Dear 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!
## PALLADIO DOOR AND GLASS COLOUR INDEX

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Door after routing operation

CNC routing machine

Advanced robotics manufacturing

Door manufacturing plant

Automated state of the art stacking system
Door Type - Georgian Solid
Glass Type - TG5
(Min. Glass Width 360 mm)

Glass Type - TG6 Fanlight
Door Type - **Georgian 2**
Glass Type - **TG7**
*(Min. Glass Width 210 mm)*

Door Type - **Georgian 2**
Glass Type - **TG8**
*(Min. Glass Width 155 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.
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 - Paris
Glass Type - TG143 Satinized
(Min. Glass Width 200 mm)

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

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

Door Type - Paris
Glass Type - TG145 Satinized
(Side Light Min. Glass Width 200 mm)
Door Type - Paris
Glass Type - TG73 Satinized
(Min. Glass Width 170 mm)

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

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

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

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

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 - **London**

Glass Type - **TG80**

(Min. Glass Width 210 mm)

---

Door Type - **London**

Glass Type - **TG81**

(Min. Glass Width 155 mm)

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

---

Door Type - **Rome**

Glass Type - **TG90**

(Min. Glass Width 150 mm)

---

Door Type - **Rome**

Glass Type - **TG90**

(Min. Glass Width 170 mm)
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.
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 - Edinburgh
Glass Type - TG100
(Min. Glass Width 250 mm)
Door Type - Edinburgh

Glass Type - TG102
(Min. Glass Width 155 mm)

Glass Type - TG103
(Min. Glass Width 290 mm)

Glass Type - TG101
(Min. Glass Width 250 mm)

Colors:
- White
- Cream
- Red
- Blue
- Bog Oak
- Green
- Light Oak
- Rosewood
- Chartwell Green
- Anthraeite Grey
- Silver Grey
High Security Finger Pull Escutcheon 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.

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 - Viking
Glass Type - TG128 Satinized
(Min. Glass Width 200 mm)

Door Type - Viking
Glass Type - TG127 Satinized
(Min. Glass Width 260 mm)
Door Type - Picasso
Glass Type - TG161 Satinized
(Min. Glass Width 200 mm)

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

Please Note: Not A Storm Guard or a Storm Guard Plus Threshold
Door Type - Picasso

Glass Type - TG162 Satinized

(Min. Glass Width 120 mm)

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)

Colors:
- White
- Cream
- Red
- Blue
- Bog Oak
- Green
- Light Oak
- Rosewood
- Chartwell Green
- Anthracite Grey
- Silver Grey
Door Type - San Marco
Glass Type - TG13 Satinized
(Min. Glass Width 230 mm)
Door Type - San Marco
Glass Type - TG14
(Min. Glass Width 210 mm)

Glass Type - TG15
(min. Glass Width 150mm)

Glass Type - TG16
(min. Glass Width 250mm)
Door Type - San Marco
Glass Type - TG13 Satinized
Door Type - San Marco Solid

Glass Type - TG14
Glass Type - TG16
Glass Type - TG15
Door Type: San Marco
Glass Type: TG157 Satinized

(Min. Glass Width 200 mm)
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 - Palermo
Glass Type - TG110 Satinized
(Min. Glass Width 240 mm)

Door Type - Palermo
Glass Type - TG104
(Min. Glass Width 260 mm)
Glass Type - TG24
(Min. Glass Width 360 mm)

Door Type - Palermo
Glass Type - TG182 Satinized
(Min. Glass Width 240 mm)

Glass Type - TG21 Satinized
(Min. Glass Width 360 mm)
Door Type - Palermo Solid
Glass Type - TG114
(Min Glass Width - 270mm)
Door Type - Palermo Solid
Glass Type - TG117 Satinized
(Min Glass Width - 280mm)

Glass Type - TG118 Fanlight
Satinized

Door Type - Palermo Solid
Glass Type - TG117 Satinized
(Min Glass Width - 280mm)
Door Type - Orpen  |  Glass Type - TG175 Satinized
(Min. Glass Width 120 mm)  

Door Type - Orpen  |  Glass Type - TG173 Satinized
(Min. Glass Width 110 mm)  

Glass Type - TG174 Satinized
(Min. Glass Width 150 mm)  

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

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

Door Type - Turner
Glass Type - TG169 Satinized
(Min. Glass Width 240 mm)

Door Type - Turner
Glass Type - TG167 Satinized
(Min. Glass Width 300 mm)

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

Glass Type - TG168 Satinized
(Min. Glass Width 120 mm)
Glass Type - TG64
(Min. Glass Width 160 mm)

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

Glass Type - TG63 Satinized
(Min. Glass Width 150 mm)

Door Type - Cairo

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

Door Type - Cairo
Glass Type - TG53 Satinized

(Min. Glass Width 160 mm)
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 - Monet
Glass Type - TG179 Satinized
(Min. Glass Width 300 mm)

Door Type - Monet
Glass Type - TG171 Satinized
(Min. Glass Width 240 mm)

Glass Type - TG170 Satinized
(Min. Glass Width 240 mm)
Door Type - Rubens
Glass Type - TG164 Satinized
(Min. Glass Width 150 mm)

Door Type - Rubens
Glass Type - TG165
(Min. Glass Width 140 mm)

Door Type - Rubens
Glass Type - TG166
(Min. Glass Width 120 mm)

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

Please Note: Not A Storm Guard or a Storm Guard Plus Threshold
Door Type - **Sunbeam 1**  
Glass Type - **TG35**  
*(Min. Glass Width 220 mm)*

Door Type - **Sunbeam 1**  
Glass Type - **GEORGIAN BAR**

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

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
Please Note - T&G Solid available with spy view fitted as standard or with a spy view knocker as an optional extra.
T&G Light Oak.
This door demonstrates our distinctive woodgrain effect.

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

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

Glass Type - TG47
(Min. Glass Width 250 mm)

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

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 - San Tiago  
Glass Type - TG59  
(Min. Glass Width 210 mm)

Door Type - Giza  
Glass Type - TG62  
(Min. Glass Width 330 mm)
### Door Type - Giza

- Minimum Size 290mm

### Side Panels

<table>
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<tr>
<th>1/2 Glin</th>
<th>T&amp;G 1/2 (Smooth Finish)</th>
<th>Barony 1/2 (Smooth Finish)</th>
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<td>235</td>
<td>480</td>
<td>278</td>
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<tr>
<td>950</td>
<td>950</td>
<td>950</td>
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<tr>
<td>235</td>
<td>200</td>
<td>138</td>
</tr>
<tr>
<td>Minimum Size 290mm</td>
<td>790</td>
<td>Minimum Size 180mm</td>
</tr>
</tbody>
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### Colors

- White
- Cream
- Red
- Blue
- Bog Oak
- Green
- Light Oak
- Rosewood
- Chartwell Green
- Anthracite Grey
- Silver Grey
### Specifications

<table>
<thead>
<tr>
<th>Composite</th>
<th>65mm fibreglass reinforced Monocoque Composite Door, Patented Design protected in Europe by patent no 1766176, Canadian and US Pending</th>
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<tr>
<td>Door Colours</td>
<td>White, Cream, Red, Blue, Green, Bog Oak, Rosewood, Anthracite Grey, Chartwell Green, Light Oak and Silver Grey. Please note: Half Sidelight Panels are not available in Silver Grey.</td>
</tr>
<tr>
<td>Double Rebate</td>
<td>Double rebate using two seals achieving excellent draught proofing</td>
</tr>
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</table>
| Single Door Slab Size | Min. 782 mm x 1855 mm  
Max. 910 mm x 2095 mm  
Please Note: 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 and 600 curved handle  
Min Size 901 - Dublin, Giza, Santiago |
| Heritage Slam Lock and Frame with Escutcheon | Min size 916 - Georgian, Naples, Cairo, Palermo  
Min size 901 - San Marco, Dublin, Giza, Santiago |
| 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 satined 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 supply only Gold and Chrome. |
| Handle type | Lever / Lever  
Lever / Pad  
Leaver / Pad  
BS 7412 and BS 1670:1998 |
| Handle Maintenance | Stainless pull handles must be maintained every few months with soap and water to avoid discoulouration. 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 and Silver Grey 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.*
**Accessories**

**Threshold Options**

<table>
<thead>
<tr>
<th>Threshold Type</th>
<th>Distance from bottom of door leaf to bottom of threshold</th>
<th>Availability</th>
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</thead>
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<td>77mm uPVC Full Frame Threshold</td>
<td>48mm</td>
<td>Gold and Silver</td>
</tr>
<tr>
<td>57mm uPVC Low Threshold</td>
<td>28mm</td>
<td>Gold and Silver</td>
</tr>
<tr>
<td>Stormguard Low Aluminium Threshold</td>
<td>20mm</td>
<td>Gold and Silver only</td>
</tr>
<tr>
<td>Stormguard Plus Threshold</td>
<td>38mm, Available in Silver only.</td>
<td></td>
</tr>
<tr>
<td>Stormguard Plus Rebated Threshold</td>
<td>20mm</td>
<td>Silver only</td>
</tr>
</tbody>
</table>

**Slendertech Handle**

- 600mm Curved Handle
- 1200mm Offset Handle

**Magnum Superior Series 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

**Milenco**

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 Lock**

An automatic 5 point locking system which is operated as soon as the door closes.
Door Knockers

Doctors Knocker available only in Bright Chrome and Gold. Urn Knockers also available with Viewer.

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

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.
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.

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.

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.