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 1766170 (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 0.208 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
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.
Neo-Classical Georgian Entrance
Glass Type - TG6 Fanlight

Door Type - Georgian CD Solid
Glass Type - TG5
(Min. Glass Width 350 mm)

Neo-Classical Georgian entrance with sidelights and fanlight available in all colours
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.
Door Type - San Marco CD
Glass Type - TG13 Stained (Min. Glass Width 238 mm)

Door Type - San Marco CD

Glass Type - TG14 (Min. Glass Width 240 mm)

Glass Type - TG15 (Min. Glass Width 290 mm)

Glass Type - TG16 (Min. Glass Width 290 mm)

White  Red  Blue  Green  Bog Oak  Yellow  Light Oak  Rosewood
Neo-Classical Adam style Entrance with red San Marco door
Glass Type - TG17 Fauxlight

Door Type - San Marco CD Solid

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 28 for components)*

Glass Type - TG14
Glass Type - TG16
Glass Type - TG15
Our classic victorian 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 great length to ensure an authentic look. The detail of the woodgrain is perfect, for instance, we do not use a plant or 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)

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

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

Colors: White, Red, Blue, Green, Bog Oak, Yellow, Light Oak, Rosewood

Door Type: Palermo CD
Glass Type: TG23
(Min. Glass Width: 280 mm)
Although these doors are not painted they display a rich portion and character without the need of constant maintenance.
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 69  
(Min. Width - 240 mm)

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

Please Note: Available only with Viewer or Door Knocker with Viewer

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

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

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

White  Red  Blue  Green  Bog Oak  Yellow  Light Oak  Rosewood
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.

**Accessories**

**Door Type - Naples CD**

**Side panels**

<table>
<thead>
<tr>
<th>Side Panel Type</th>
<th>Width (mm)</th>
<th>Height (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2 Pompeii CD</td>
<td>201</td>
<td>900</td>
</tr>
<tr>
<td>1/2 Glin CD</td>
<td>250</td>
<td>950</td>
</tr>
<tr>
<td>1/2 LH Bordeaux CD</td>
<td>200</td>
<td>900</td>
</tr>
<tr>
<td>1/2 RH Bordeaux CD</td>
<td>200</td>
<td>900</td>
</tr>
<tr>
<td>1/2 Carthage CD</td>
<td>200</td>
<td>900</td>
</tr>
</tbody>
</table>

**Door Type - Giza**

**Door Furniture - black, chrome, gold**

**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.

**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.
Specifications

Composite
65mm fibreglass reinforced Monocoque Composite Door. Patented Design protected in Europe by patent no 1706179. 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 Stab Size
Min. 792 mm x 1855 mm
Max. 910 mm x 2095 mm

Double Door Stab Size
Min. 1085 mm x 1850 mm
Max. 1465 mm x 2095 mm

Please Note: With Low Alu. threshold, max. height 1996mm, min. 1946mm
With 65mm uPVC threshold, max height 2175mm, min 1906mm

U value rating
Door body U value – 0.205, Triple glaze U value – 1.1, Combined U value – 0.64

Weather seals
Scheigel aquamax 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, Coloured, Mistral, Stippled 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 shot bolts
FAS 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 Pallio Door, the area needs to be well ventilated to prevent the excessive build up of heat.

Hardware
High quality handles, lever 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 1570:1986

Hinge type
Rebated hinge available White, Brown, Black and Cream

PVC cutoframe option exists
60mm with galvanized steel reinforcing

PVC cutoframe and sidelight colour
White, Cream, Red, Blue, Green, Black, Rosewood and Light Oak available using 23mm triple glazed sidelights

Threshold
Extra strong - standard and low threshold available

Georgian Entrance Canopy and pillars
All components Pilars, Lintels available in standard grey primed finished (ready for painting)

Online ordering
Available to trade customers using this system only

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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.