



*Palladio Door
Collection*

www.palladiocollection.ie

*Palladio Door
Collection*
by

BLARNEY
windows systems

Dear Customers,

We at Blarney Windows Systems are proud to present our newest range of composite doors. With the research and development that has gone into the latest generation of composite doors we feel we have a product that is unsurpassed in the industry.

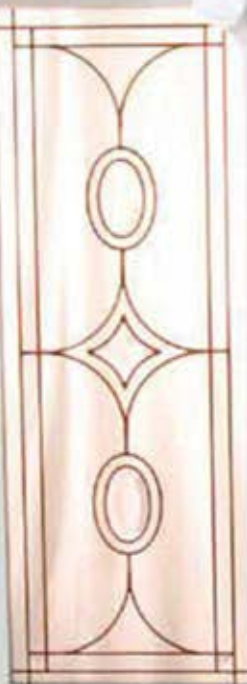
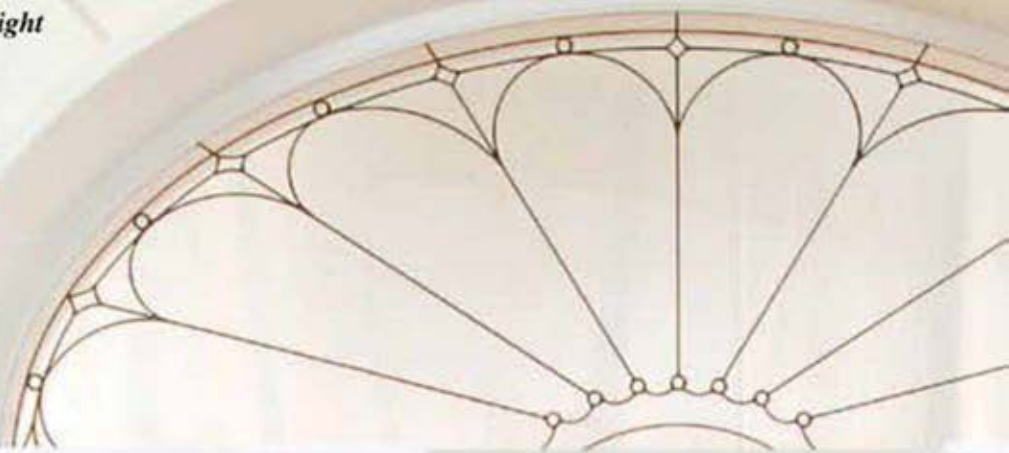
The approach to this was innovative and radical. The composition of the door differs from all others in its monocoque structure. This structure gives it a massive strength to weight ratio. Apart from the monocoque design there are a lot of other innovative features to these doors. For instance, the hinge used to hang the door was designed and manufactured exclusively for these doors, so it is visually concealed unlike the more commonly used flag hinge. The finish on the doors is also a unique point as these doors realistically replicate the finish of an authentic oak door better than any other doors available today. Another feature of the doors is their excellent U value rating of 0.205 as tested by the "Lambda" testing method. In addition to this, all glass used in these doors is triple glazed and we use edgetech seals to ensure the lowest possible U value of 0.7.

Finally we would like to thank our loyal customers and we would also like to reiterate our commitment to our customers to supply only the best products with the best workmanship available. And thank you for your continued support.

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Glass Type - TG6 Fanlight

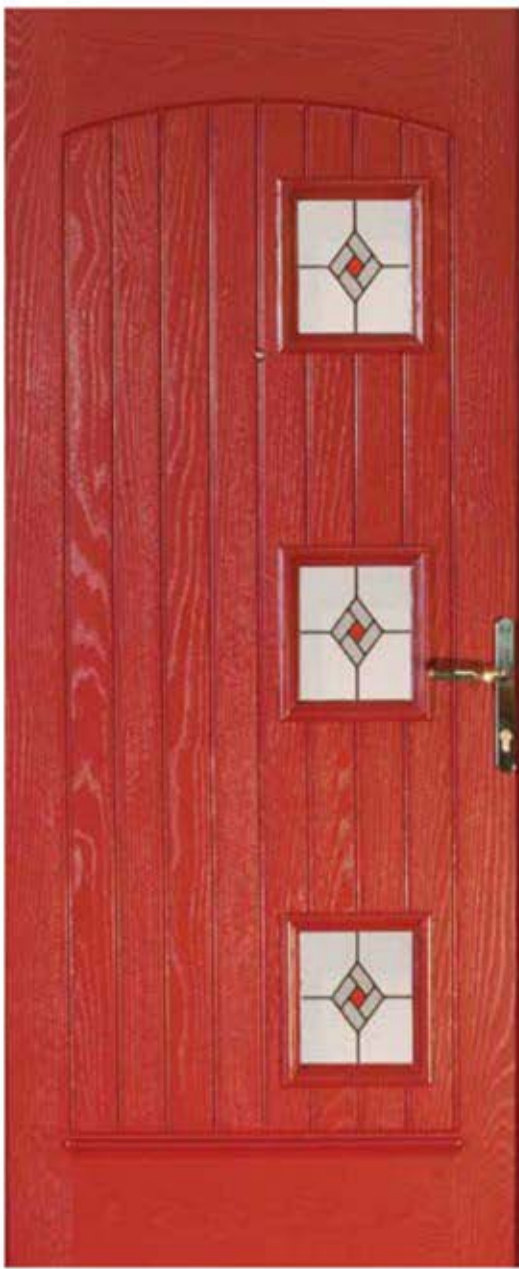


Door Type - Georgian CD Solid

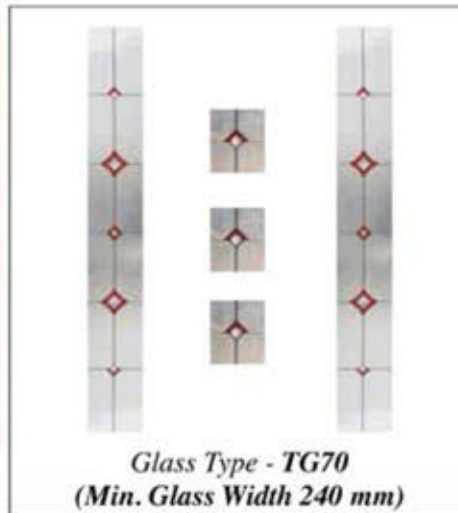
Glass Type - TG5

(Min. Glass Width 360 mm)





Door Type - Paris *Glass Type - TG73 Satinized*
 (Min. Glass Width 170 mm)



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



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

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

Door Type - Paris
Glass Type - TG72 Satinized
 (Min. Glass Width 240 mm)

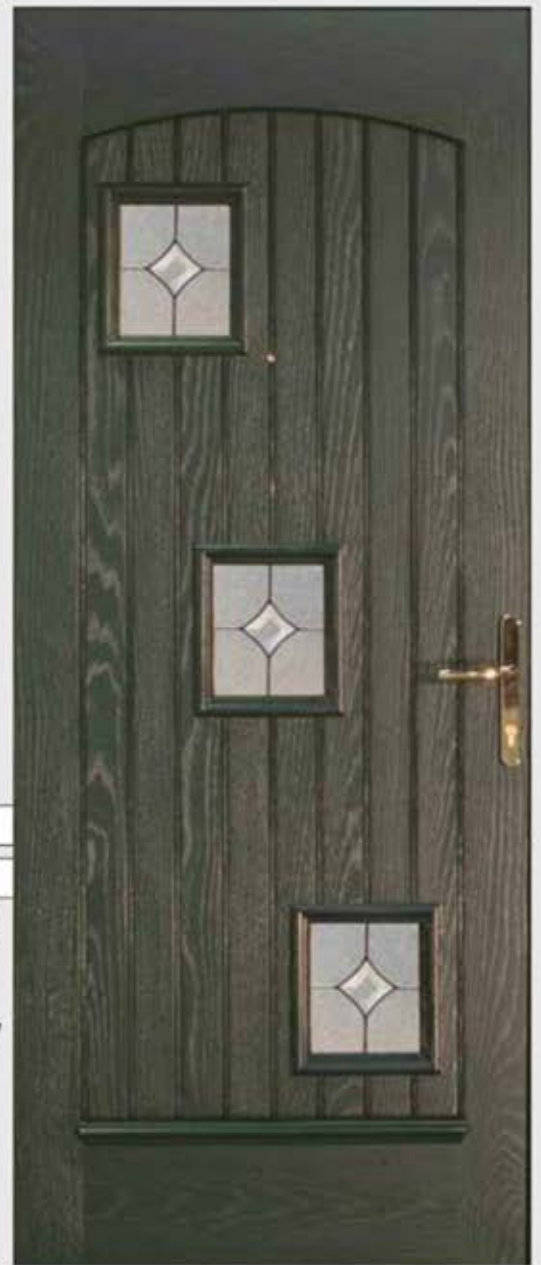




Door Type - London

Glass Type - TG80

(Min. Glass Width 240 mm)



Door Type - London

Glass Type - TG81

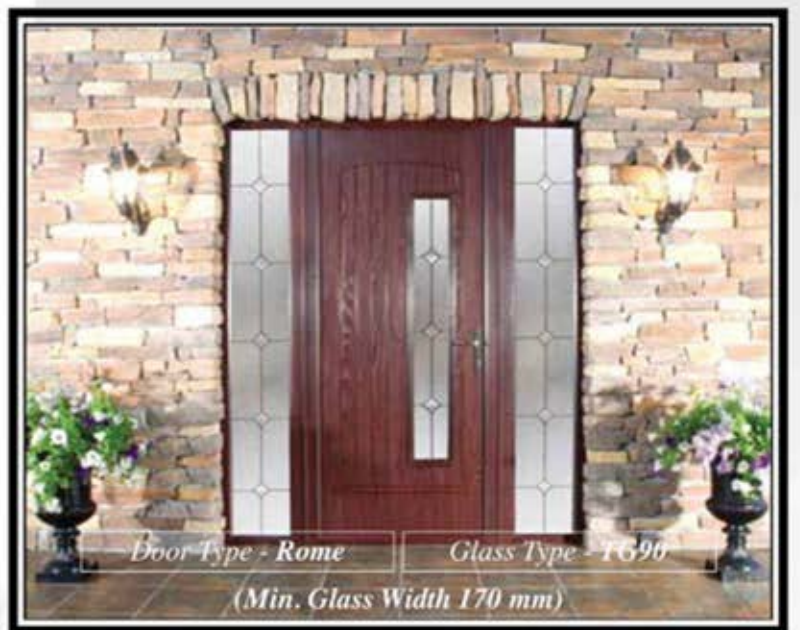
(Min. Glass Width 170 mm)

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

Door Type - Rome

Glass Type - TG91 Satinized

(Min. Glass Width 180 mm)



Door Type - Rome

Glass Type - TG90

(Min. Glass Width 170 mm)

White

Cream

Red

Blue

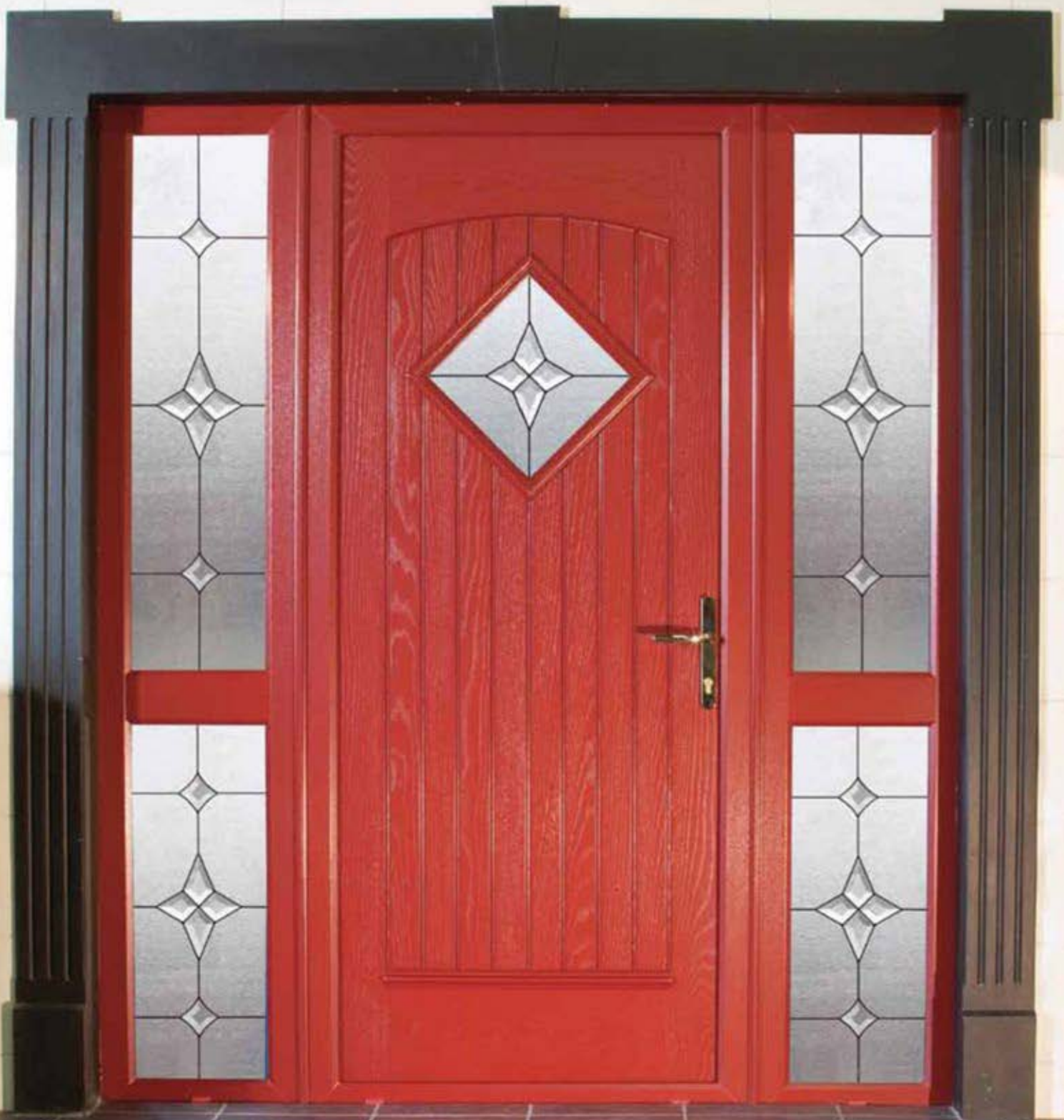
Green

Light Oak

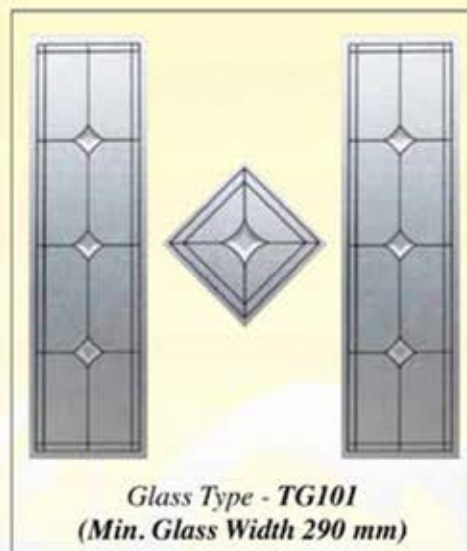
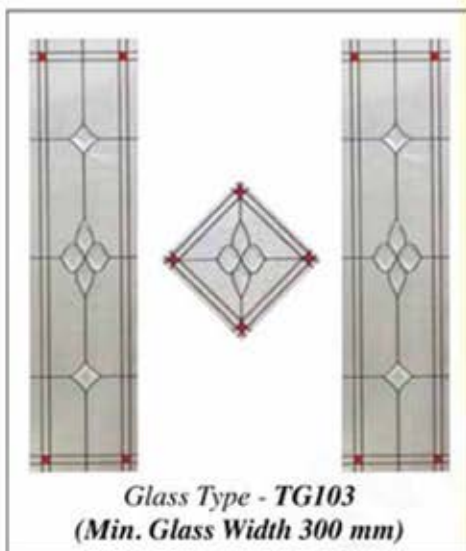
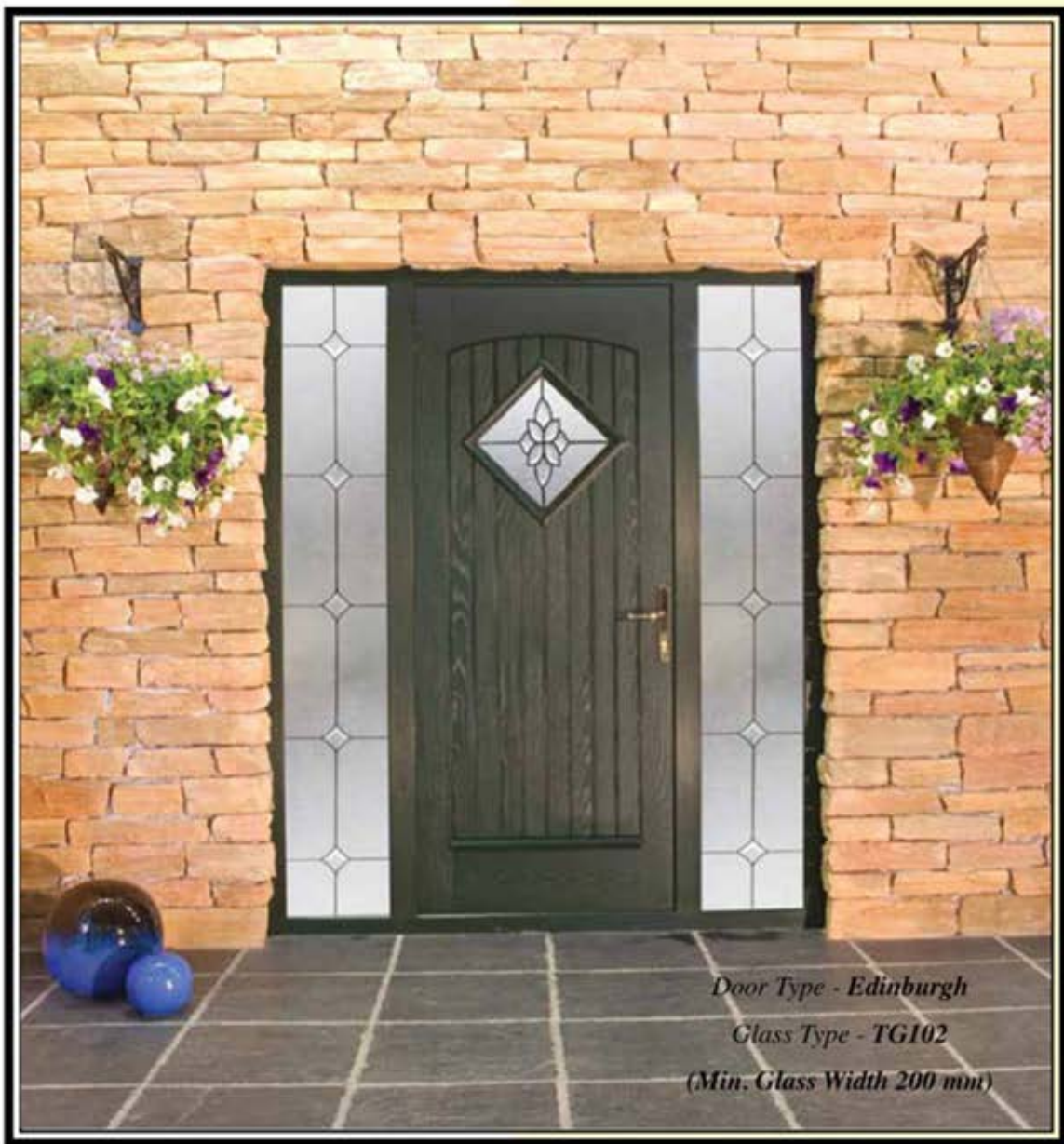
Rosewood

Bog Oak





*Door Type - Edinburgh
Glass Type - TG100
(Min. Glass Width 280 mm)*





Door Type - Georgian CD2

Glass Type - TG7

(Min. Glass Width 240 mm)

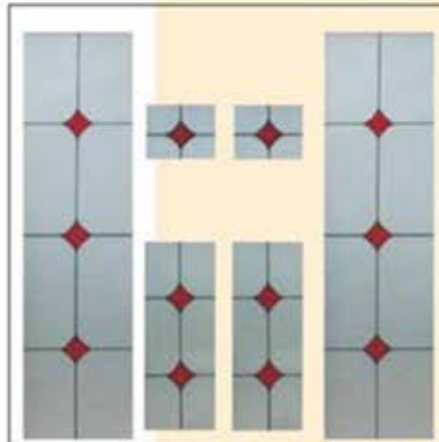
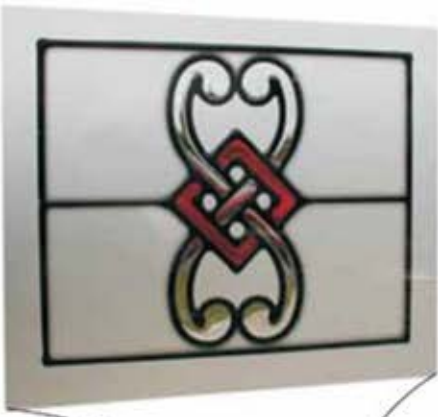


Door Type - Georgian CD2

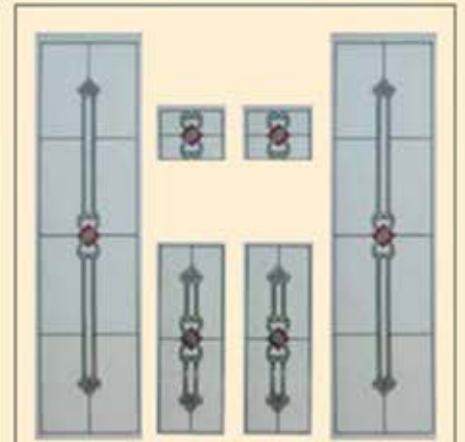
Glass Type - TG8

(Min. Glass Width 200 mm)

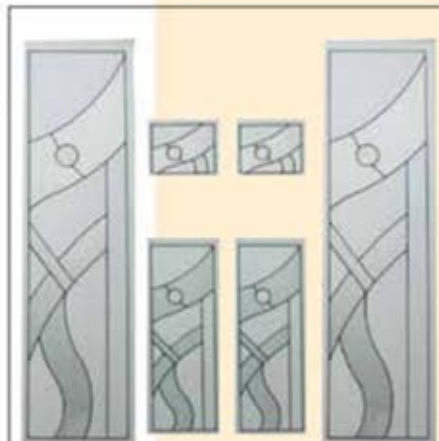
A fine example of our satinized glass for doors and sidelights. This product is produced in-house and is quite unique in its crystal-like appearance as is evident in the picture on the left.



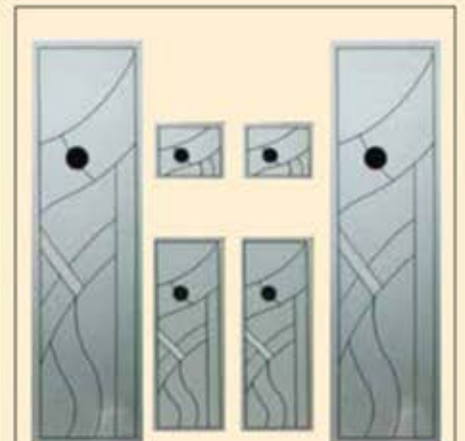
Glass Type - TG9
(Min. Glass Width 200 mm)



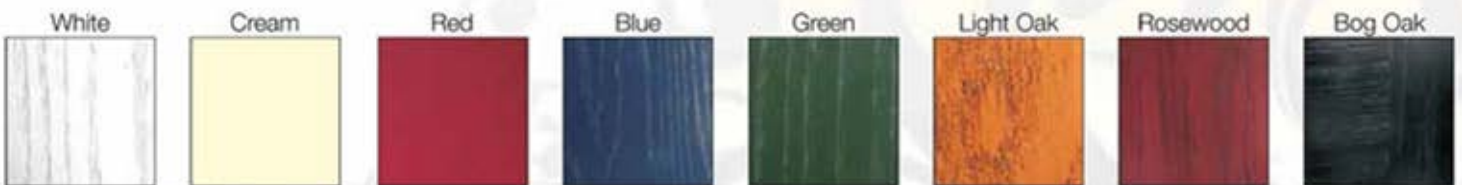
Glass Type - TG10 Satinized
(Min. Glass Width 230 mm)



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



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





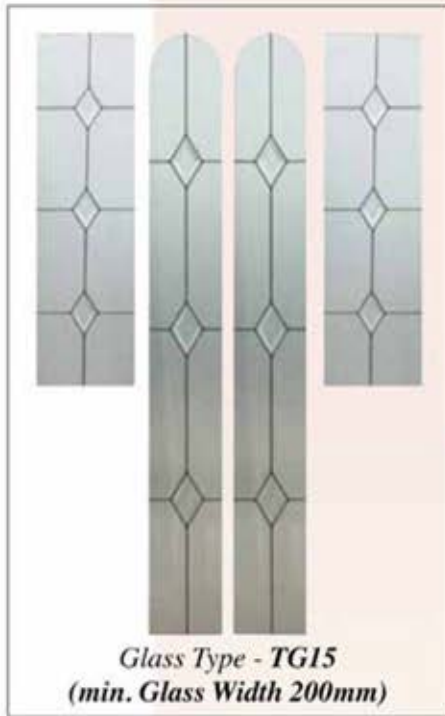
*Door Type - San Marco CD
Glass Type - TG13 Satinized
(Min. Glass Width 360 mm)*



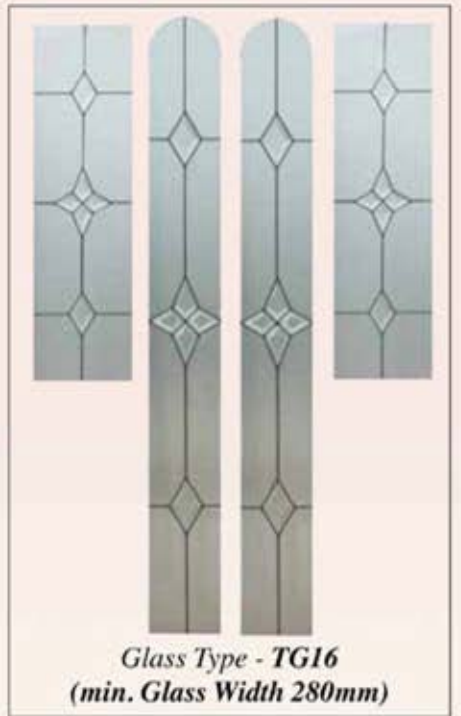
Door Type - San Marco CD

Glass Type - TG14

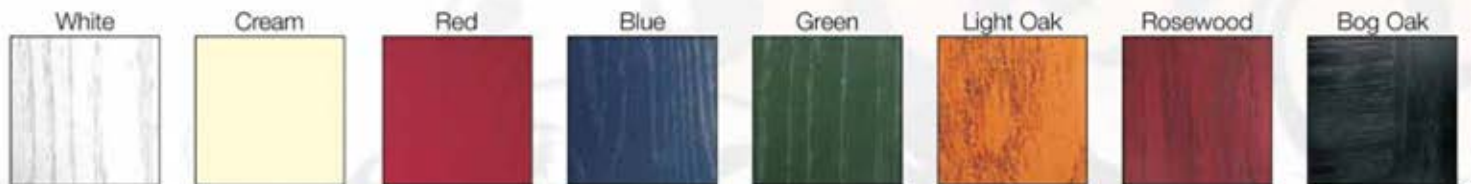
(Min. Glass Width 240 mm)



*Glass Type - TG15
(min. Glass Width 200mm)*



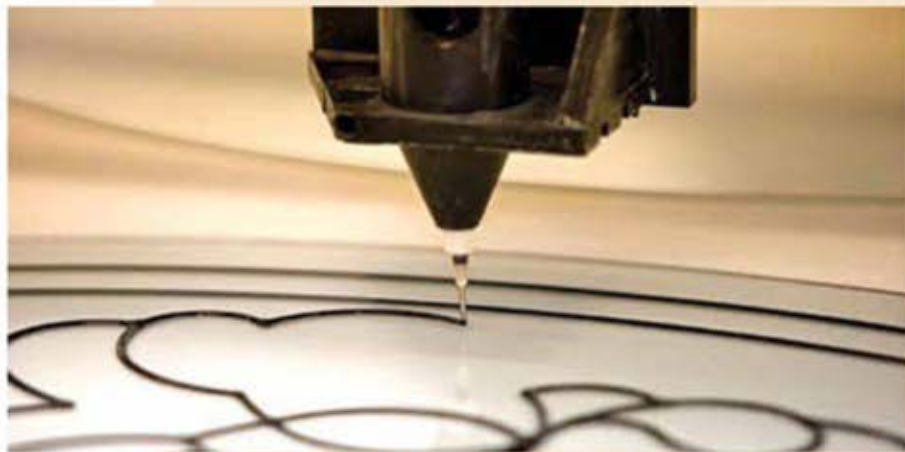
*Glass Type - TG16
(min. Glass Width 280mm)*



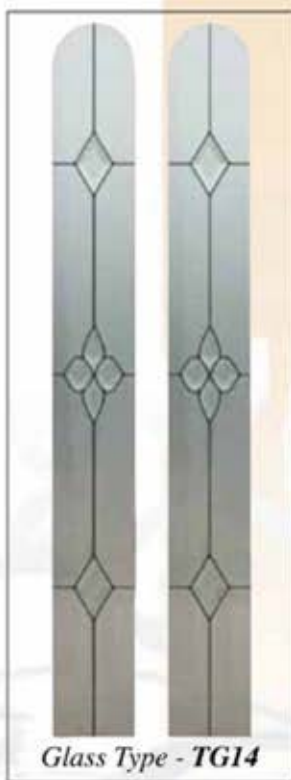
Glass Type - TG17 Fanlight



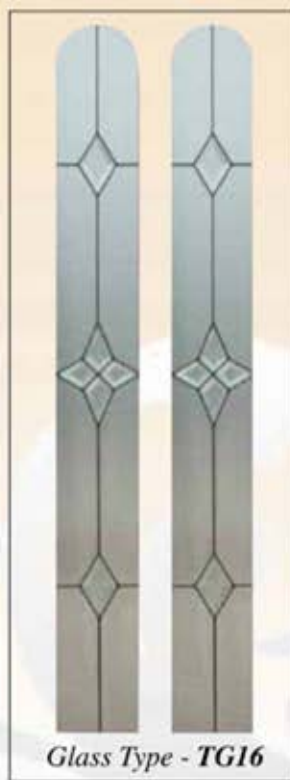
Door Type - San Marco CD
Glass Type - TG13 Satinized



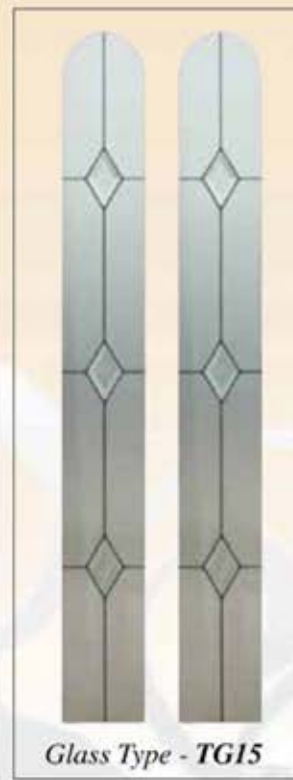
Door Type - San Marco CD Soild



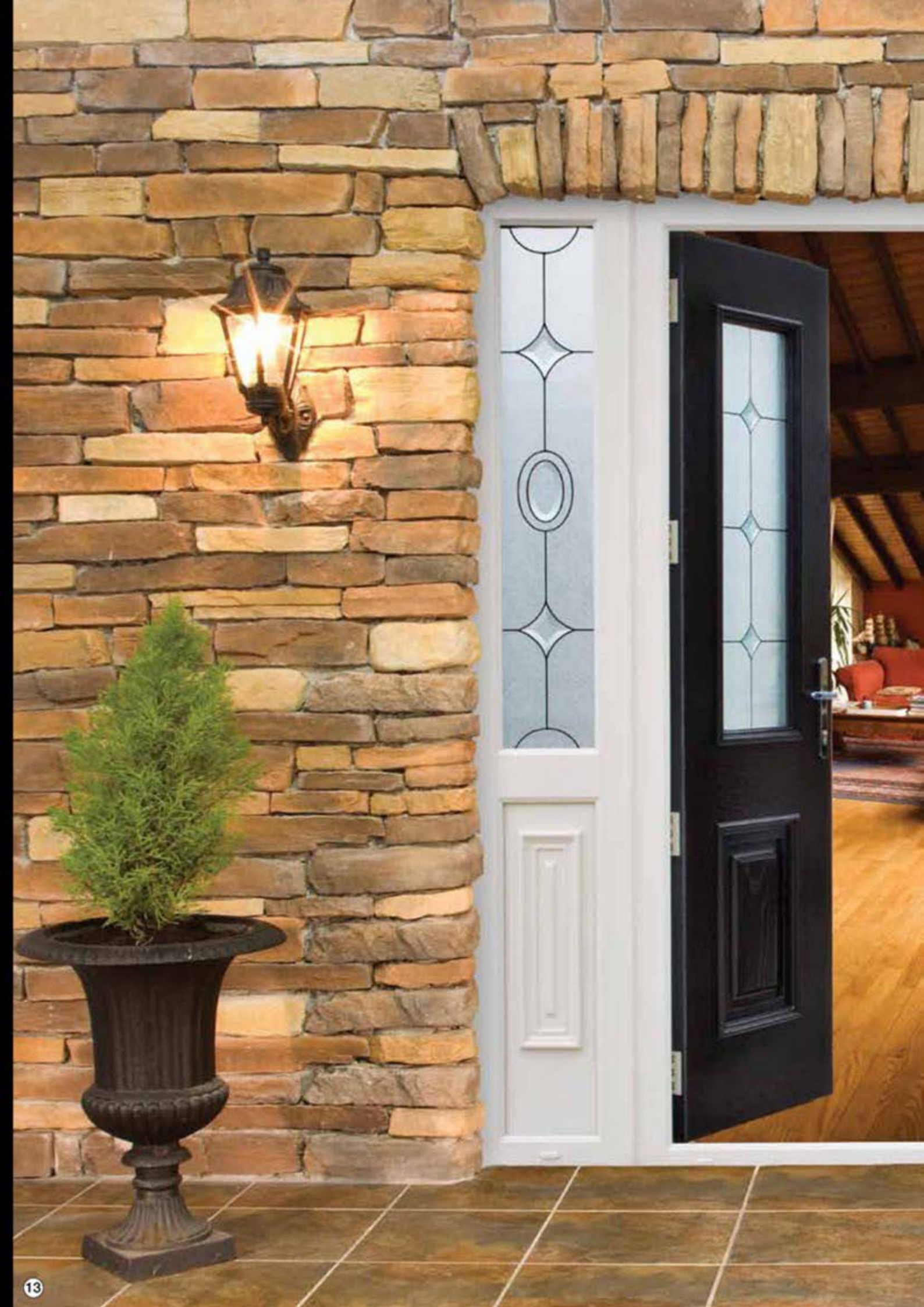
Glass Type - TG14



Glass Type - TG16

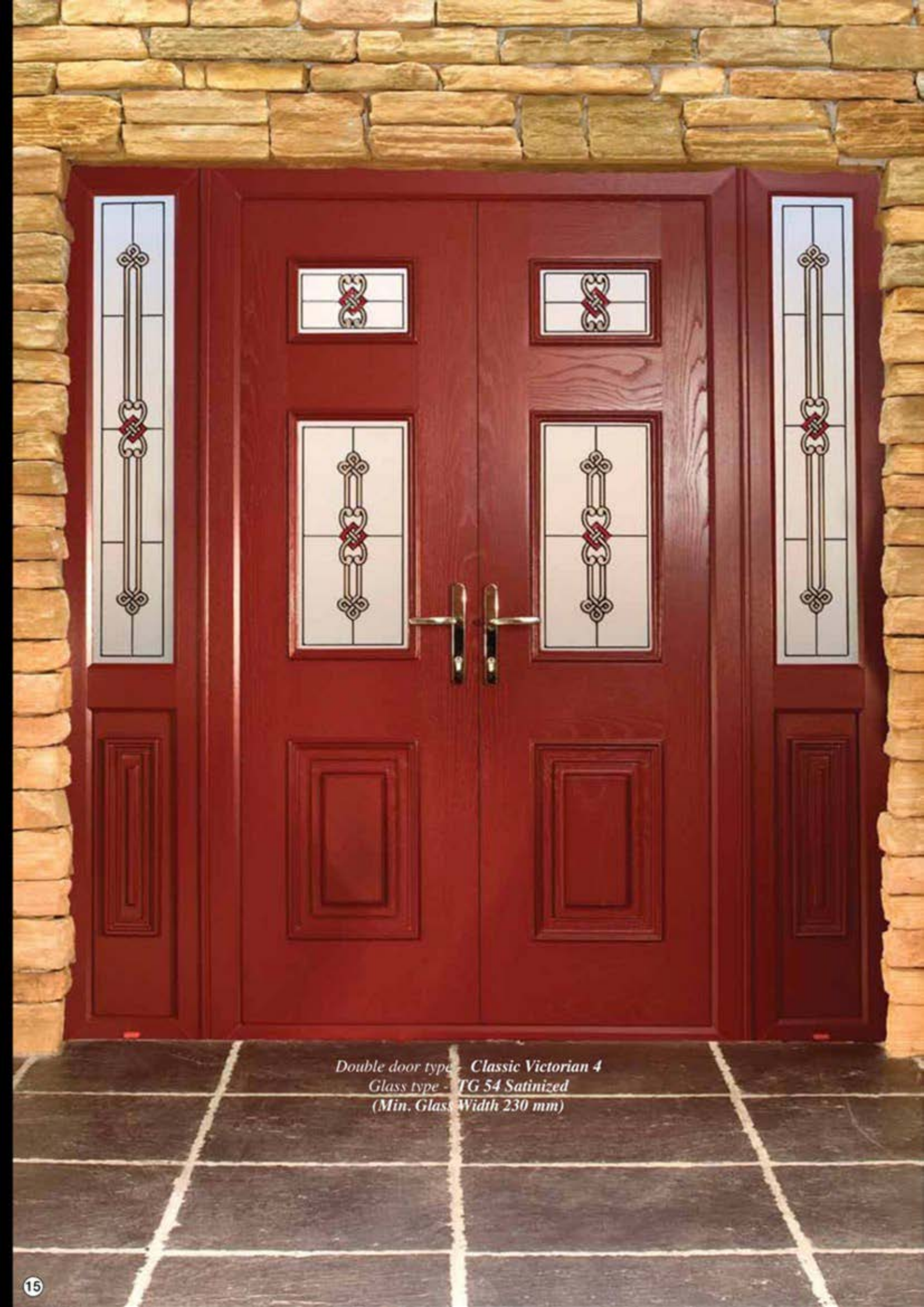


Glass Type - TG15





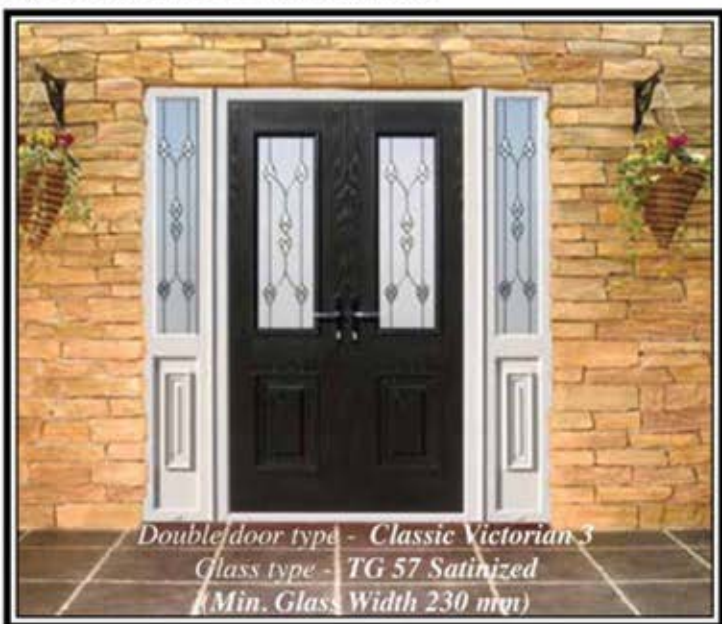
*Door type - Classic Victorian 3 with TG55 glass Sidelight glass TG56
(Min. Glass Width 230 mm)*



*Double door type - Classic Victorian 4
Glass type - TG 54 Satinized
(Min. Glass Width 230 mm)*



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.

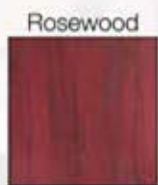
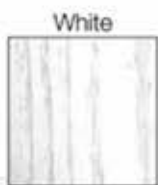
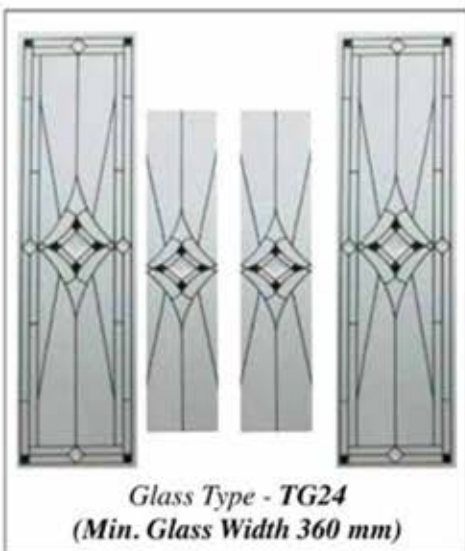
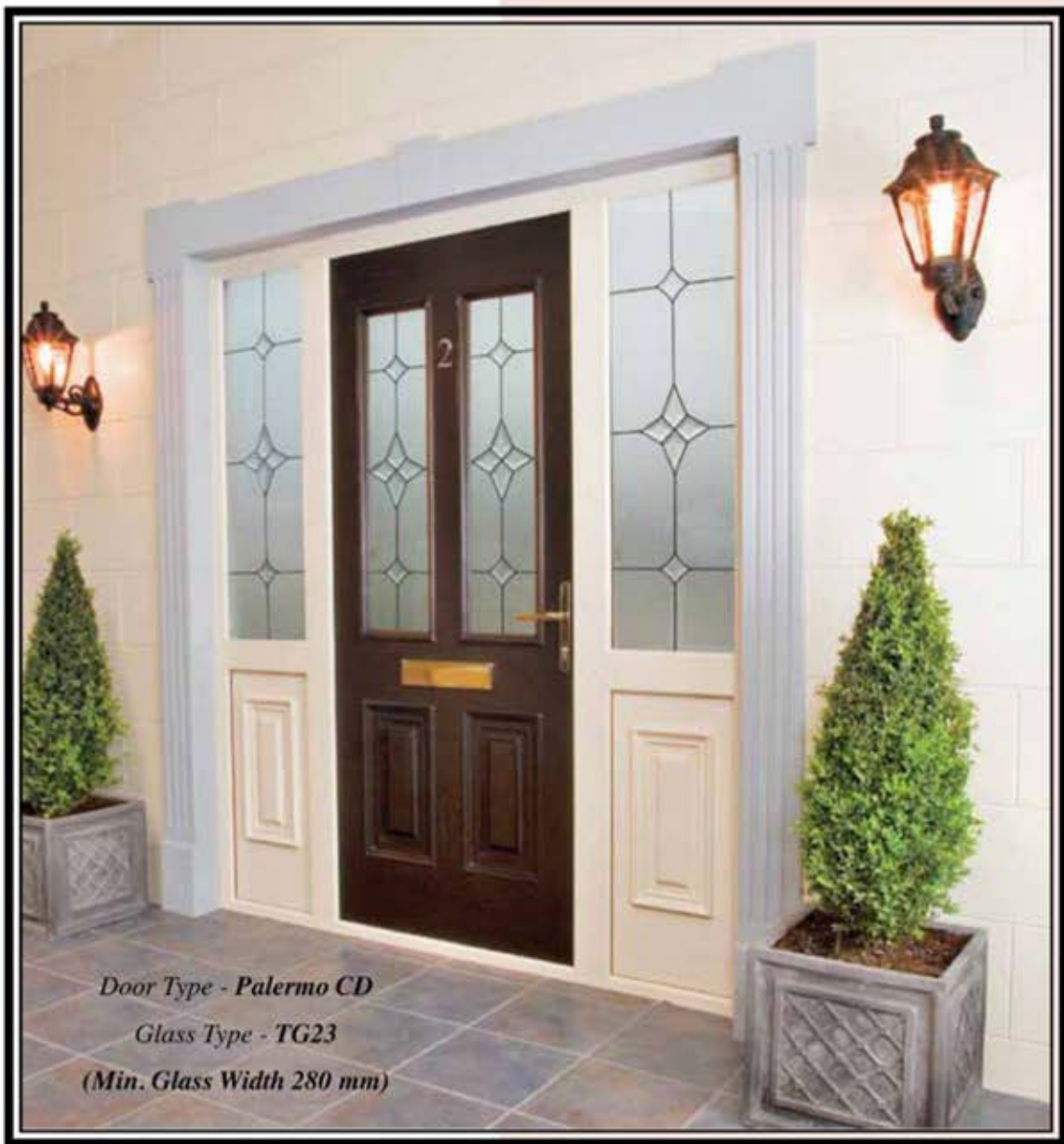




*Door Type - Palermo CD
Glass Type - TG110 Satinized
(Min. Glass Width 230 mm)*



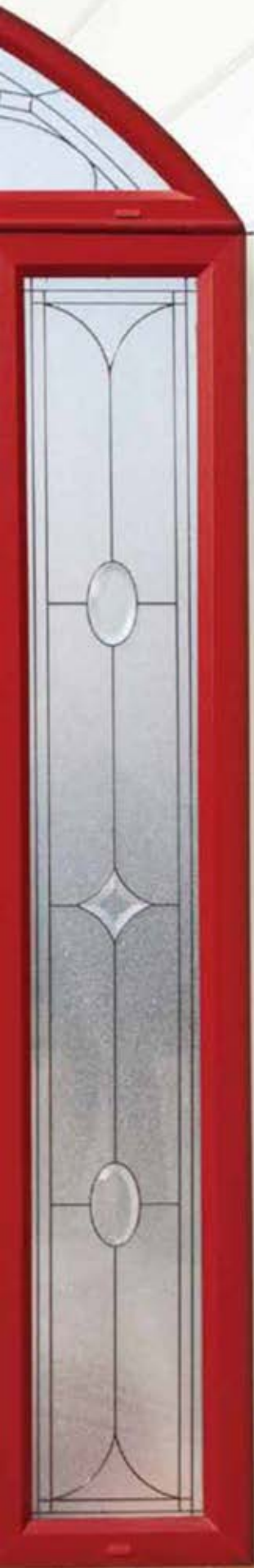
*Door Type - Palermo CD
Glass Type - TG104
(Min. Glass Width 360 mm)*



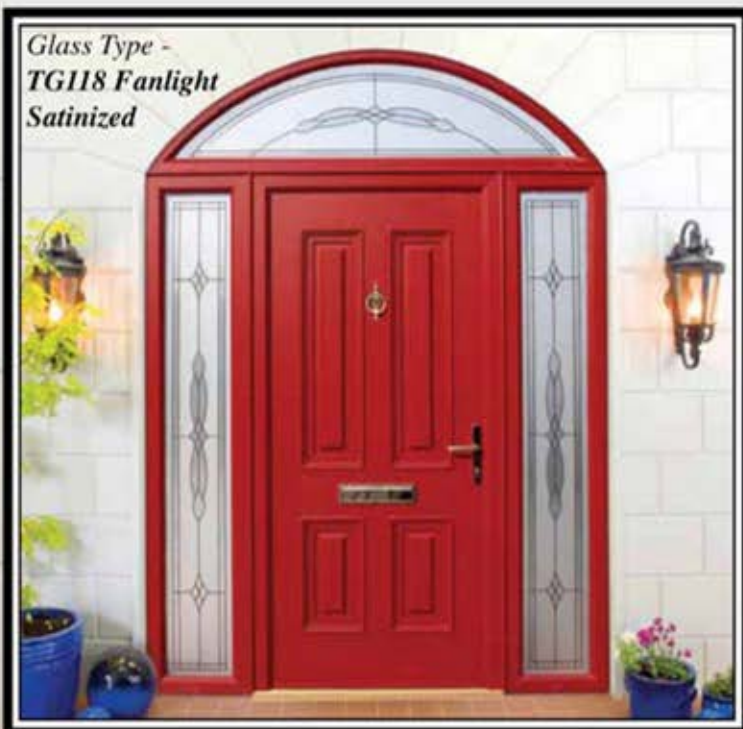
Glass Type - TG116 Fanlight



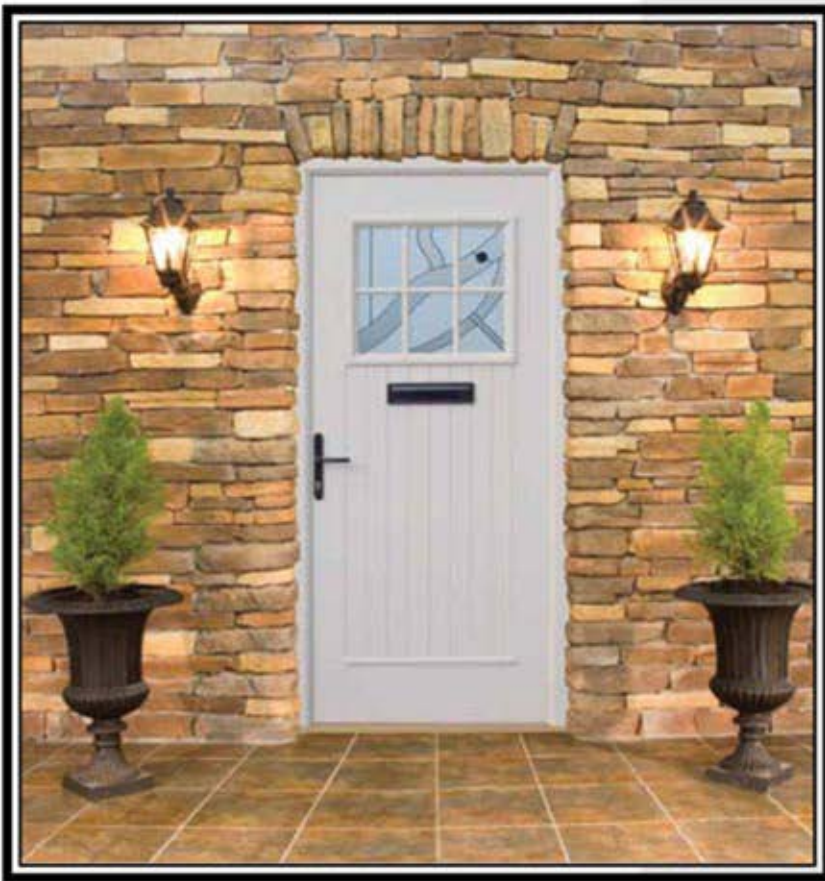
*Door Type - Palermo CD Solid
Glass Type - TG114
(Min Glass Width - 280mm)*



*Glass Type -
TG118 Fanlight
Satinized*



*Door Type - Palermo CD Solid
Glass Type - TG117 Satinized
(Min Glass Width - 280mm)*



Door Type - Dublin

Glass Type - TG111 Satinized



Door Type - Dublin

Glass Type - Clear / Obscure



Door Type - Dublin

Glass Type - TG112



Door Type - Bordeaux CD

Glass Type - TG26

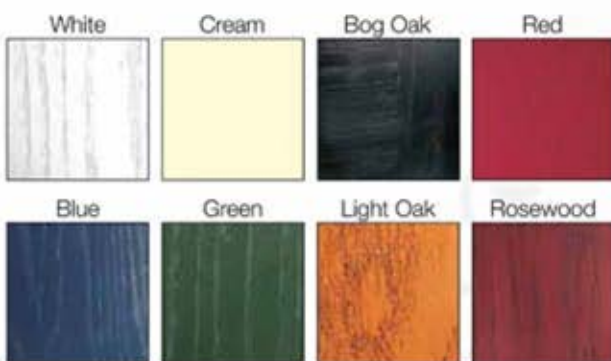
(Min. Glass Width 360 mm)



Glass Type - TG27 Satinized
(Min. Glass Width 355 mm)



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



Door Type - Bordeaux CD

Glass Type - TG29

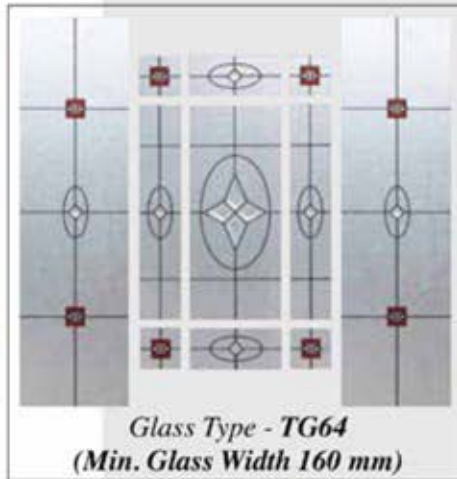
(Min. Glass Width 242 mm)



Door Type - Cairo

Glass Type - TG63 Satinized

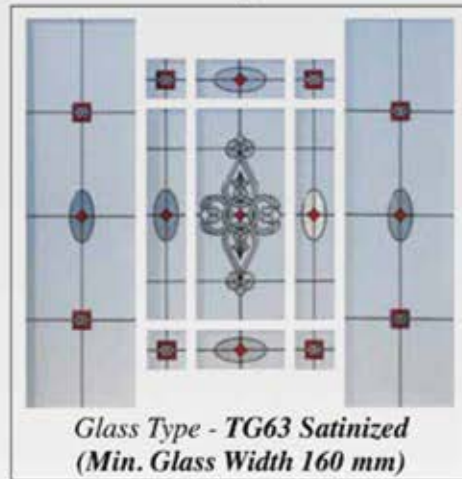
(Min. Glass Width 160 mm)



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



*Glass Type - TG65
(Min. Glass Width 160 mm)*



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

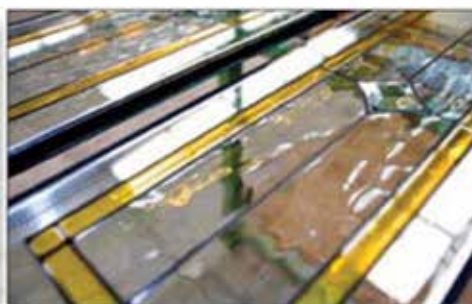


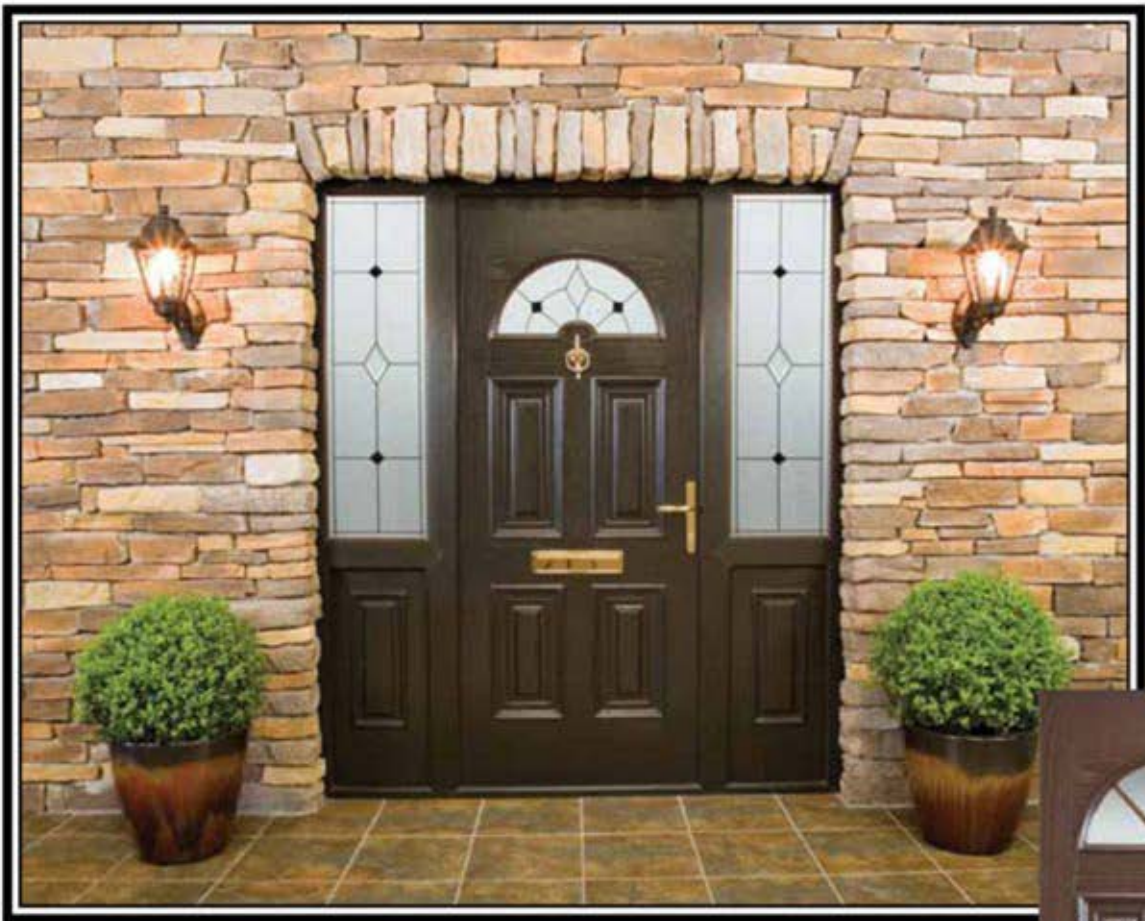


Door Type - Cairo

Glass Type - TG53 Satinized

(Min. Glass Width 160 mm)





Door Type - Sunbeam 1 CD

Glass Type - TG35

(Min. Glass Width 220 mm)



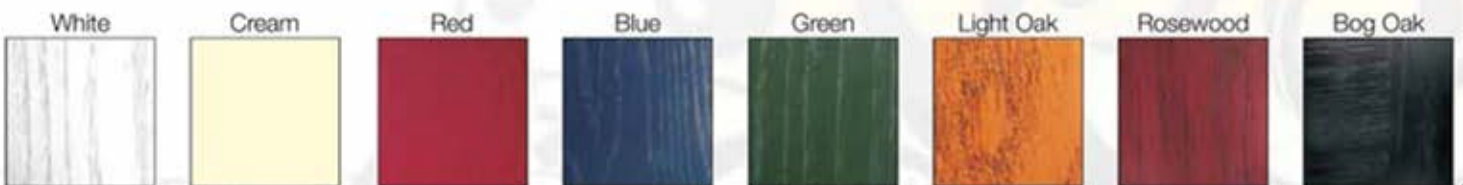
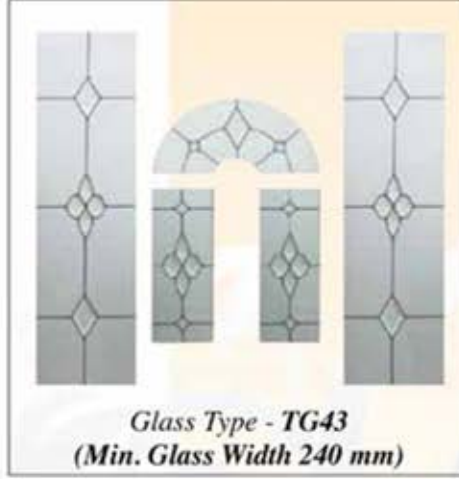
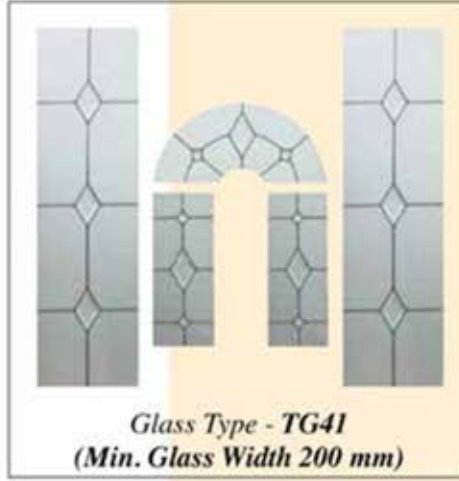
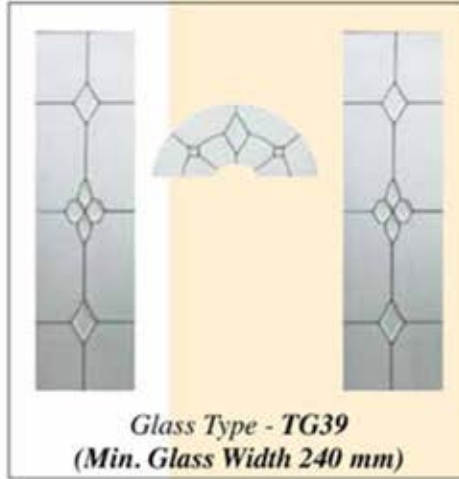
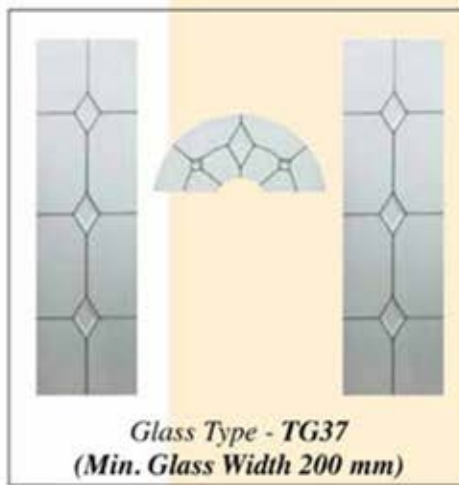
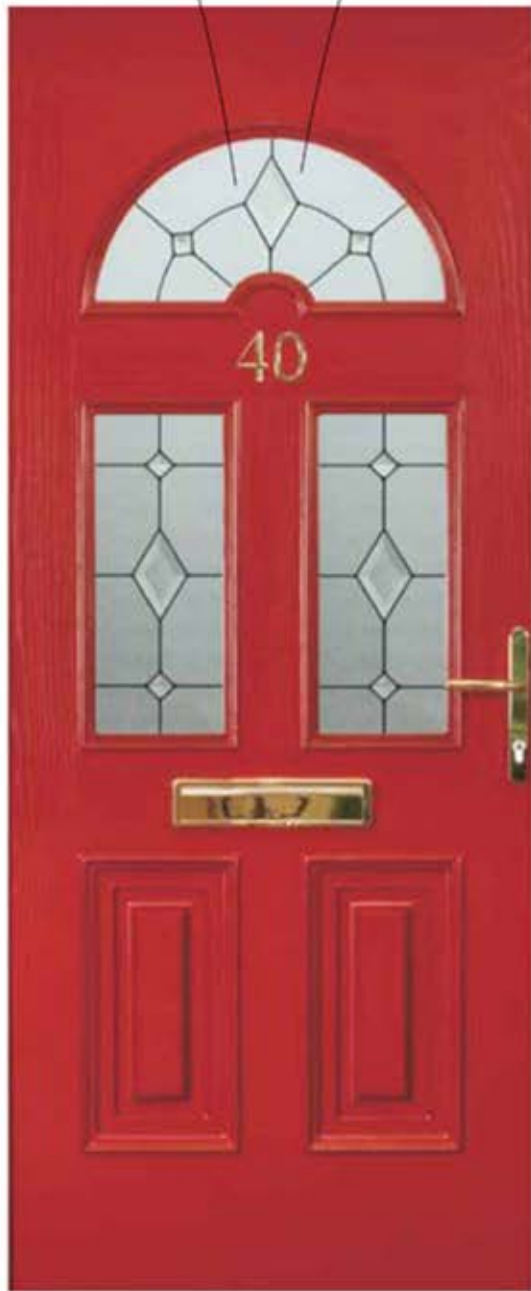
Door Type - Sunbeam 2 CD

Glass Type - TG36 Satinized

(Min. Glass Width 230 mm)

Door Type - Sunbeam 1 CD

Glass Type - GEORGIAN BAR





Door Type - T&G Solid Glass Type - TG66
 (Min. Glass Width 240 mm)



Glass Type - TG67 Satinized
 (Min. Glass Width 230 mm)



Glass Type - TG69
 (Min. Glass Width 240 mm)

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



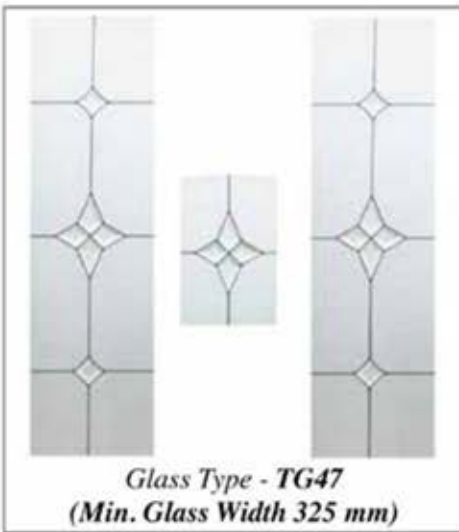
Door Type - T&G Solid
 Glass Type - TG68
 (Min. Glass Width 220 mm)



Door Type - T&G CD Glass Type - TG45
 (Min. Glass Width 300 mm)



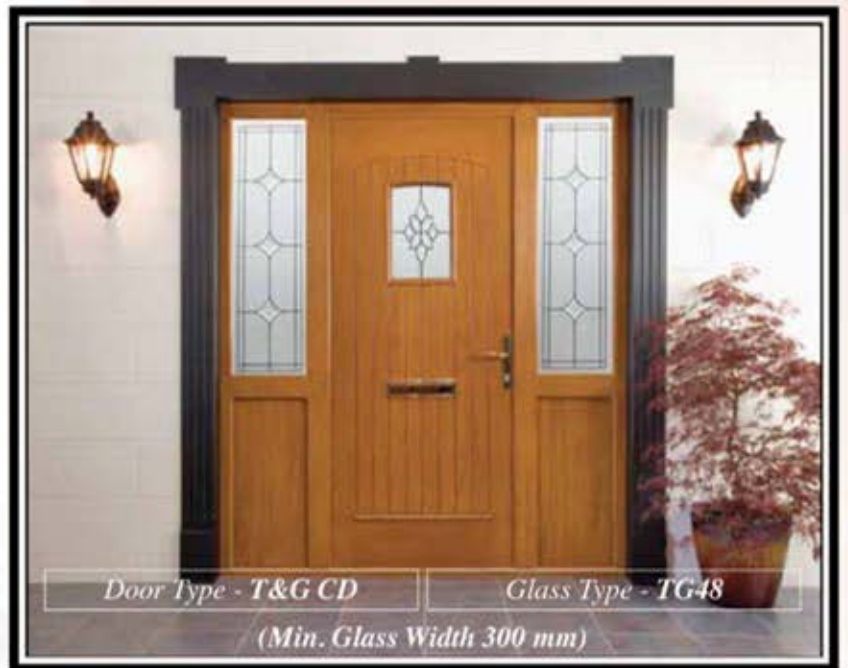
Glass Type - TG46 Satinized
 (Min. Glass Width 325 mm)



Glass Type - TG47
 (Min. Glass Width 325 mm)

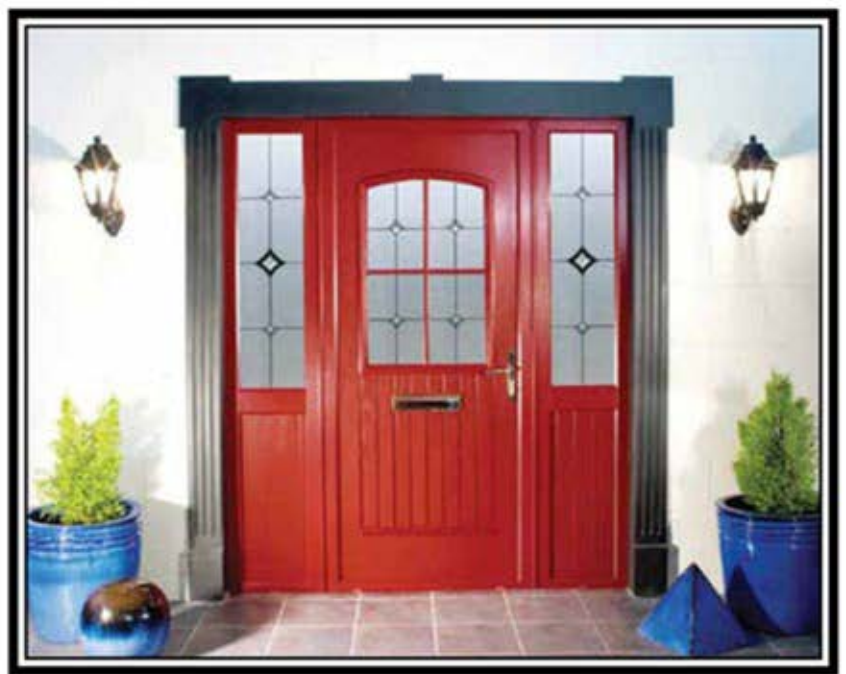


*T&G Light Oak.
 This door demonstrates
 our distinctive woodgrain
 effect.*

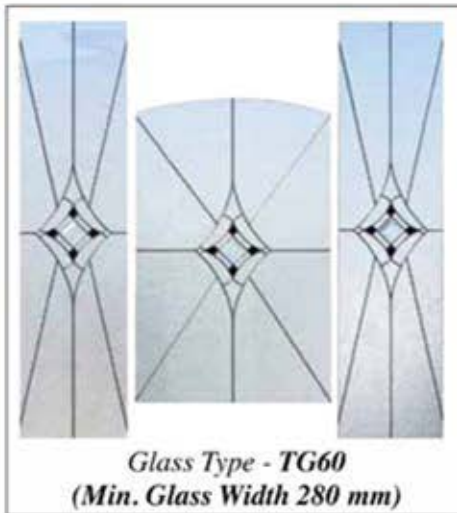


Door Type - T&G CD Glass Type - TG48
 (Min. Glass Width 300 mm)





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)

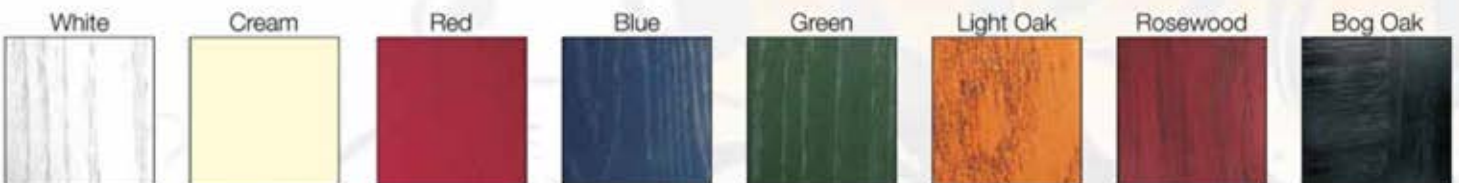
On the left above we have a fine example of a large cluster showing all its facets. Pictured below are some single bevels and small clusters to choose from.



*Glass Type - TG51
(Min. Glass Width 242 mm)*



*Glass Type - TG49
(Min. Glass Width 320 mm)*





This photograph shows the exquisite detail of the woodgrain effect on this door.



Door Type - Naples CD

Obscure Glass



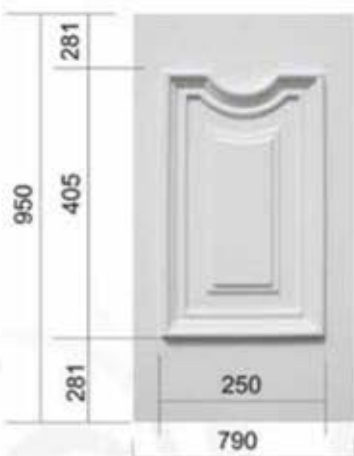
Stippolyte



Minster

Side panels

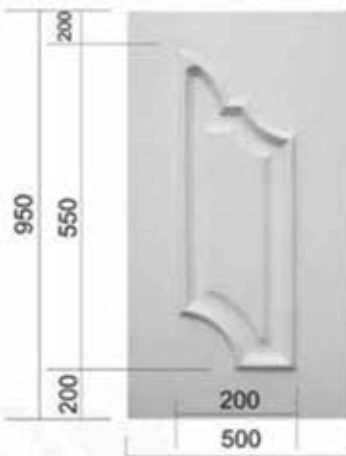
½ Pompeii CD



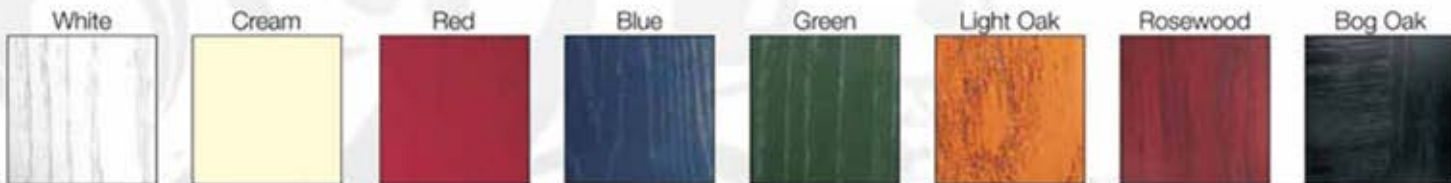
½ Glin CD



½ LH Bordeaux CD
½ RH Bordeaux CD



½ Carthage CD



Accessories



Door Type - Giza

Threshold Options



Stormguard Low Aluminium Threshold
Distance from bottom of door leaf to bottom of threshold - 20mm



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



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



57mm uPVC Low Threshold
Distance from bottom of door leaf to bottom of threshold - 28mm

Door Furniture - black, chrome, gold



Palladio Door Collection

Specifications

Composite	65mm fibreglass reinforced Monocoque Composite Door, Patented Design protected in Europe by patent no 1766176, Canadian and US Pending		
Door Colours	White, Cream, Red, Blue, Green, Bog Oak, Rosewood and Light Oak		
Double Rebate	Double rebate using two seals achieving Excellent draught proofing		
Single Door Slab Size	Min. 782 mm x 1855 mm Max. 910 mm x 2095 mm	Single Door With Frame	Min. 878 mm x 1951 mm Max. 1006 mm x 2191 mm
	<i>Please Note:</i> with low Stormguard Plus threshold, max height 2181mm, min 1942mm with low Stormguard threshold, max height 2163mm, min 1923mm With 57mm uPVC threshold, max height 2171mm, min 1931mm		
Double Door Slab Size	Min. 1085 mm x 1855 mm Max. 1465 mm x 2095 mm	Double Door With Frame	Min. 1181 mm x 1951 mm Max. 1561 mm x 2191 mm
	<i>Please Note:</i> Low Alu, threshold not available. With 57mm uPVC threshold, max height 2171 mm, min 1931 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	Lever / Pad	BS 7412 and BS 1670:1998
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, Green, Bog Oak, Rosewood and Light Oak available using 28mm triple glazed sidelights		
Threshold	Extra strong - standard and low thresholds 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



Above all we are a design and innovation lead 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

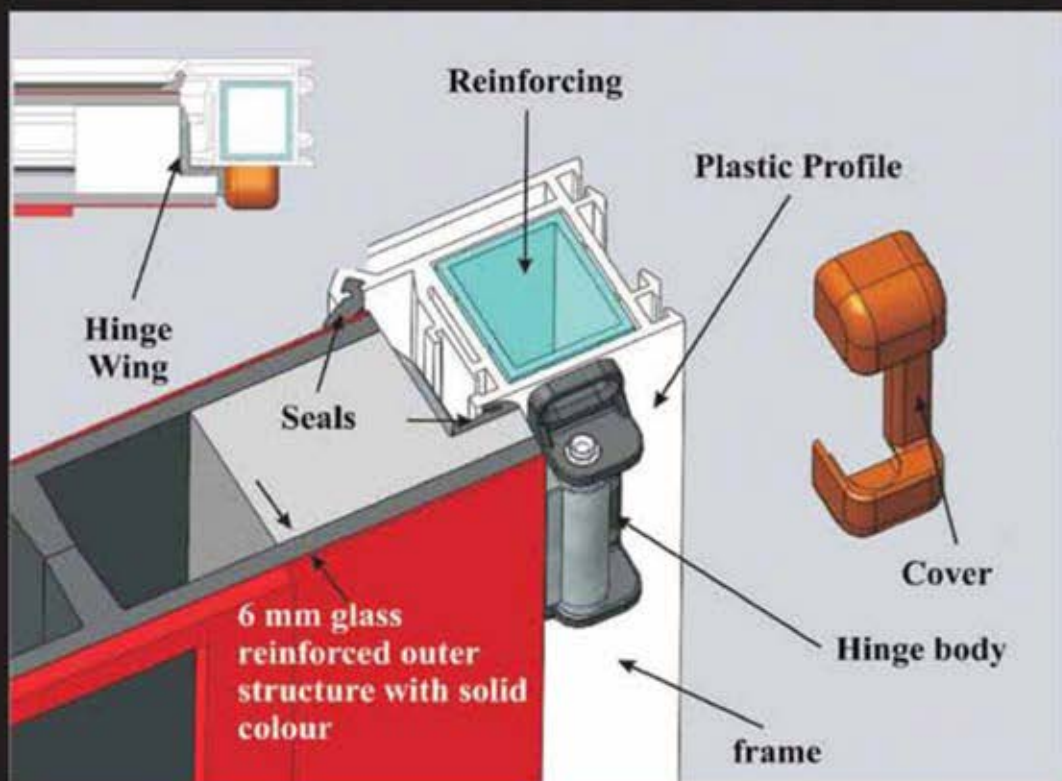
Figure 1 shows the oak pattern from which the final mould will be produced

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.

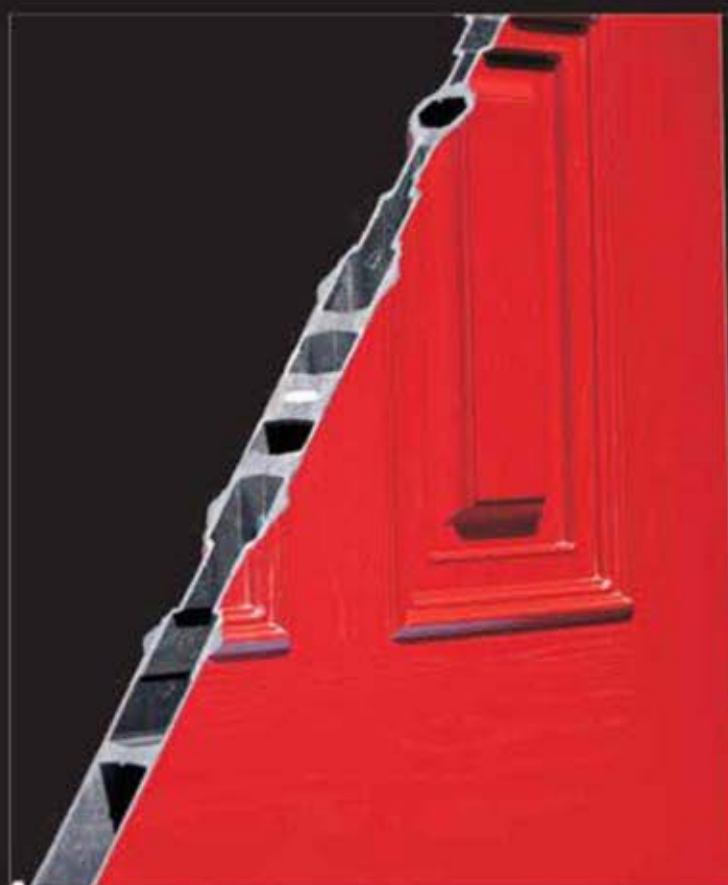


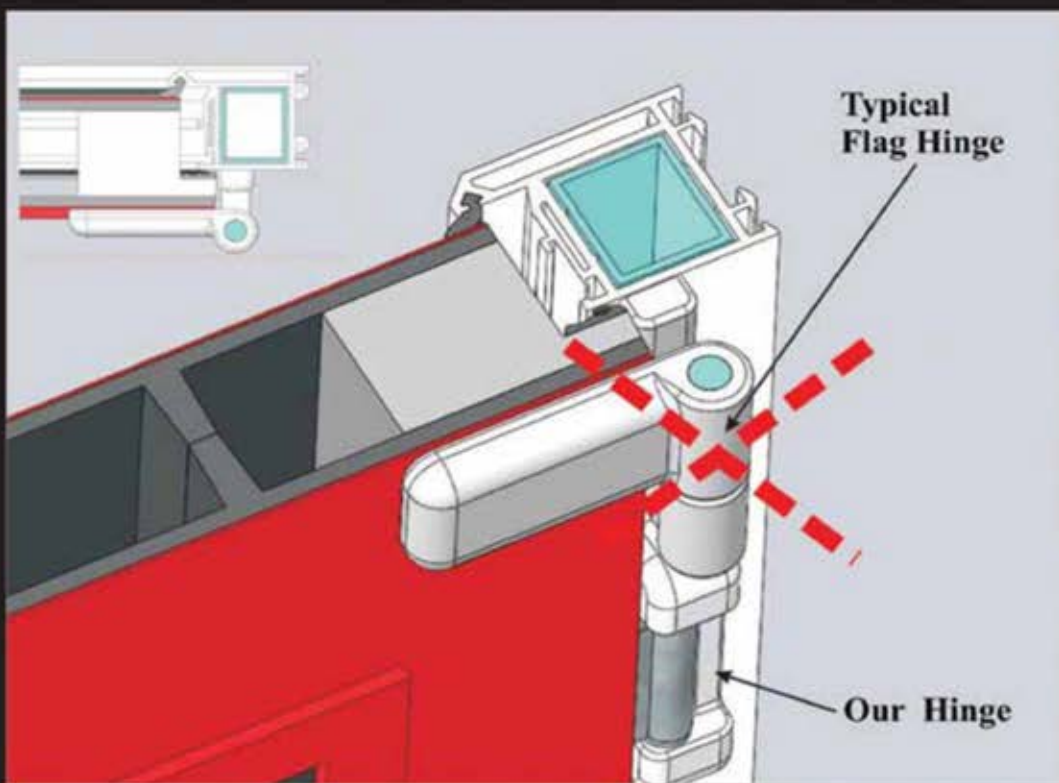


This 3D generated photo demonstrates the advantage of our unique hinge. As is evident from the above picture, this hinge is not attached to the outside of the door, and therefore enhances the appearance of the door, unlike a more conventional flag hinge - as seen on the right. Double seal and rebate.



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





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

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



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