colour Bog Oak





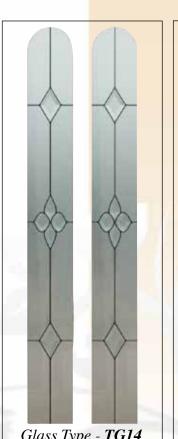


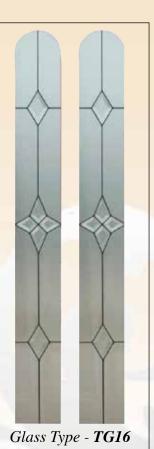


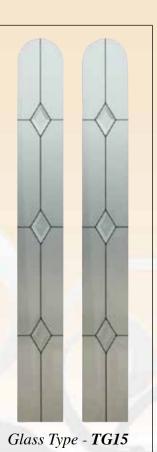


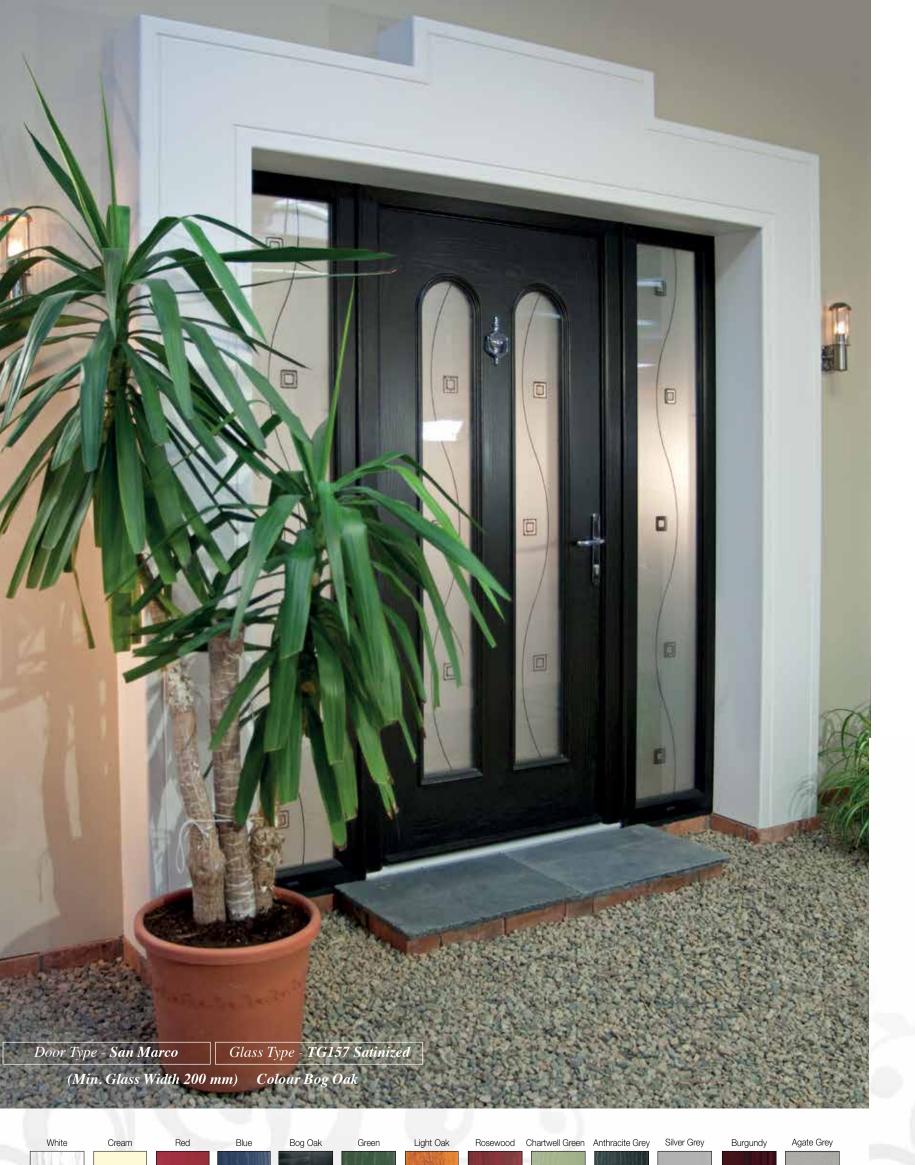


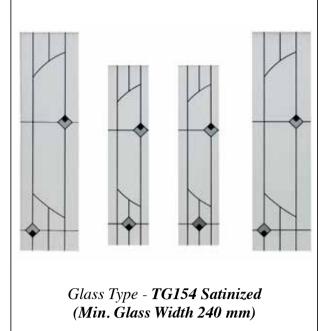
Door Type - San Marco Soild













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



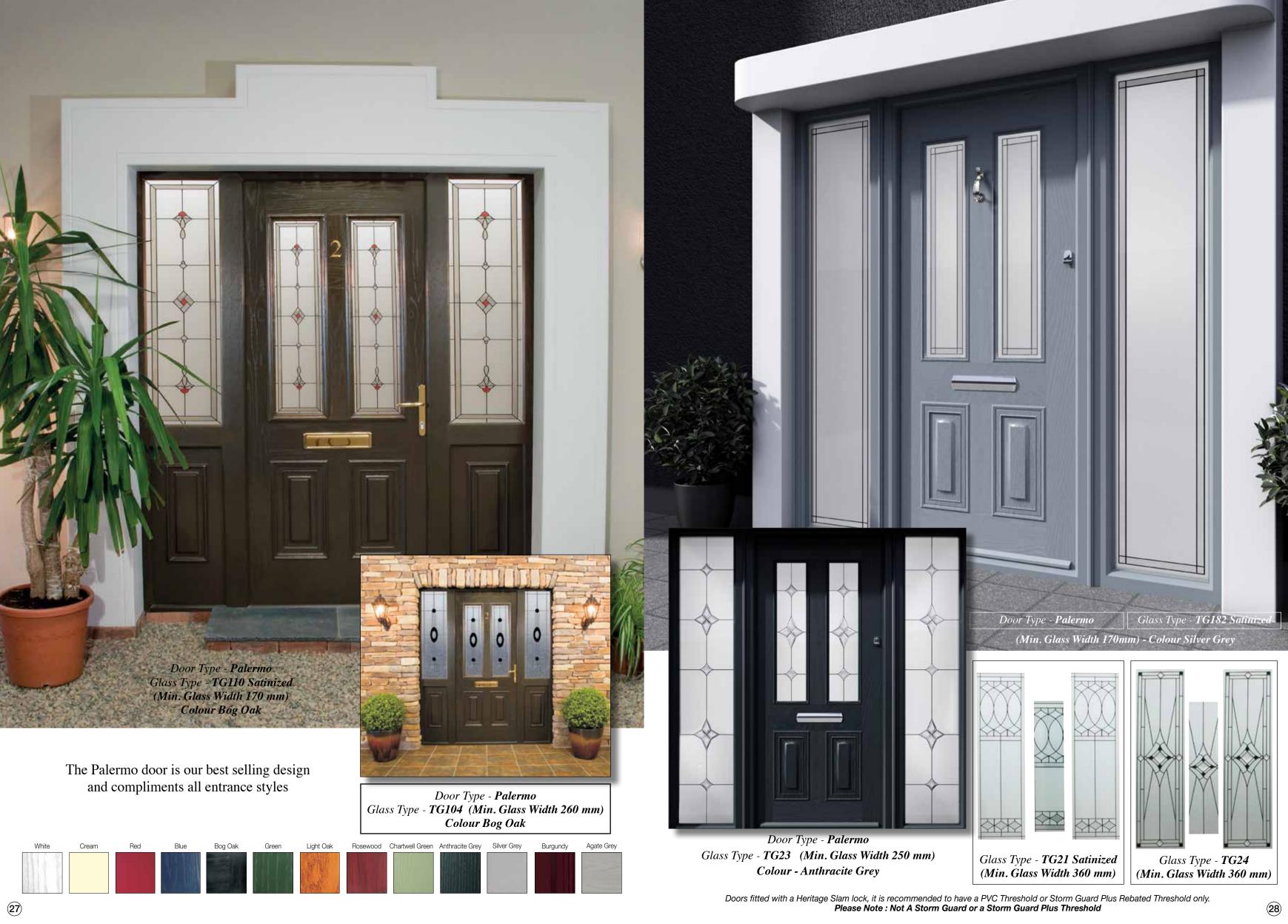
Door Type - Palermo

Glass Type - TG151 Satinized

(Min. Glass Width 200 mm) Colour Chartwell Green



Doctors Knocker (optional extra)













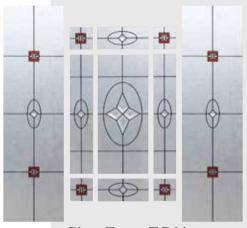




Door Type - Cairo

Glass Type - TG63 Satinized

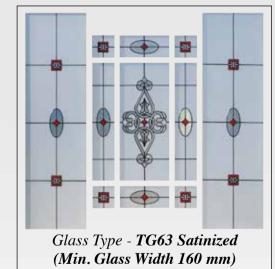
(Min. Glass Width 150 mm) Colour Bog Oak



Glass Type - **TG64** (**Min. Glass Width 160 mm**)



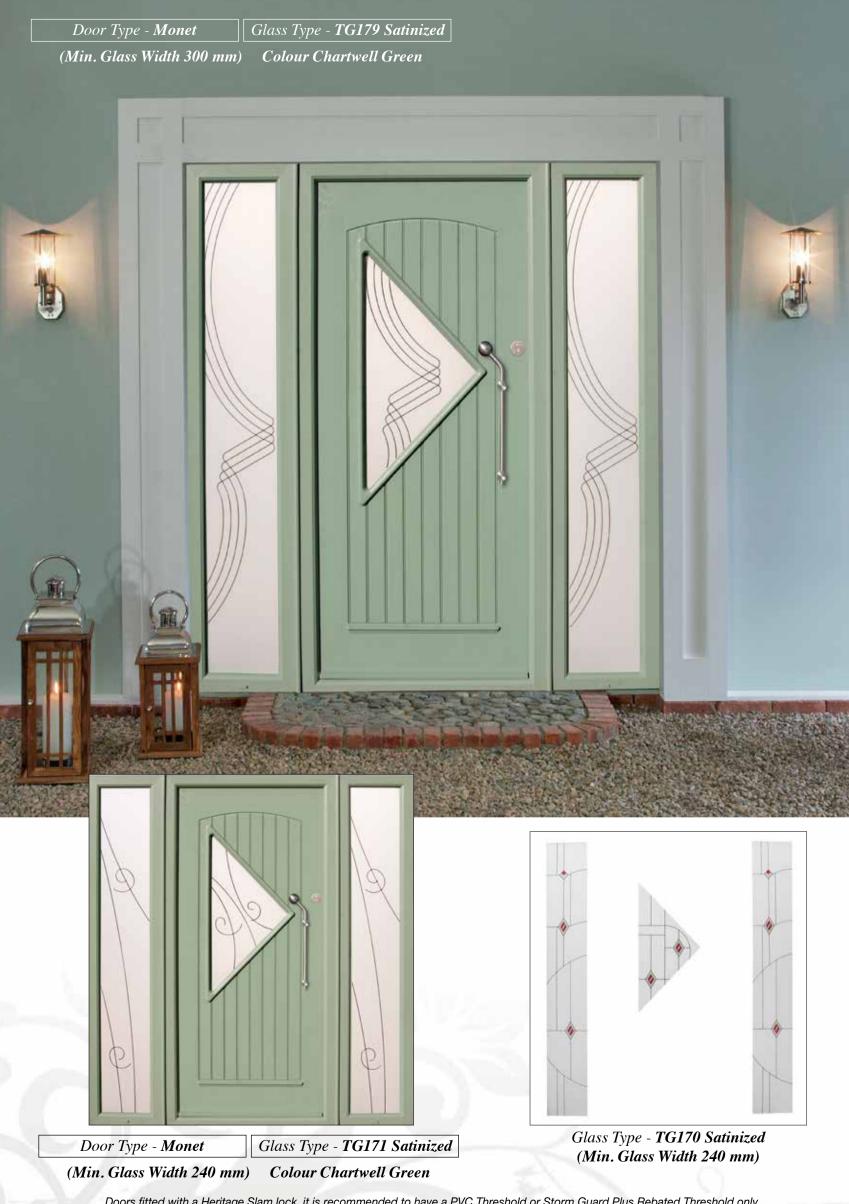
Glass Type - TG65 (Min. Glass Width 240 mm)













Door Type - **Kildare** Gla

Glass Type - TG198 Satinized



(Min. Glass Width 260 mm) Colour Anthracite Grey

Door Type - Kildare



Colour Silver Grey

Door Type - Kildare Glass Type - TG198 Satinized



Door Type - Kildare

Glass Type - **TG197** 

Glass Type - TG195 Satinized

(Min. Glass Width 140 mm) Colour Red

(Min. Glass Width 170 mm) Colour Anthracite 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 - Sunbeam 1

Glass Type - TG35

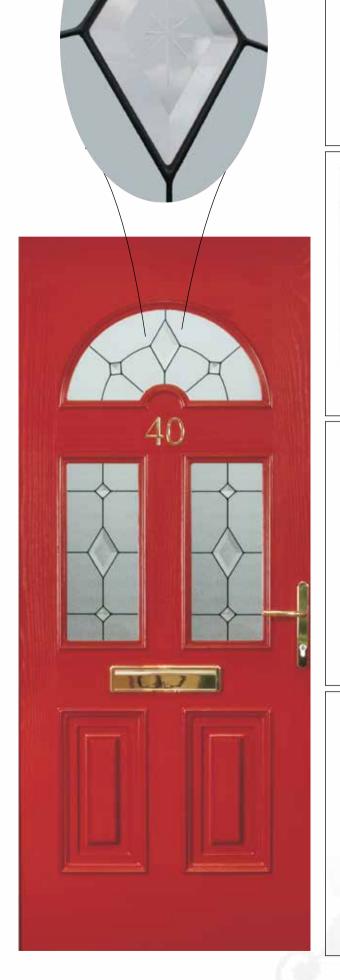
(Min. Glass Width 220 mm) Colour Bog Oak

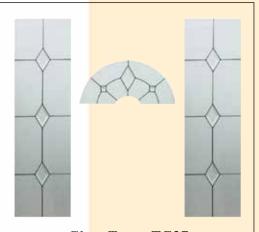


Door Type - Sunbeam 2

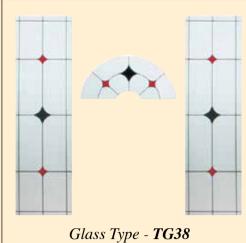
Glass Type - TG36 Satinized

(Min. Glass Width 230 mm) Colour Red

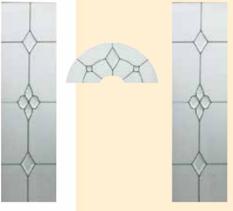




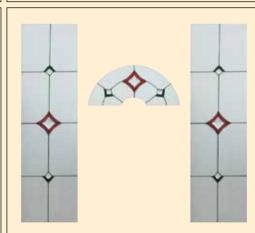
Gla<mark>ss Type - TG37</mark> (Min. G<mark>lass Width 150 mm)</mark>



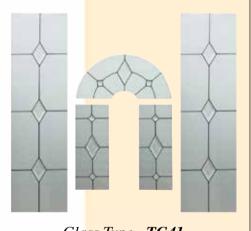
Glass Type - TG38 (Min. Glass Width 220 mm)



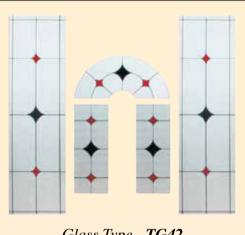
Gla<mark>ss Type - TG39</mark> (Min. G<mark>lass Width 210 mm)</mark>



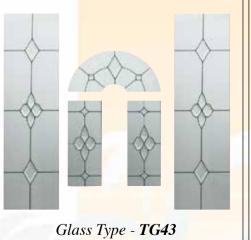
Glass Type - TG40 (Min. Glass Width 210 mm)



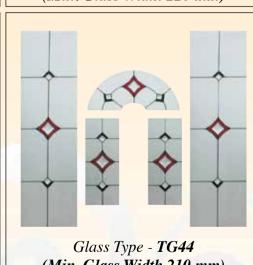
Gla<mark>ss Type - TG41</mark> (Min. Glass Width 150 mm)



Glass Type - TG42 (Min. Glass Width 220 mm)



(Min. Glass Width 210 mm)



(Min. Glass Width 210 mm)

















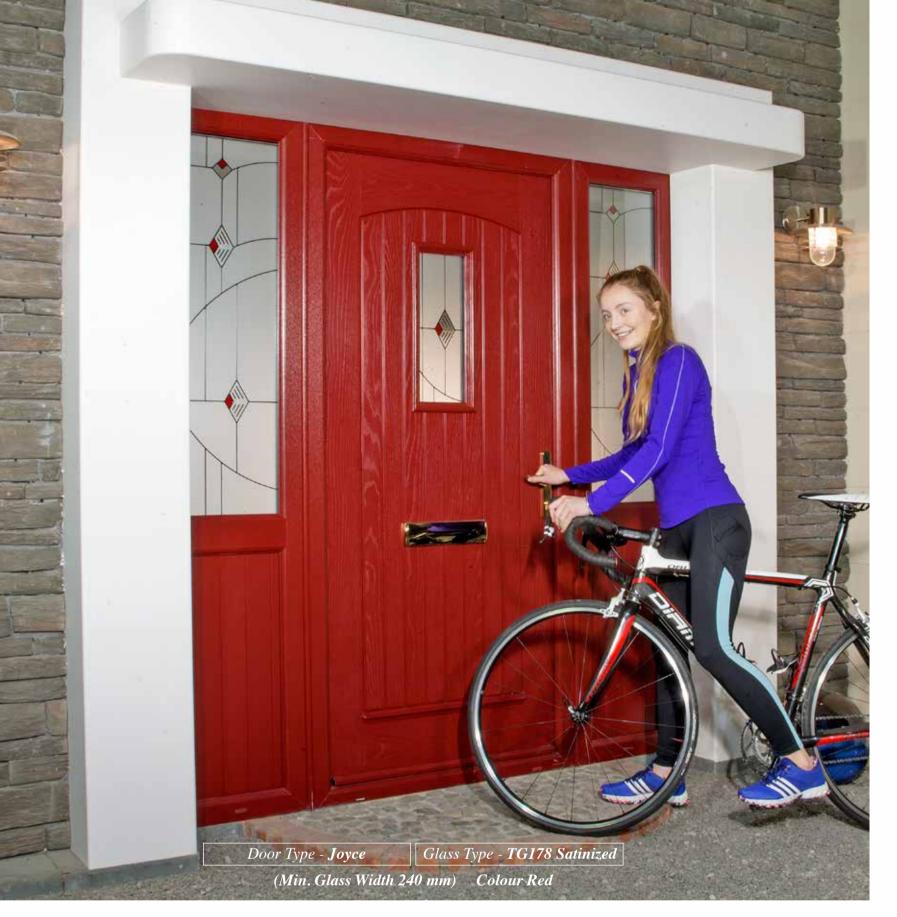








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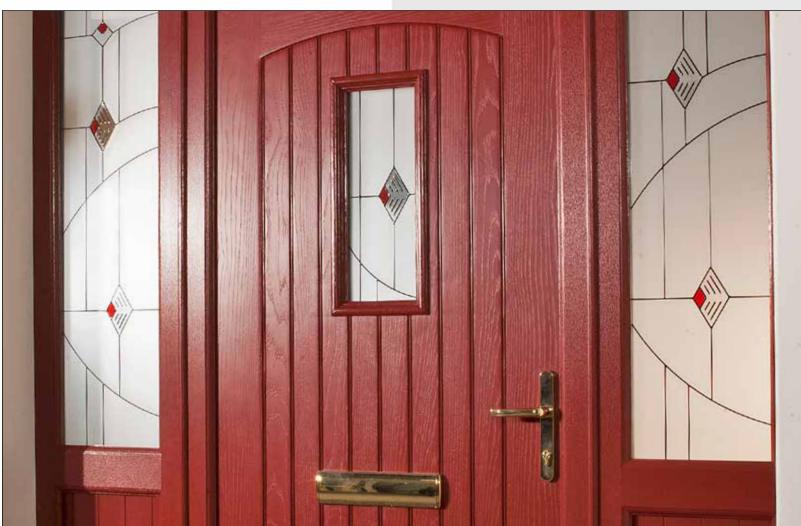




Our designer handles add a stylish and contemporary look to our doors, ensuring customer satisfaction.

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.





Door Type - **Joyce** 

Glass Type - TG178 Satinized

(Min. Glass Width 240 mm) Colour Chartwell Green



Door Type - **Joyce** 

Glass Type - TG180 Satinized

(Min. Glass Width 180 mm)



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

Door Type - T&G Solid

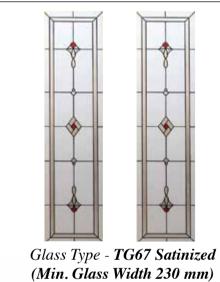
Glass Type - TG68

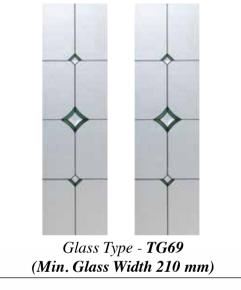
(Min. Glass Width 200 mm)

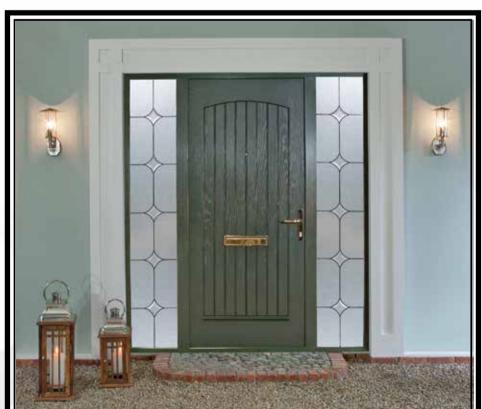
Colour Green

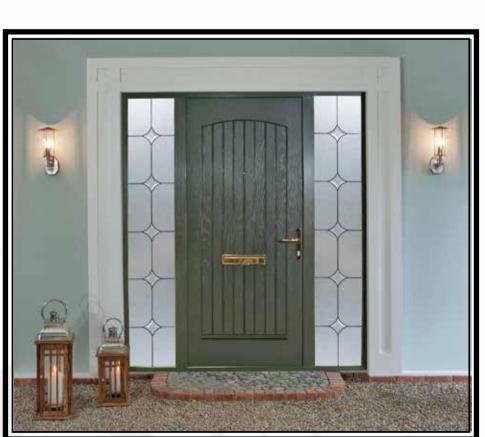


Door Type - T&G Solid Glass Type - TG66 (Min. Glass Width 210 mm) Colour Light Oak





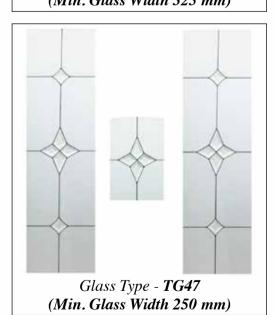






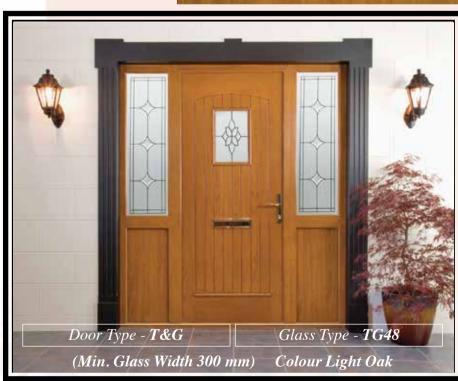
Door Type - **T&G** Glass Type - **TG45** Colour Bog Oak (Min. Glass Width 300 mm)





### T&G L<mark>ight Oak.</mark> This door demonstrates our distinctive woodgrain effect.









Door Type - **Dublin** 

Glass Type - TG158 Satinized

(Min. Glass Width 260 mm)



Door Type - **Dublin** 

Glass Type - TG160 Satinized

(Min. Glass Width 200 mm)



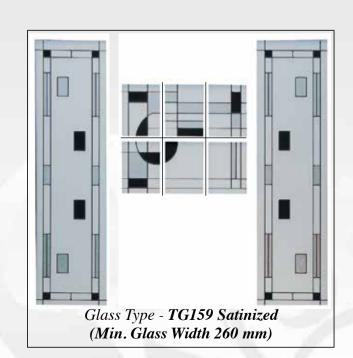
Door Type - **Dublin** 

Glass Type - TG155

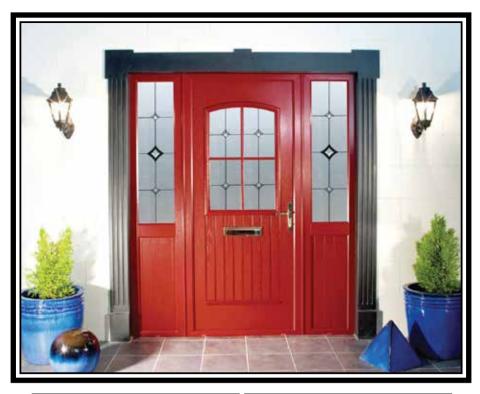
(Min. Glass Width 140 mm)



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.



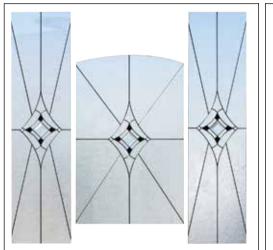




Door Type - San Tiago

Glass Type - TG59

(Min. Glass Width 210 mm) Colour Red



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



Glass Type - TG61 Satinized (Min. Glass Width 360 mm)



Door Type - Giza

Glass Type - **TG62** 

(Min. Glass Width 330 mm) Colour Rosewood







Door Type - Naples





### **Specifications**

DoorC	ollection		
Composite	65mm fibreglass reinforced Monocoque Composite Door, Patented Design protected in Europe by patent no 176617 Canadian and US Pending		
Door Colours	White, Cream, Red, Blue, Green, Bog Oak, Rosewood, Anthracite Grey, Chartwell Green, Light Oak, Silver Grey, Agate Grey and Burgundy. Please note: Half Sidelight Panels are not available in Silver Grey, Agate Grey or Burgundy.		
Double Rebate	Double rebate using two seals achieving excellent draught proofing		
Single Door Slab Size	Min. 782 mm x 1855 mm Single Door Min. 878 mm x 1951 mm 910 mm x 2095 mm With Frame Max. 1006 mm x 2191 mm Please Note: Minimum Size 858 with 57mm frame on lock side.  with low Stormguard Plus threshold, max height 2181mm, min 1942mm with low Stormguard Plus rebated, max height 2162mm, min 1922mm with low Stormguard threshold, max height 2163mm, min 1923mm with 57mm uPVC threshold, max height 2171mm, min 1931mm		
Heritage Slam Lock with Leaf Only	Less 96mm from complete door with frame Available for Liniar and Kommerling Profile only. Min Leaf Height 1900mm		
Heritage Slam Lock with Frame	Including 1200 pull handle, 600 curved handle and Slendertech handle Min Size 911 - Paris, London, Rome, Viking, Edinburgh, Seville, T&G, Picasso, Rubens, Turner, Orpen, Monet, Joyce, Oxford, Belfast Min Size 901 - Dublin, Giza, Santiago, Cambridge, Kildare		
Heritage Slam Lock and Frame with Escutcheon	Min size 916 - Georgian, Naples, Cairo, Palermo Min size 891 - Sunbeam, T&G, Paris, London, Rome, Viking, Edinburgh, Seville, Picasso, Rubens, Turner, Orpen, Monet, Joyce, Oxford, Belfast Min size 901 - San Marco, Dublin, Giza, Santiago, Cambridge, Kildare		
Warning	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		
U Value rating	Door body U Value - 0.205, Triple glaze U value - 1.1, combined U value - 0.64 Solid Door U Value including frame - 0.85 / Glazed Door U Value including frame - 0.98		
Glazing beads	Designed to be removed internally		
Triple Glazing	Triple glazed units using warm edge, available in all doors. Backing glass, available as standard in Clear, Cotswold, Minister, Stippolite and Flemish. * other obscure glass available optional extra (time delay). All satinized triple glazed units available with clear glass only.		
Lock type	2 hook 2 shootbolt 4 roller and deadlatch / Heritage Slam lock optional extra / PAS 23/24 Approved Thumb turns to be used with the Heritage Slam lock All door furniture and locks have a 12 month guarantee		
Door numerals	Supply only available 0-9 in Gold, Chrome, Black and Satin Silver		
Warning	In the event of a door being fitted behind a Glazed Patio Door, the area needs to be well vented to prevent the excessive build up of heat. Satinized and flemish glass may have imperfections as the raw material is prone to slight flaws or blemishes		
Hardware	High quality handle, letter plate, door knocker solid or with spyview, all available with 12 month warranty.  MANUFACTURED TO BS 7412. Please Note: Letterboxes can be fitted at the bottom of all doors if requested, this however is not compliant with building regulations.		
Hardware Colour	Black, Gold, Bright Chrome, Satin Silver, Smokey Chrome and White. Door knobs and doctors knocker supplied only in Gold and Chrome.		
Drainage Caps	Available in 13 colour options.		
Handle type	Lever / Lever / Pad BS 7412 and BS 1670:1998		
Handle Maintenance	Stainless pull handles must be maintained every few months with soap and water to avoid discolouration. Do not use any abrasive cleaners		
Hinge type	Rebated hinge available White, Caramel, Black and Cream		
PVC outerframe option extra*	70mm with galvanized steel reinforcing		
PVC outerframe & Sidelight colour	White, Cream, Red, Blue, Bog Oak, Green, Rosewood, Light Oak, Chartwell Green, Anthracite Grey, Burgundy, Agate Grey and Silver Grey available using 28mm triple glazed sidelights		
Threshold	Extra strong - standard and low thresholds available		
$M_{A}$	Please note, owing to the photographic and printing process used, colour may vary from the printed brochure.  Images shown are for illustrative purposes only. Actual product appearance and placement of furniture may vary		

## Accessories

# **Threshold Options**

### 77mm uPVC Full Frame Threshold

Distance from bottom of door leaf to bottom of threshold - 48mm



57mm uPVC Low Stormguard Low Aluminium Distance from bottom of **Threshold** 

Silver.

door leaf to bottom of threshold - 28mm

**Threshold** 



Distance from bottom of door leaf to bottom of threshold - 38mm. Available in Silver only.

**Threshold** 

**Stormguard Plus** 



### **Stormguard Plus Rebated Threshold**

Distance from bottom of door leaf to bottom of threshold - 20mm. Available in Silver only.



Slendertech Handle



1200mm Offset Handle 600mm Curved Handle



Distance from bottom of

door leaf to bottom of

threshold - 20mm. Available in Gold and

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.

### **Door Knockers**



Doctors Knocker Chrome



Gold



Doctors Knocker



Gold

Bright Chrome

Black



Bright Chrome



Satin Silver



Urn Knockers also available with Viewer

Doctors Knocker available only in Bright Chrome and Gold.

Smokey Chrome

### Letterbox



Black



Gold



Satin Silver



Smokey Chrome



White

### Escutcheon



Round Stainless Brushed Steel



Gold Finger Pull



Bright Chrome Finger Pull

### Door Knobs



Gold



Bright Chrome

### **Door Handles**



Black Lever

Black Lever Pad



Gold Lever



Bright Chrome Lever



Satin Silver Lever



Smokey Chrome Lever



White Lever



Gold Lever Pad



**Bright Chrome** Lever Pad



Satin Silver 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.

# Reinforcing Plastic Profile Typical Flag Hinge Hinge Wing Seals 6mm glass reinforced outer structure with solid colour Cover Our Hinge





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.



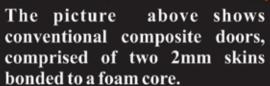
### With Your Security And Safety In Mind





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.







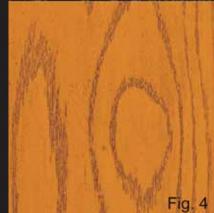
To dispel any lingering doubt you may have, we have carried out our own rudimentary test using a 4x4 vehicle.

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.







# Profile Developments

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