



The Palladio Door Collection

Profile Developments

GLIN, Co. LIMERICK, IRELAND

Telephone: 353-68-34312 (5 Lines) Fax: 353-68-34492

Website: www.profiledevelopments.com • Email: info@profiledevelopments.com

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Entrance



Doors



Profile Developments





Entrance Doors

Dear Customer,

We are proud to present our new composite door. 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



This beautifully proportioned Neo-Classical Georgian entrance makes a huge statement - capturing the elegance of a bygone era.

*All components available (see page 26)**

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PROFILE DEVELOPMENTS

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

*Neo-Classical Georgian Entrance
Glass Type - TG6 Fanlight*



*Door Type - Georgian CD Solid
Glass Type - TG5
(Min. Glass Width 360 mm)*

*Neo-Classical Georgian
entrance with sidelights
and fanlight available in
all colours*





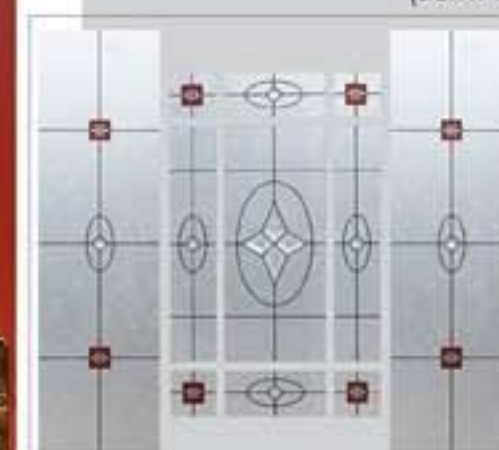
Door Type - Georgian CD2 Glass Type - TG7
(Min. Glass Width 360 mm)



Door Type - Georgian CD2 Glass Type - TG8
(Min. Glass Width 200 mm)



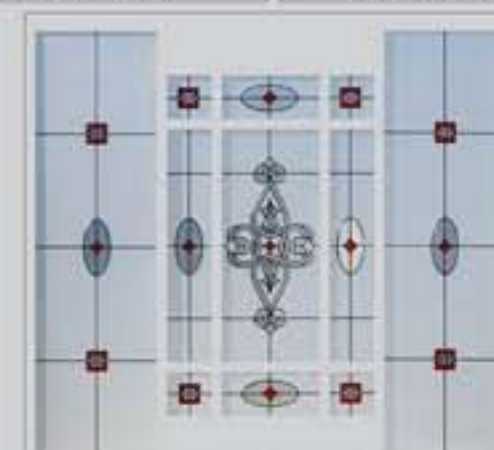
Door Type - Cairo Glass Type - TG 63 Satinized
(Min. Width - 160 mm)



Glass Type - TG 64
(Min. Width - 160 mm)



Glass Type - TG 65
(Min. Width - 240 mm)



Glass Type - TG 63 Satinized
(Min. Width - 160 mm)





Door Type - San Marco CD
Glass Type - TG13 Satinized
(Min. Glass Width 230 mm)



Door Type - San Marco CD

Glass Type - TG14

(Min. Glass Width 240 mm)



Glass Type - TG15
(Min. Glass Width 200 mm)



Glass Type - TG16
(Min. Glass Width 280 mm)

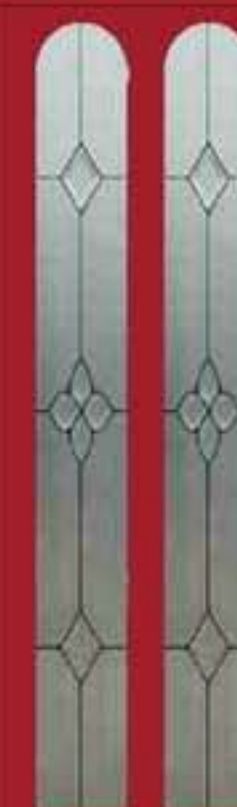


*Neo-Classical Adam style Entrance
with red San Marco door
Glass Type - TG17 Fanlight*



The classic Adam style entrance will do justice to the finest home. It is extremely well proportioned and no effort has been spared to achieve an authentic classic look.

(see page 26 for components)*



Glass Type - TG14



Glass Type - TG16



Glass Type - TG15

*Door Type - San Marco CD
Glass Type - TG13 Satinized*



Double door type - Classic Victorian 3
Glass type - TG 55
(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.

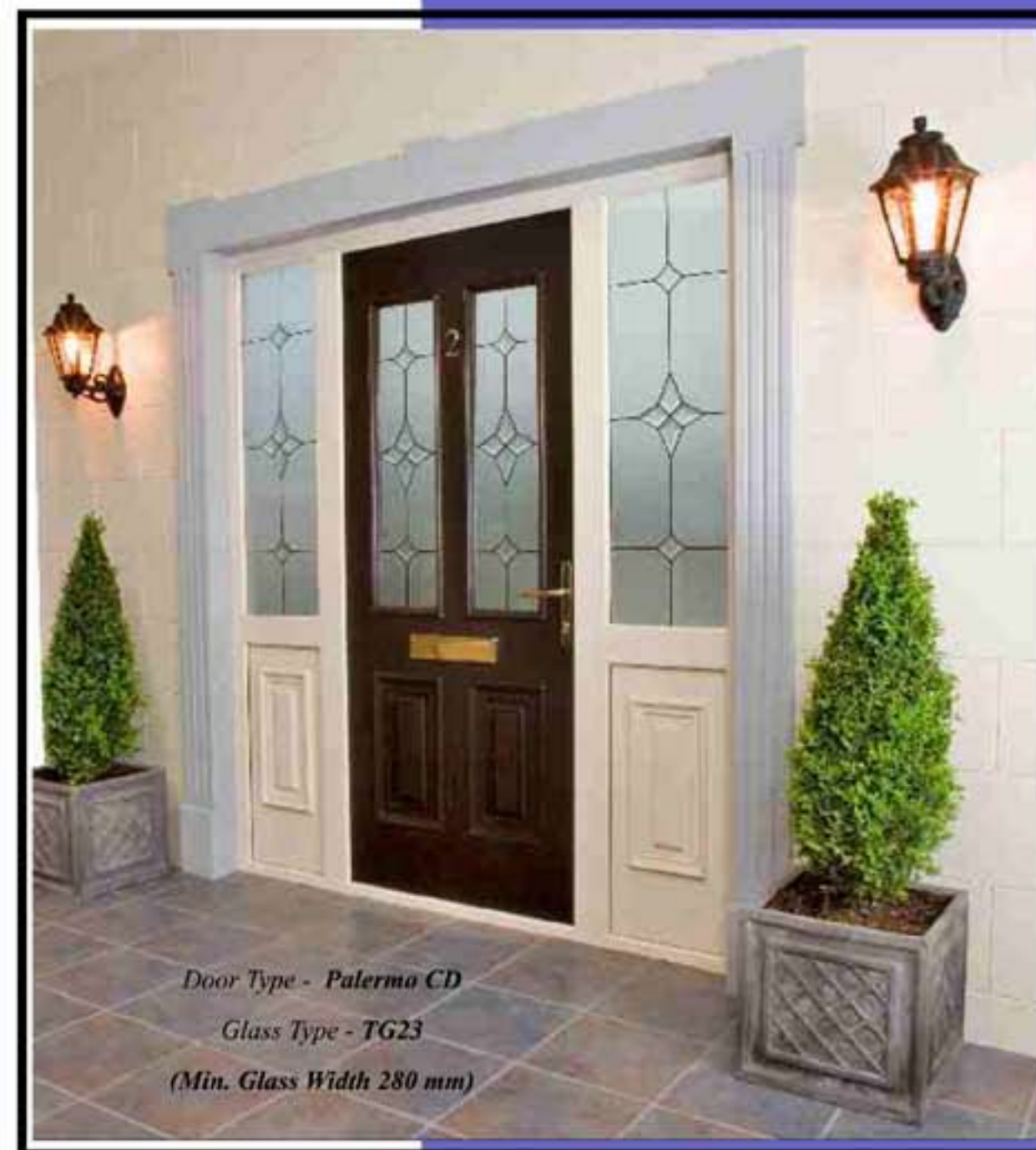




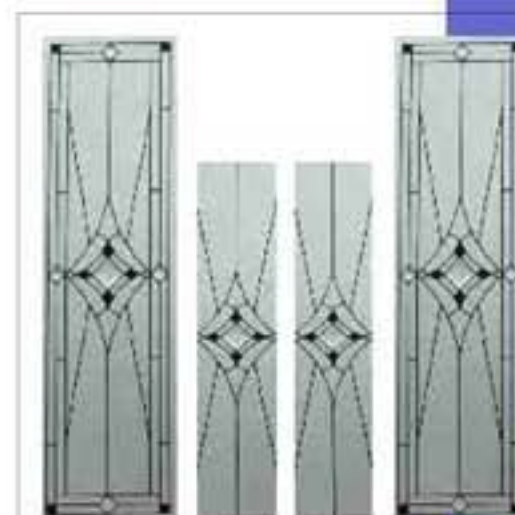
Door Type - Palermo CD
Glass Type - TG21 Satinized
(Min. Glass Width 360 mm)



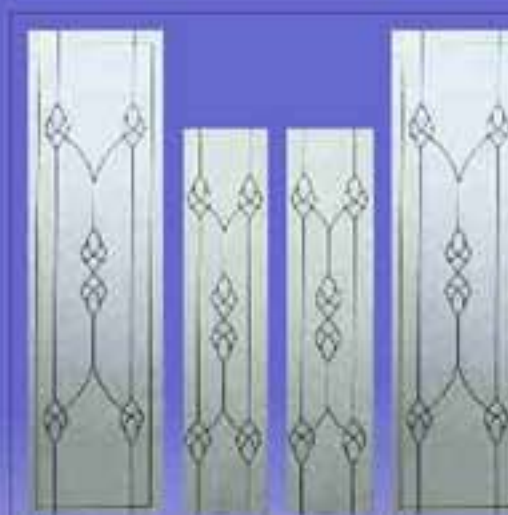
Door Type - Palermo CD
Glass Type - TG22
(Min. Glass Width 360 mm)



Door Type - Palermo CD
Glass Type - TG23
(Min. Glass Width 280 mm)



Glass Type - TG24
(Min. Glass Width 360 mm)



Glass Type - TG22
(Min. Glass Width 360 mm)



Edwardian Style Entrance
Glass Type - TG25 Fanlight

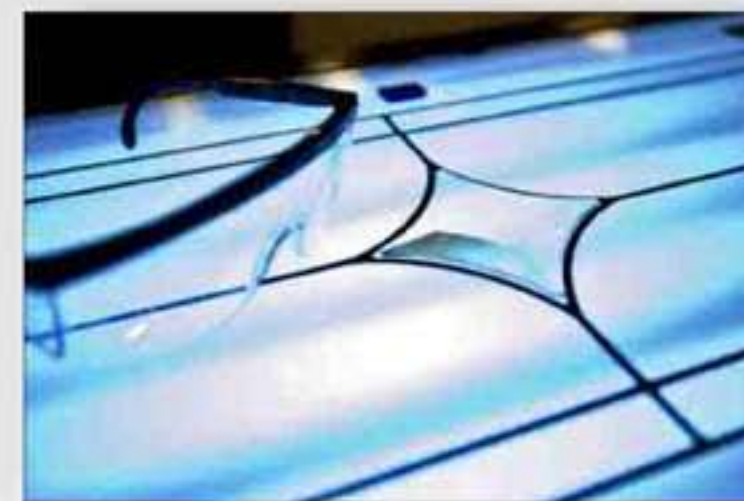
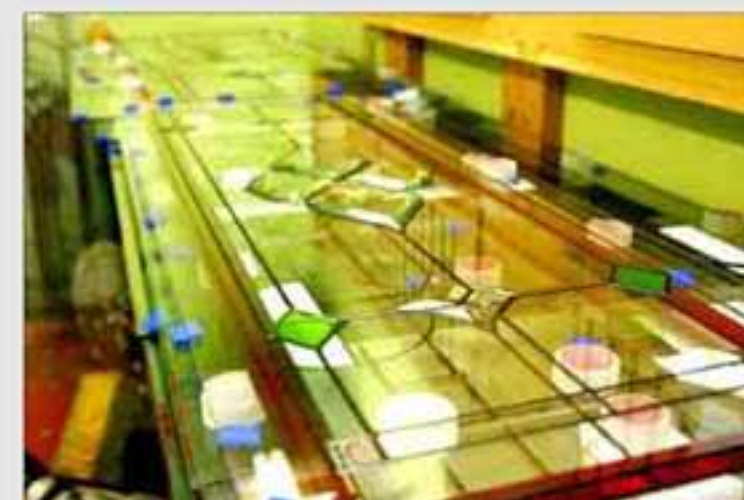


Door Type - Palermo CD
Glass Type - TG24



A close up of our Edwardian entrance.

(All components are available see back page)*





Door Type - San Tiago Glass Type - TG 58
(Min. Width - 175 mm)



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)



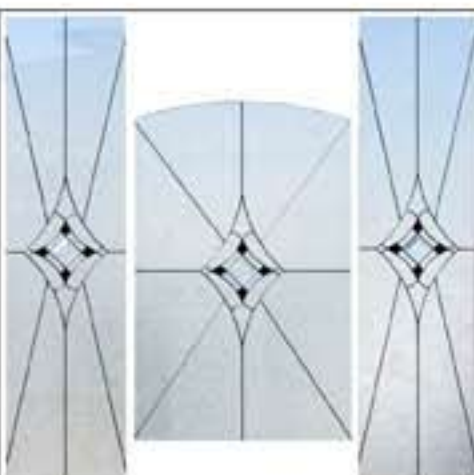
Although these doors are not painted they display a rich portion and character without the need of constant maintenance.



Door Type - Bordeaux CD Glass Type - TG29
(Min. Glass Width 242 mm)



Door Type - *San Tiago* Glass Type - *TG 59*
(Min. Width - 240 mm)



Glass Type - *TG 60*
(Min. Width - 280 mm)



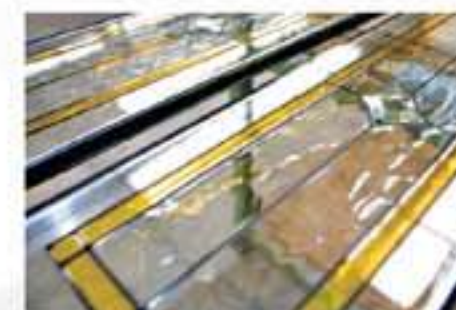
Glass Type - *TG 61 Satinized*
(Min. Width - 360 mm)



Door Type - *Cairo* Glass Type - *TG 53 Satinized*
(Min. Glass Width 160 mm)



Door Type - *Giza*
Glass Type - *TG 62*
(Min. Width - 360 mm)





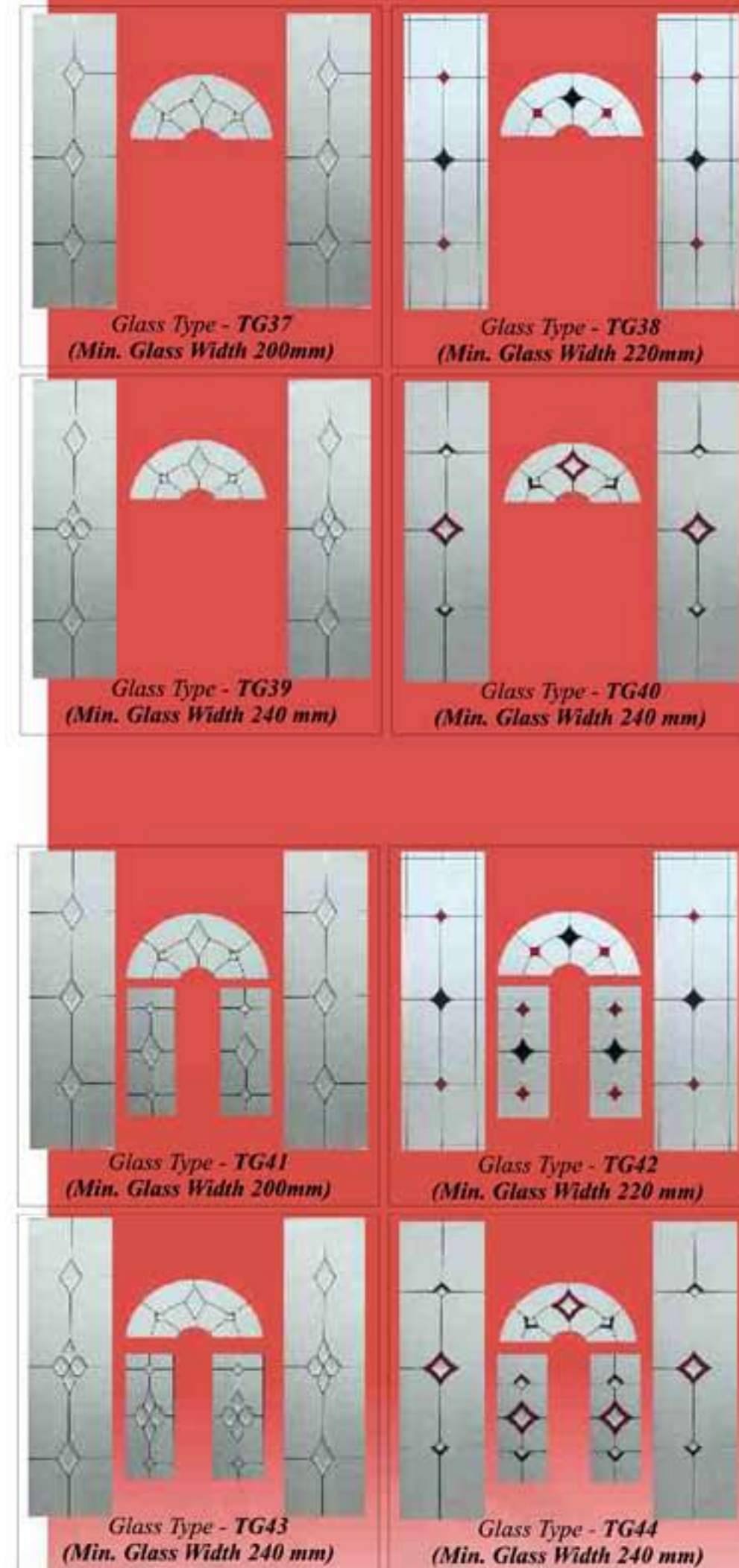
Door Type - Sunbeam 1 CD Glass Type - TG35
(Min. Glass Width 220 mm)



Door Type - Sunbeam 1 CD
Glass Type - GEORGIAN BAR

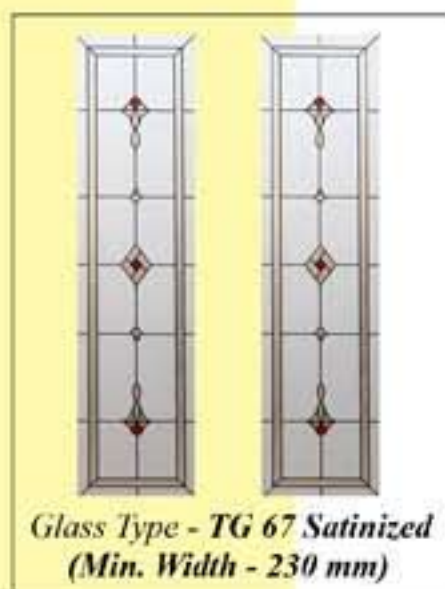


Door Type - Sunbeam 2 CD Glass Type - TG36 Satinized
(Min. Glass Width 230 mm)

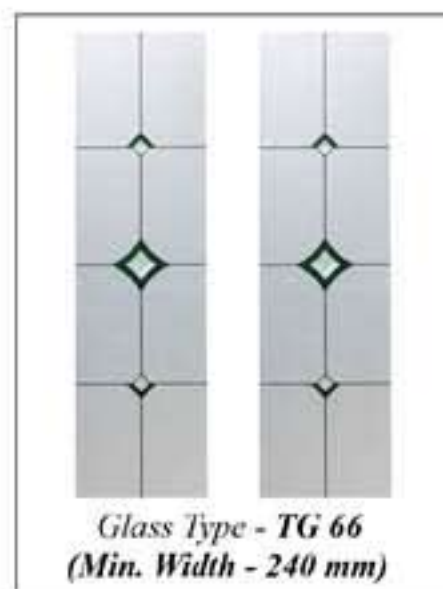




Door Type - T&G Solid Glass Type - TG 66
(Min. Width - 240 mm)



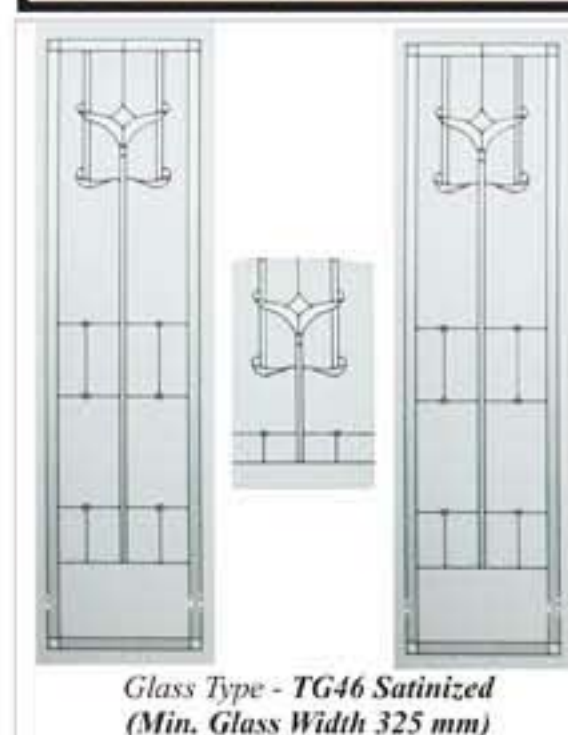
Glass Type - TG 67 Satinized
(Min. Width - 230 mm)



Glass Type - TG 66
(Min. Width - 240 mm)



Door Type - T&G CD Glass Type - TG 45
(Min. Glass Width 300 mm)



Glass Type - TG 46 Satinized
(Min. Glass Width 325 mm)



Glass Type - TG 47
(Min. Glass Width 325 mm)



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



Door Type - T&G Solid
Glass Type - TG 68
(Min. Width - 220 mm)



Door Type - T&G CD Glass Type - TG 48
(Min. Glass Width 300 mm)





Door Type - Carthage CD Glass Type - TG49
(Min. Glass Width 320 mm)



Door Type - Carthage CD Glass Type - TG50 Satinized
(Min. Glass Width 350 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)





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

Obscure Glass



Stippolyte



Minster



Door Type - Naples CD

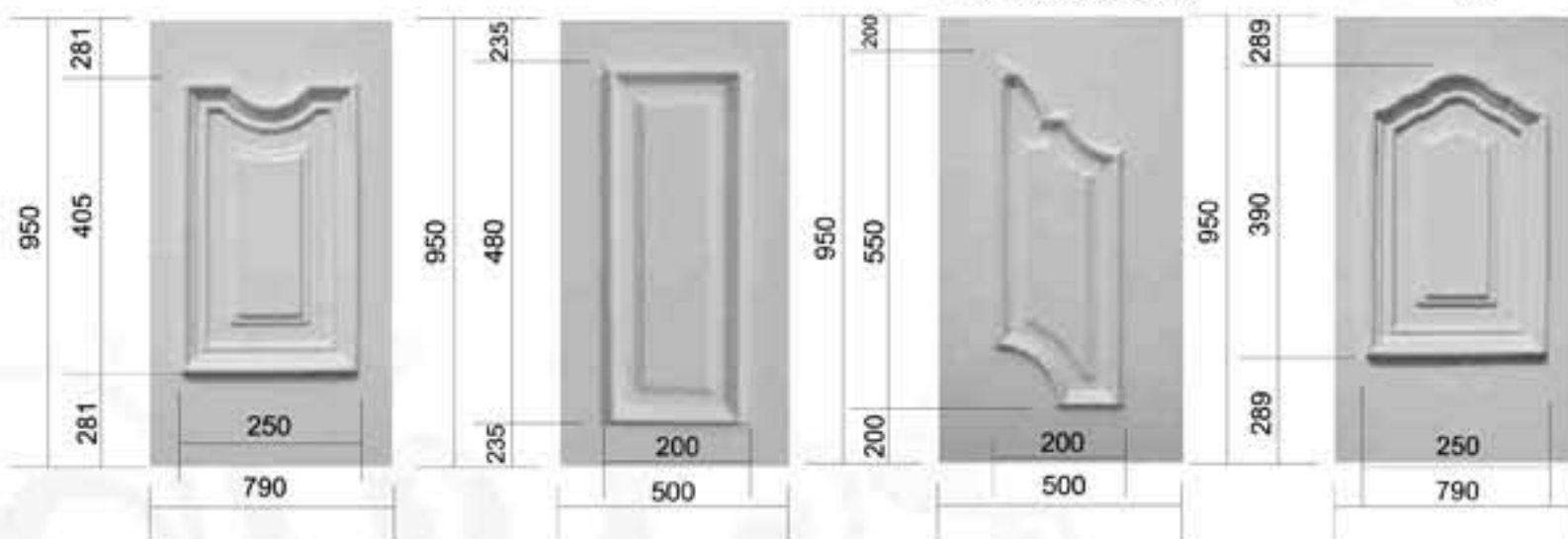
Side panels

½ Pompeii CD

½ Glin CD

½ LH Bordeaux CD
½ RH Bordeaux CD

½ Carthage CD



Accessories

The components you see below make up the three individual entrances: typical Georgian, Neo-Classical and Adam style entrance. These components are all manufactured from weather resistant resin and in keeping with traditional design are delivered primed in grey and ready for painting, to give an authentic classic look.



Door Type - Giza

Typical Georgian Entrance
2360mm wide complete
with two center pillars, two
quarterside pillars/canopy

Typical Neo-Classical Adam
style entrance
1430mm wide complete with
two center pillars/canopy



WARNING!. We take great pride in having produced our Georgian and Adam style entrances with great attention to detail. These products should only be used in appropriate buildings where the height and size of windows are in proportion to the entrance.

Door Furniture - black, chrome, gold



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, Yellow, Rosewood and Light Oak		
Double Rebate	Double rebate using two seals achieving Excellent draught proofing		
Single Door Slab Size	Min. 782 mm x 1840 mm Max. 910 mm x 2095 mm	Single Door With Frame	Min. 888 mm x 2201 mm Max. 1016 mm x 2201 mm <i>Please Note: With low threshold, max height is 2186mm</i>
Double Door Slab Size	Min. 1085 mm x 2095 mm Max. 1475 mm x 2095 mm	Double Door With Frame	Min. 1190 mm x 2201 mm Max. 1580 mm x 2201 mm
U value rating	Door body U value - 0.205, Triple glaze U value - 1.1, Combined U value - 0.64		
Weather seals	Scheigel aquamac 124 seals Manufactured to BS Standard 9001/2000 and 7412		
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, Minster, 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	3 hook, 2 shoot bolts, 10 years Mechanical guarantee 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, Brown, Black and Cream		
PVC outerframe option extra*	60mm with galvanized steel reinforcing		
PVC outerframe and Sidelight colour	White, Cream, Red, Blue, Green, Black, Rosewood and Light Oak available using 28mm triple glazed sidelights		
Threshold	Extra strong - standard and low threshold available		
Georgian Entrance Canopy and pillars*	All components Pillars, Lintels available in standard grey primed finished (ready for painting)		
Online ordering	Available to trade customers using this system only		

Please note, owing to the photographic and printing process used, colour may vary from the printed brochure.

With your security and safety in mind



Fig. 1



Fig. 2

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.

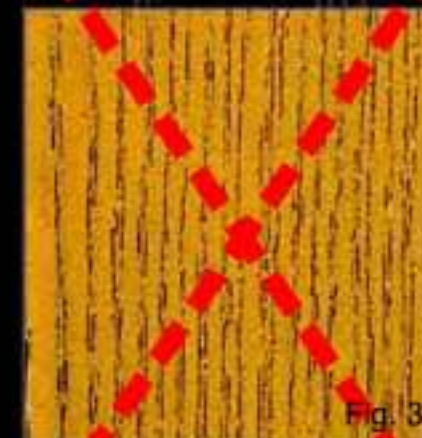
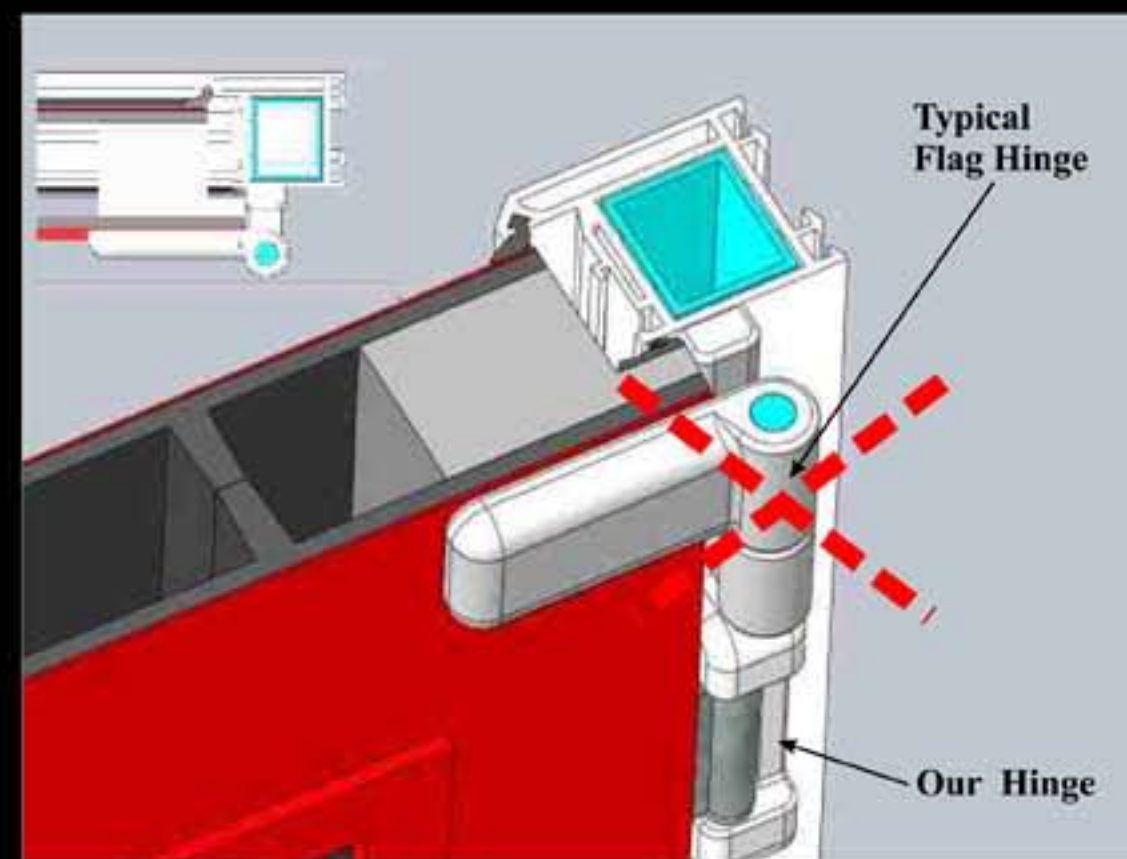
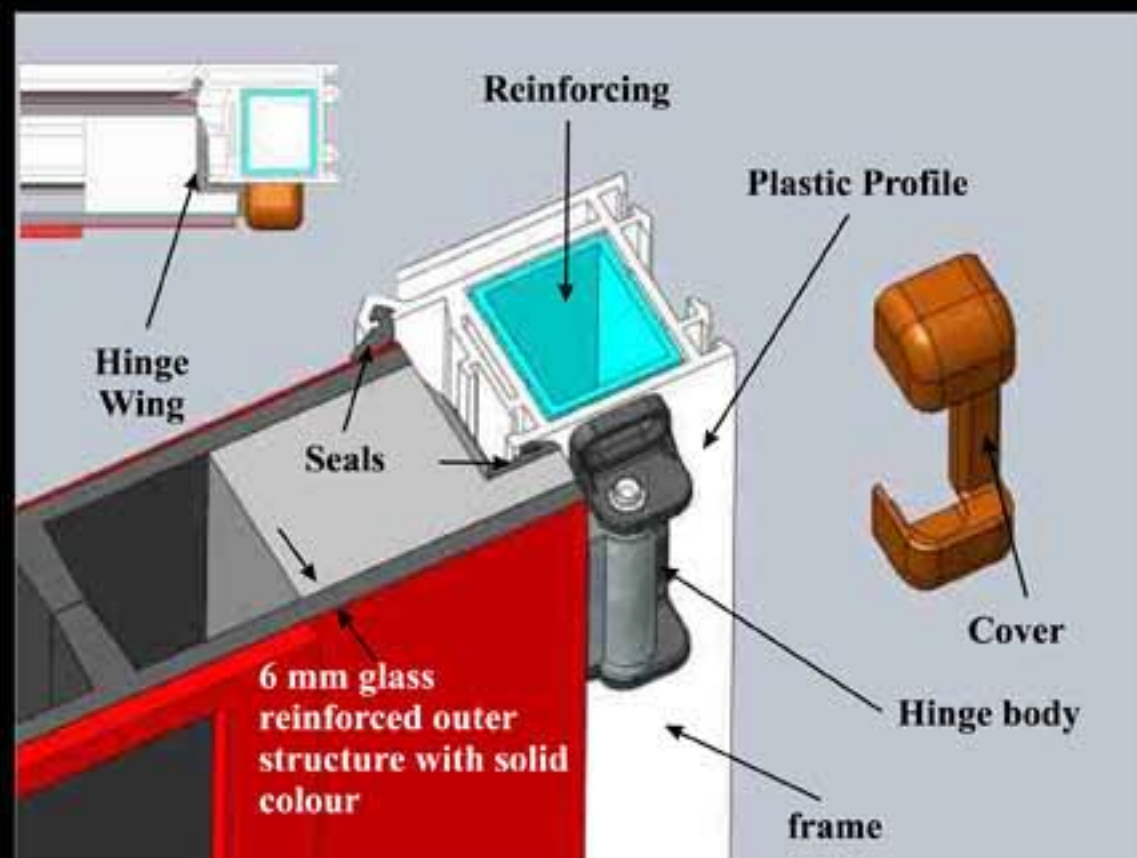


Fig. 3



Fig. 4



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.