The Mallo Modelo Door Collection

By: Perton Windows and Interiors Ltd.











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As demonstrated below should you get tired of your door colour, it can be painted a new colour and still retain its woodgrain character. Due to the stability of the surface, paint will not crack or peel, and therefore should last for years.

The picture on the right shows a solid oak door model, from which an exact replica tool will be produced using our unique in-house tool-making facility.

This is truly a marriage of new technology and old craftsmanship producing a tool with exquisite detail.









Automated state of the art stacking system



Door manufacturing plant



Advanced robotics manufacturing



CNC routing machine



Door after routing operation













Please Note - All doors on this page available with spy view only

Door Type - Paris

Glass Type - TG72



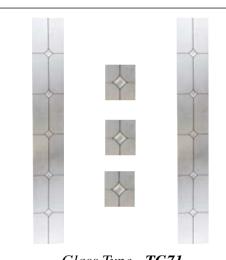
Door Type - Paris

Glass Type - TG73

(Min. Glass Width 170 mm)



Glass Type - TG70 (Min. Glass Width 240 mm)



Glass Type - TG71 (Min. Glass Width 170 mm)





Door Type - London

Glass Type - TG80



(Min. Glass Width 170 mm)

Please Note - All doors on this page available with spy view only

Door Type - Rome

Glass Type - TG91

(Min. Glass Width 180 mm)





White

Cream

Yellow

Red

Blue

Green

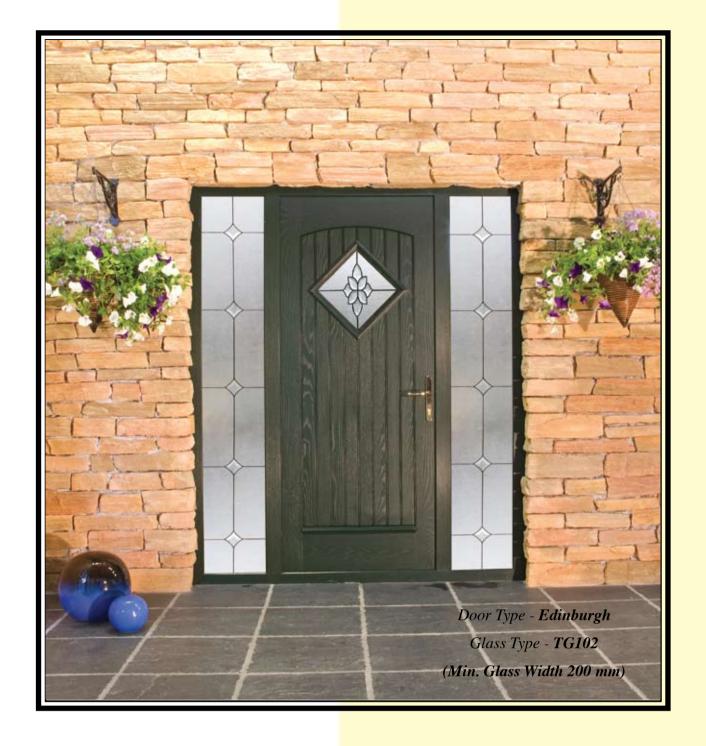
Light Oak

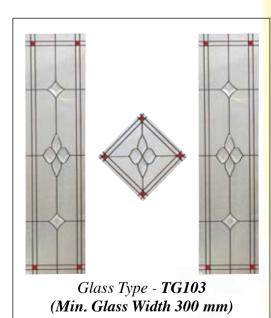
Rosewood

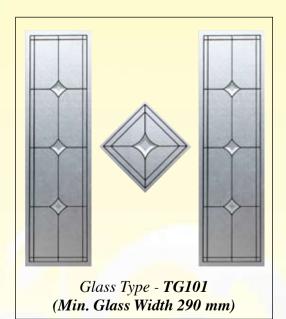
Bog Oak

3







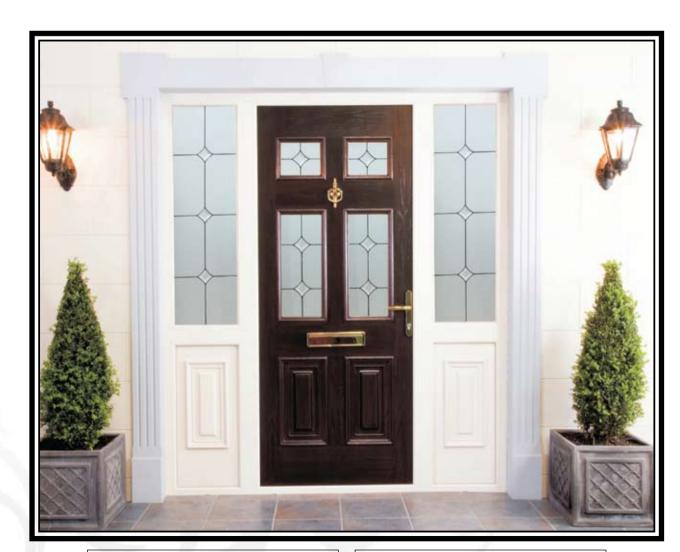




Door Type - **Georgian CD2**

Glass Type - TG7

(Min. Glass Width 240 mm)

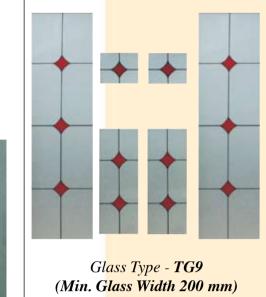


Door Type - Georgian CD2

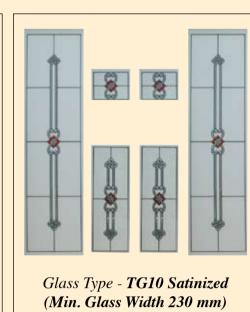
Glass Type - TG8

(Min. Glass Width 200 mm)

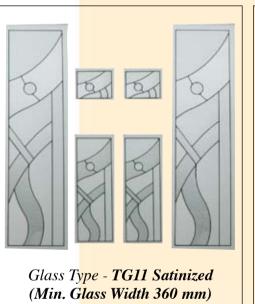


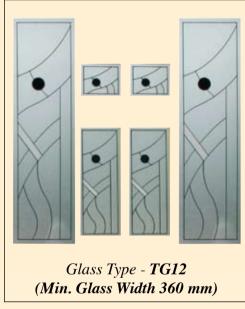


left.



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

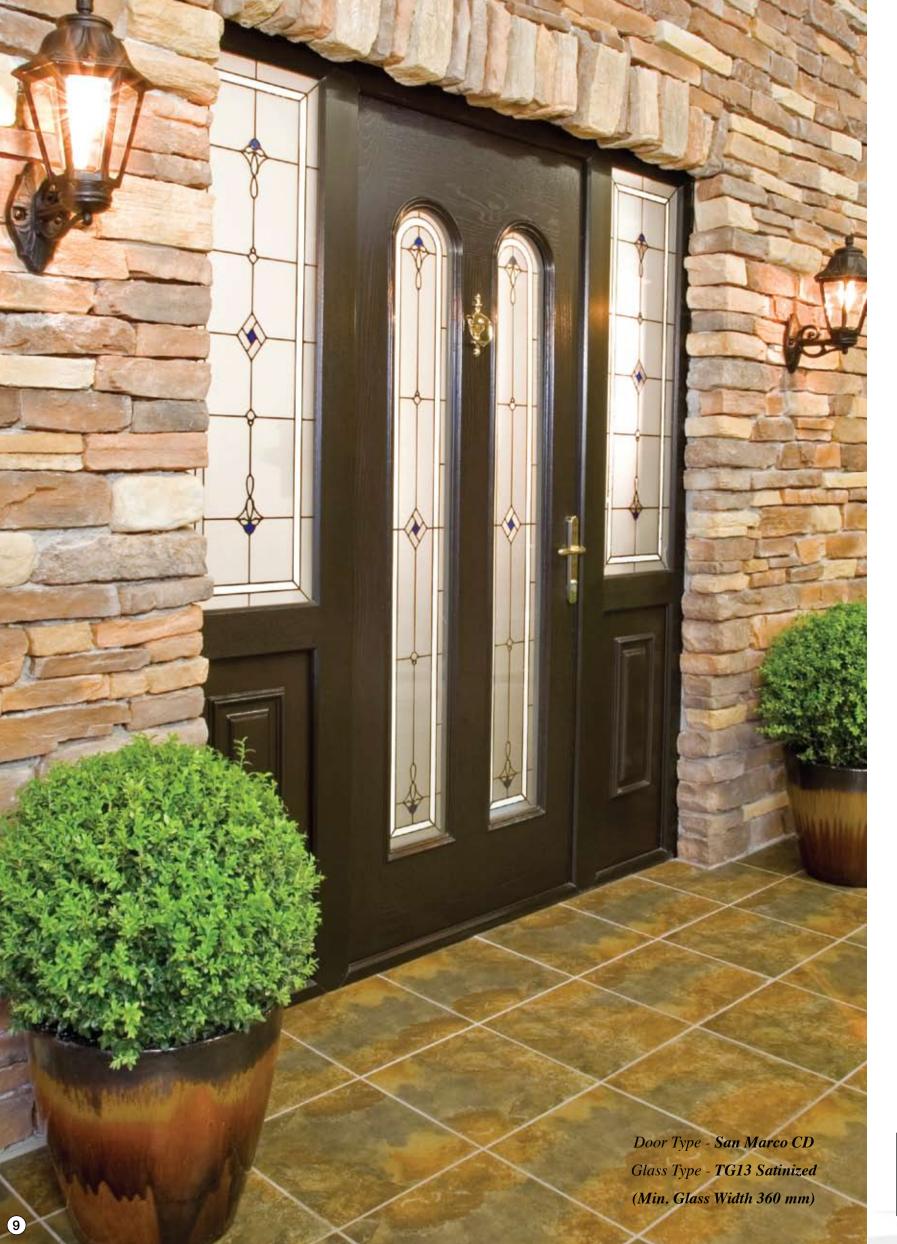








Bog Oak





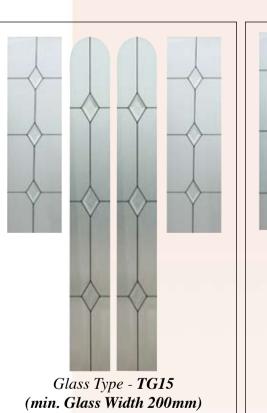


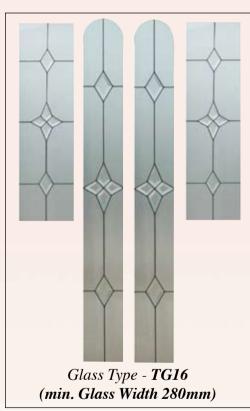


Door Type - San Marco CD

Glass Type - TG14

(Min. Glass Width 240 mm)





White

Cream

Yellow

Red

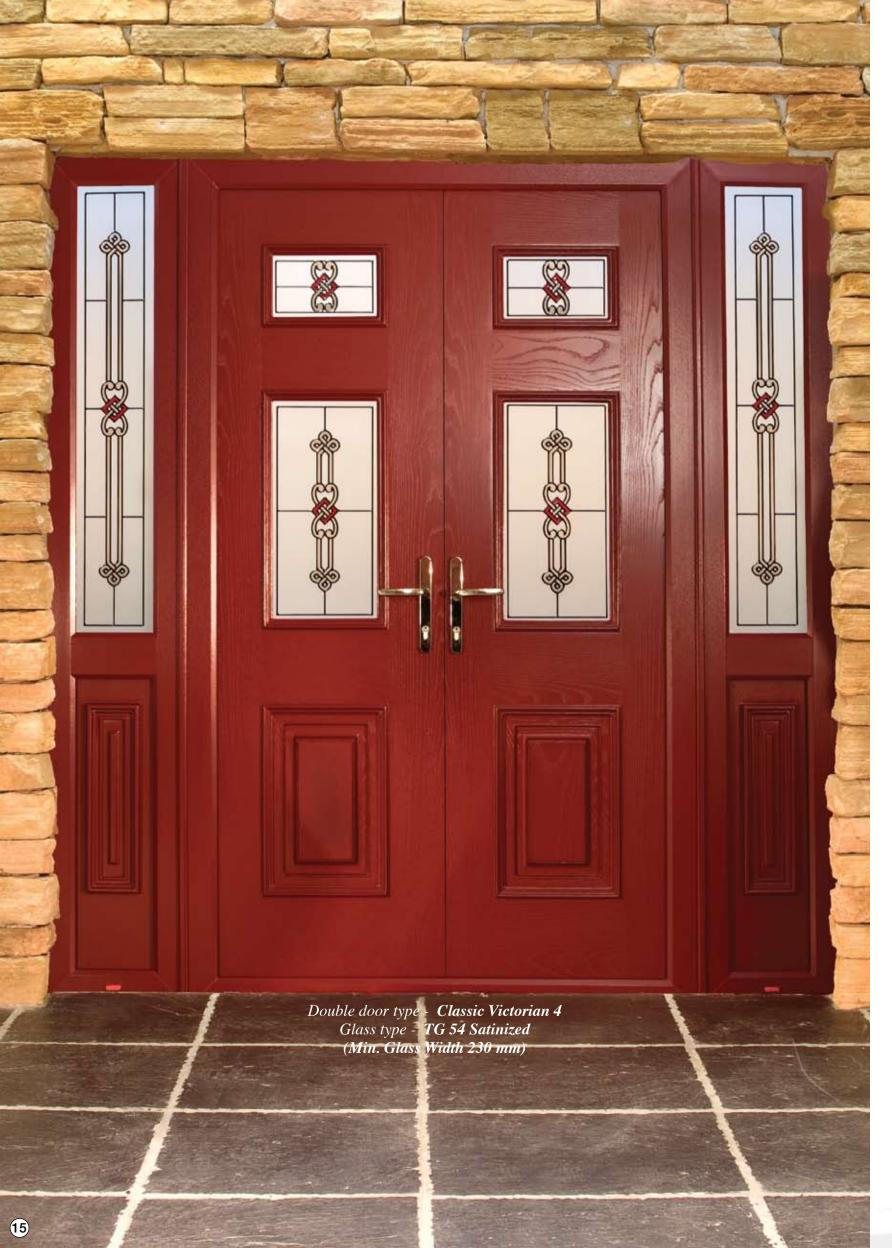
Blue

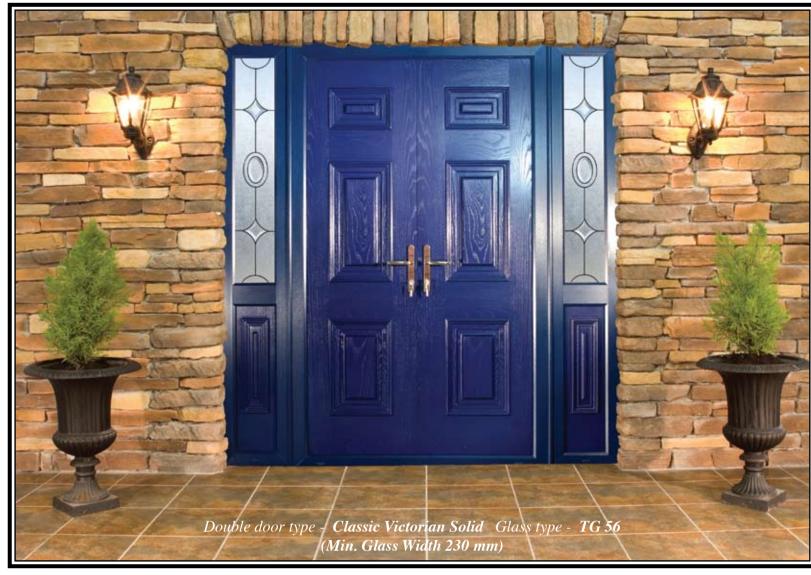
Green

Light Oak Rosewood Bog Oak

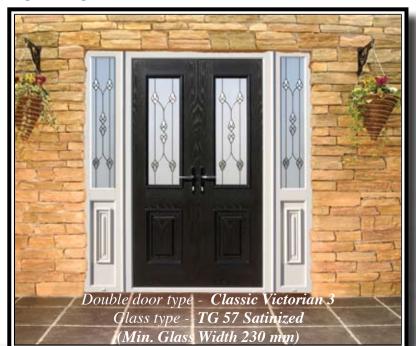








Our classic victoria double door set is the latest addition to our composite door collection. As you can see it is beautifully proportioned and is the perfect solution for anyone looking for wide access. A pair of these doors in your home makes a real statement, they are truly impressive. We have gone to a great length to ensure an authentic look. The detail of the woodgrain is perfect, for instance we do not use a plant on mullion as used in the uPVC door which always looks like a compromise solution. No, these pair of doors are a faithful reproduction of wooden doors but of course, without the attendant drawbacks associated with wood. With these doors you just fit and forget in the sure knowledge you are guaranteed by the country's largest composite door manufacturer.



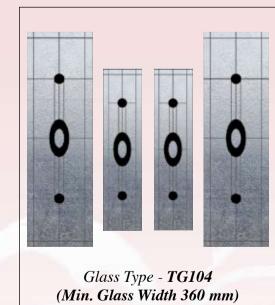












Glass Type - TG21 Satinized (Min. Glass Width 360 mm)

Light Oak Bog Oak Rosewood

White

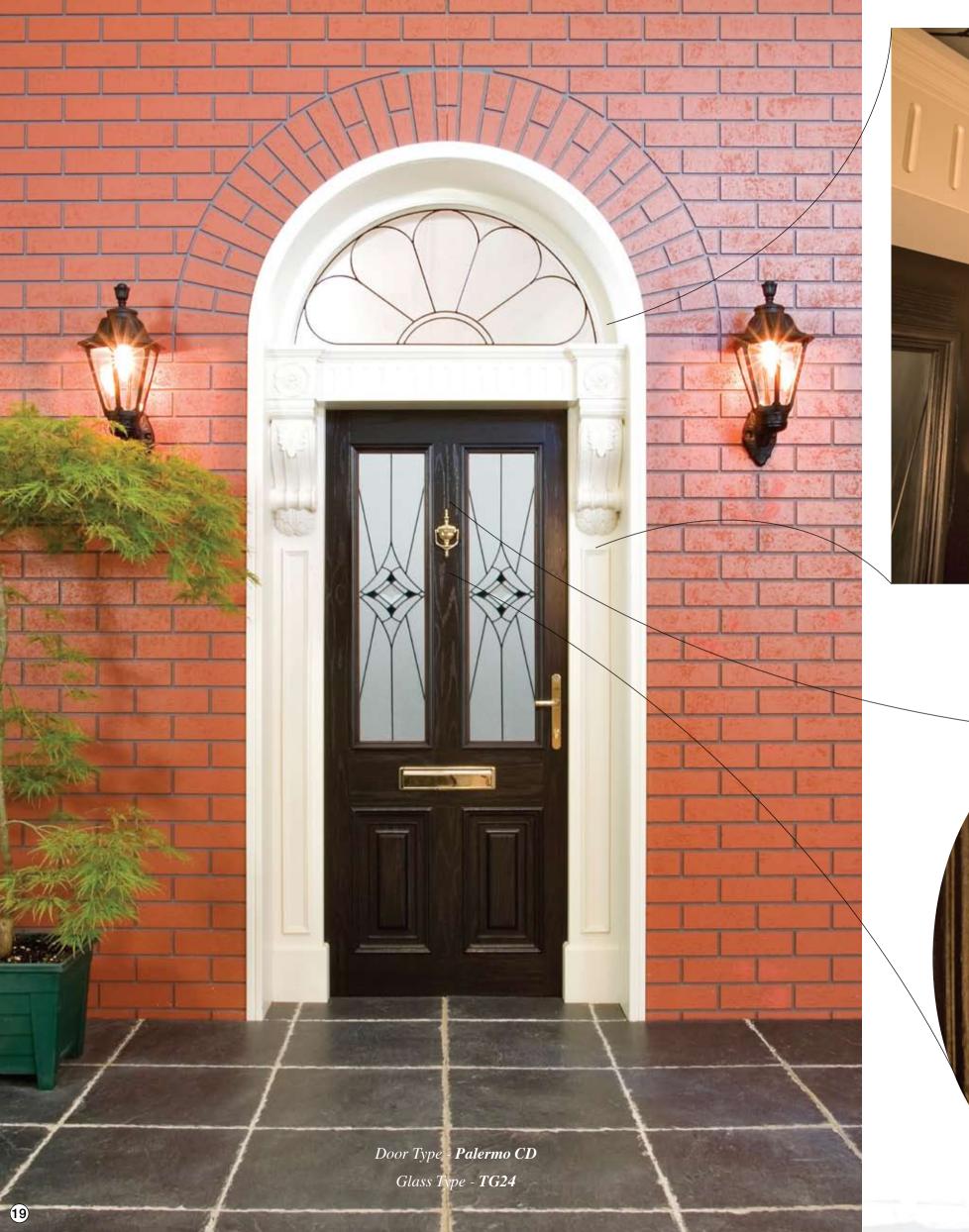
Cream

Yellow

Red

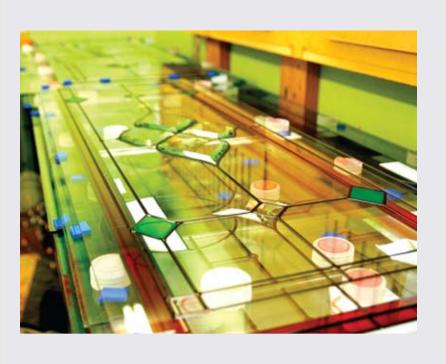
Blue

Green



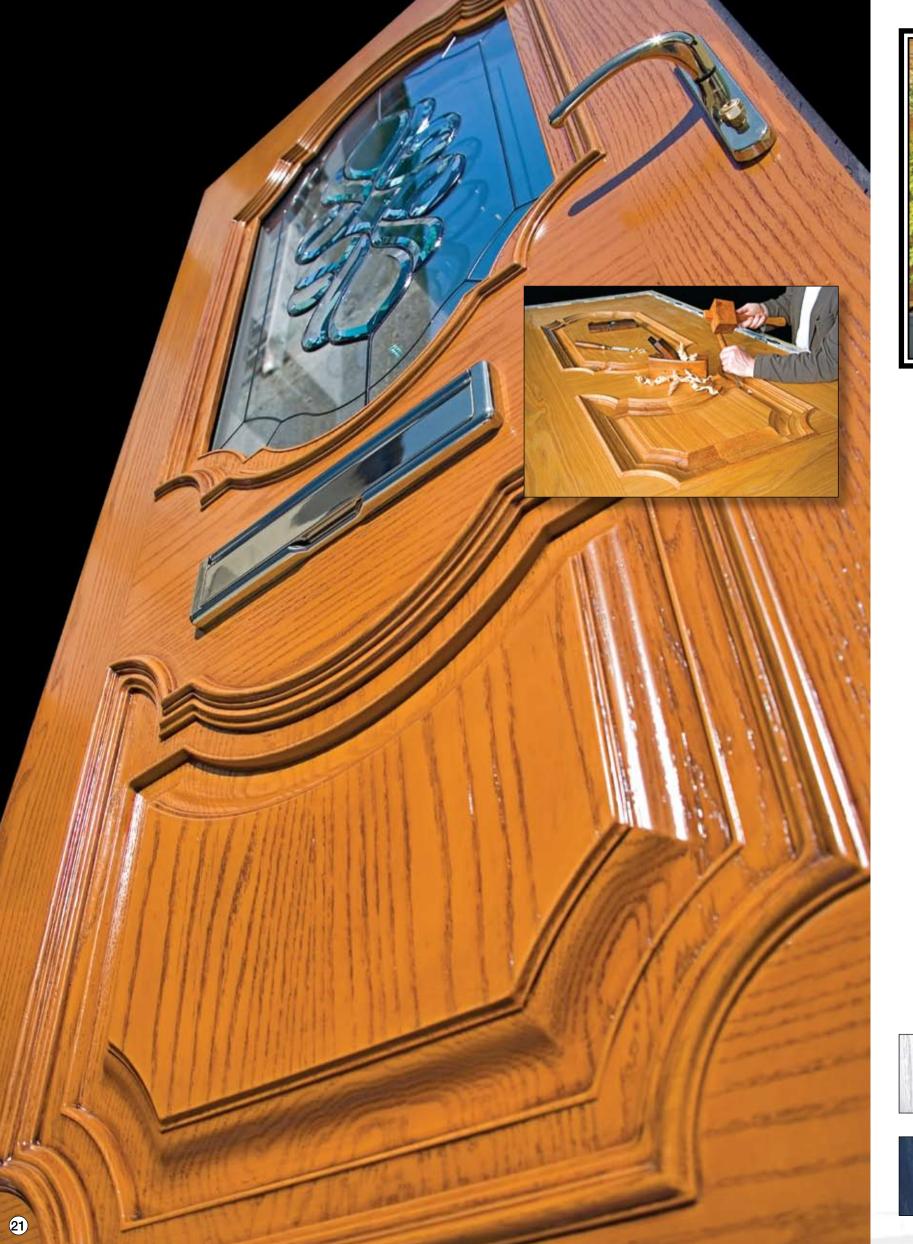














Door Type - Bordeaux CD

Glass Type - TG26

(Min. Glass Width 360 mm)





Glass Type - TG28 Satinized (Min. Glass Width 360 mm)

Red

Bog Oak





Door Type - Bordeaux CD

Glass Type - TG29

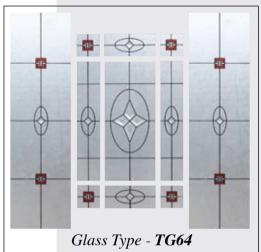
(Min. Glass Width 242 mm)



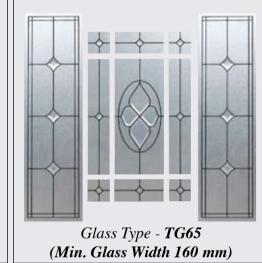


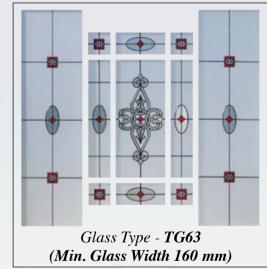


Glass Type - TG63 Satinized Door Type - Cairo (Min. Glass Width 160 mm)



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









Door Type - Cairo

Glass Type - TG53 Satinized

(Min. Glass Width 160 mm)







White

Blue

Cream

Green

Yellow

Light Oak

Red

Rosewood



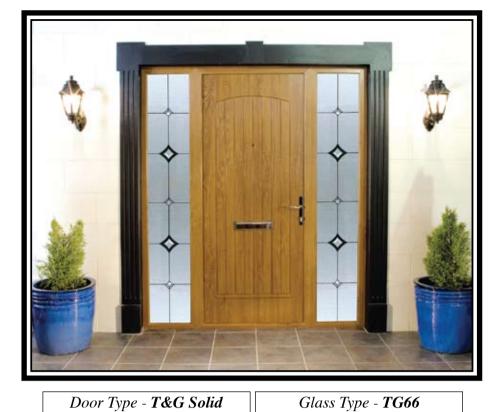


Please Note - T&G Solid available only with Viewer or Door Knocker with Viewer

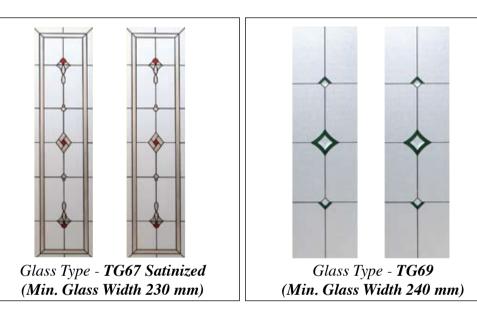
Door Type - T&G Solid

Glass Type - TG68

(Min. Glass Width 220 mm)

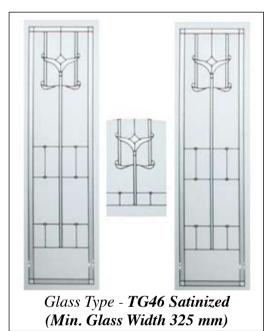


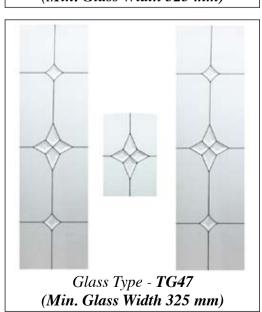
(Min. Glass Width 240 mm)





Door Type - T&G CD (Min. Glass Width 300 mm)







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

effect.





Rosewood



27)

Bog Oak

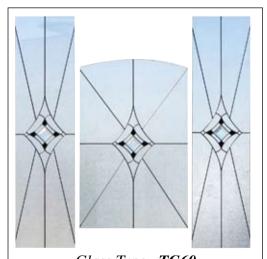




Door Type - San Tiago

Glass Type - TG59

(Min. Glass Width 240 mm)



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 360 mm)







Door Type - Carthage CD

Glass Type - TG52

(Min. Glass Width 360 mm)

On the left above we have a fine example of a large cluster showing all its facets. Pictured below are some single bevels and small clusters to choose from.





Green

Blue



Rosewood



This photograph shows the exquisite detail of the

Obscure Glass

woodgrain effect on this door.

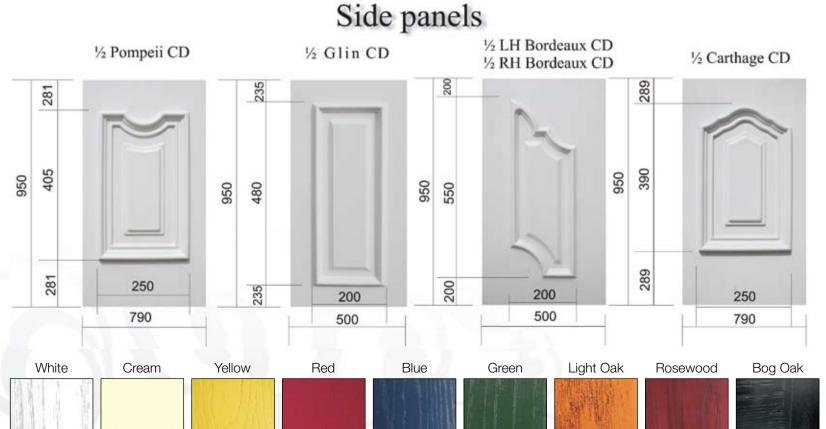


Stippolyte



Minster

Door Type - Naples CD



Accessories





82mm uPVC Full Frame Threshold

Distance from bottom of door leaf to bottom of threshold - 53mm

56mm uPVC Low **Threshold** Distance from bottom of door leaf to bottom of threshold - 27mm

Door Furniture - black, chrome, gold









Specifications

Composite	65mm fibreglass reinforced Monocoque Composite Door, Patented Design protected in Europe by patent no 1766176, Canadian and US Pending White, Cream, Red, Blue, Green, Bog Oak, Yellow, Rosewood and Light Oak Double rebate using two seals achieving Excellent draught proofing	
Door Colours		
Double Rebate		
Single Door Slab Size	Min. 782 mm x 1855 mm Single Door Min. 888 mm x 1961 mm Max. 910 mm x 2095 mm With Frame Max. 1016 mm x 2201 mm Please Note: with low AMS Aluminium. threshold, max height 2186mm, min 1946mm with low stormguard threshold, max height 2168mm, min 1923mm With 56mm uPVC threshold, max height 2175mm, min 1935mm	
Double Door Slab Size	Min. 1085 mm x 1850 mm Double Door Min. 1190 mm x 1956 mm Max. 1465 mm x 2095 mm With Frame Max. 1570 mm x 2201 mm Please Note: Low Alu, threshold not available. With 56mm uPVC threshold, max height 2175 mm, min 1935 mm	
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). Please note Pompeii, Carthage and Bordeaux available double glazed with Georgian bar only. All satinized triple glazed units available with clear glass only.	
Lock type Security rating	2 hook 2 shootbolt 2 roller and deadlatch PAS 23/24 APPROVED AND SECURED BY DESIGN	
Door numerals	Supply only available 0-9 Gold, Black and Chrome colour	
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.	
Hardware	High quality handle, letter plate, door knocker solid or with spyview MANUFACTURED TO BS 7412	
Hardware Colour	Gold, Black, Chrome and White	
Handle type	Lever / Lever / Pad BS 7412 and BS 1670:1998	
Hinge type	Rebated hinge available White, Caramel, Black and Cream	
PVC outerframe option extra*	60mm with galvanized steel reinforcing	
PVC outerframe & Sidelight colour	White, Cream, Red, Blue, Green, Bog Oak, Rosewood and Light Oak available using 28mm triple glazed sidelights	
Threshold	Extra strong - standard and low threshold available	
	Please note, owing to the photographic and printing process used, colour may vary from the printed brochure.	

With your security and safety in mind









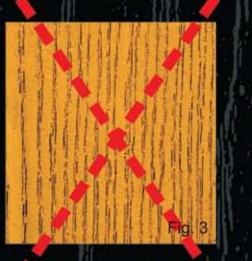
We start with the project design then manufacture the machine we require and finally manufacture the product

Figure 1 shows the oak pattern from which the final mould will be produced.

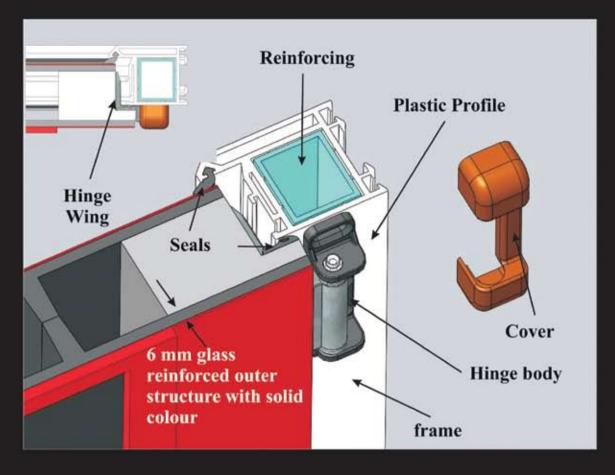
Figure 2 shows finished door from the original tooling.

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.









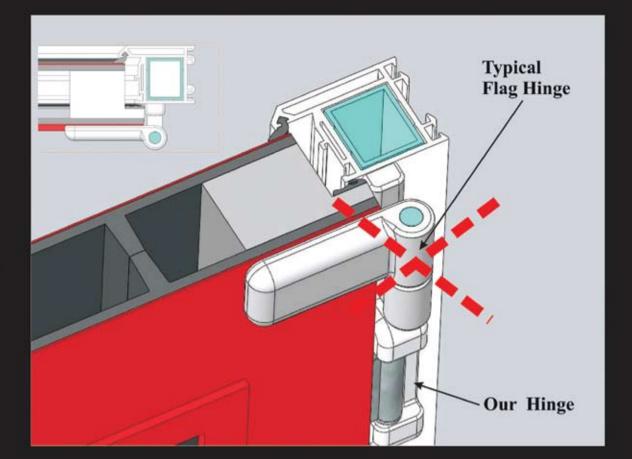


This 3D generated photo demonstrates the advantage of our unique hinge. As is evident from the above picture, this hinge is not attached to the outside of the door, and therefore enhances the appearance of the door, unlike a more conventional flag hinge - as seen on the right. Double seal and rebate.



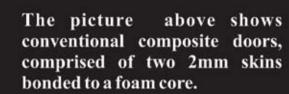
Here you see our superior MONOCOQUE structure and the advantage it holds over its competitors as demonstrated on the opposite page.













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



www.PalladioCollection.com



