# The She allows of the Door Collection

Edition 4

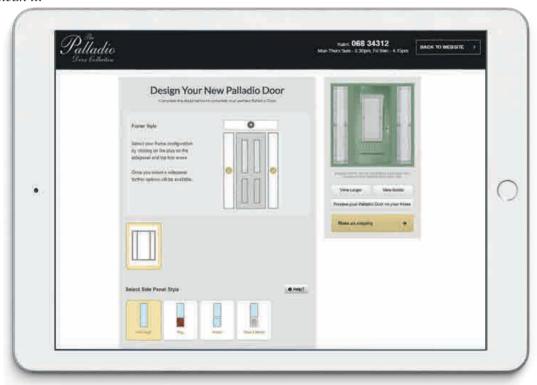
### **D**ear Customer,

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. Combined with our new rage of Patinated glass designs that consists of a sandblasted glass with a clear boarder that will give you modern and contemporary design, our patinated design is achieved through sandblasting not by films or resins that is completely environmentally friendly that will last a lifetime.

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!



Design your new Door, Go to www.palladiodoorcollection.com









## Profile Developments

### PALLADIO DOOR AND GLASS COLOUR INDEX

DOOR	GLASS	PAGI
Albany	TG501 / TG8/ TG200 Red	23,24
Belfast	TG501 / TG186 /TG7 Red /TG8	15.16
Cairo	TG65 / TG63 Red / TG53 Red/ TG64 Red	45,46
Cambridge	TG501 / TG74 / TG190 / TG189 ————————————————————————————————————	1,2
Cashel	TG501 / TG180 / TG136 Black ————————————————————————————————————	25,26
Dublin	TG501 / TG99 / TG160 Red / TG155 Blue ————————————————————————————————————	51,52
Edinburgh	TG501 / TG100 / TG8 / TG102 ————————————————————————————————————	17,18
Georgian Solid	TG501 —	
Georgian 1	TG501 / TG8 / TG77 / TG192	<b></b> 7 <b>,8</b>
Georgian 2	TG10 Red / TG76 / TG8	<u> </u>
Giza	TG105 / TG62	57,59
Glasgow	TG501 / TG205 Black / TG180 ————————————————————————————————————	27,28
Joyce	TG501 / TG178 Red / TG8 / TG108	43,44
Kensington	TG501 / TG193 / TG209 Red ———————————————————————————————————	29,30
Kildare	TG501 / TG160 Red / TG100 / TG215 Black ————————————————————————————————————	41,42
London	TG501 / TG136 Black / TG8 / TG180 ————————————————————————————————————	11,12
Monet	TG501 / TG171 / TG179 / TG170 Red ———————————————————————————————————	,
Naples		<del> 59</del>
Orpen	TG501 / TG175 Red / TG173 / TG94	35,36
Oxford	TG501 / TG184 / TG202 ———————————————————————————————————	37,38
Palermo Glazed	TG501 / TG8 / TG23 / TG96 Red	19,20
Palermo Solid	TG501 / TG114 / TG84 / TG8	21,22
Paris	TG501 / TG143 Black / TG78 Red / TG8	9,10
Picasso	TG206 / TG136 Black / TG85	53,54
Rome	TG501 / TG143 Black / TG136 Black / TG132 Black / TG91 Blue —	3,4
San Marco Solid	TG501	33
San Marco	TG16 / TG91 Blue / TG15 / TG14 / TG157 ————————————————————————————————————	34
San Tiago	TG59 Black / TG106	57
Seville	TG501 / TG143 Black / TG8 / TG131 Red	13,14
Sunbeam 1/2	TG41 / TG43 / TG40 Red&Black / TG91 Blue —	58
T&G Solid	TG501 / TG109 / TG205 Black / TG68	<b>47,48</b>
T&G	TG501 / TG98 / TG48 / TG100 ———————————————————————————————————	<b>49,50</b>
Turner	TG501 / TG186 / TG107 Black / TG8 ———————————————————————————————————	31,32
Viking	TG129 / TG15 / TG100 / TG128 black ————————————————————————————————————	55,56
Sidepanels		
Accessories		
Specification		<b> 60</b>





Our exclusive Patinated designs add a level of sophistication to any of our door styles in the Palladio Collection





Door Type - Rome Glass Type - TG143 Satinized (Min. Glass Width 200 mm) Colour Silver Grey

Door Type - Rome Glass Type - TG136 Satinized
(Min. Glass Width 140 mm) Colour Red



Door Type - Rome Glass Type - TG132 Satinized (Min. Glass Width 200 mm) Colour Anthracite Grey

Door Type - Rome Glass Type - TG91 Satinized (Min. Glass Width 150 mm) Colour Blue











Door Type - London Glass Type - TG136 Satinized (Min. Glass Width 140 mm) Colour Red



Door Type - London Glass Type - TG501 Patinated (Min. Glass Width 170 mm) Colour Anthracite Grey

Door Type - London Glass Type - TG8
(Min. Glass Width 200 mm) Colour Agate Grey

Door Type - London Glass Type - TG180 Satinized (Min. Glass Width 200 mm) Colour Bog Oak









Door Type - **Belfast** Glass Type - **TG7** (Min. Glass Width 210 mm) Colour Red

Door Type - Belfast Glass Type - TG8
(Min. Glass Width 155 mm) Colour Agate Grey





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White Cream Red Blue Bog Oak Green Light Oak Rosewood Chartwell Green Anthracite Grey Silver Grey Burgundy Agate Grey





Door Type - Albany Glass Type - TG8 (Min. Glass Width 170mm) Colour Silver Grey

Door Type - Albany

Glass Type - TG200 Satinized

(Min. Glass Width 140mm)

Colour Red



Glass Type - TG501 Patinated Door Type - Cashel (Min. Glass Width 170mm) Colour Green





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

> Door Type - Cashel Glass Type - TG180 Satinized (Min. Glass Width 200mm) Colour Burgundy



Door Type - Cashel Glass Type - TG136 Satinized (Min. Glass Width 140mm) Colour Agate Grey



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

Door Type - Glasgow

Glass Type - TG205 Satinized

(Min. Glass Width 140mm)

Colour Anthracite Grey

Door Type - Glasgow

Glass Type - TG180 Satinized

(Min. Glass Width 200mm)

Colour Chartwell Green

27)

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

Door Type - Kensington

Glass Type - TG193 Satinized

(min. Glass Width 200mm)

Colour Silver Grey

Door Type - Kensington

Glass Type - TG209

(min. Glass Width 210mm)

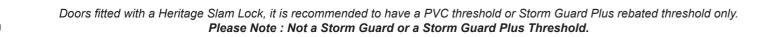
Colour Anthracite Grey





Door Type - Turner Glass Type - TG107 Satinized (Min. Glass Width 240 mm) - Colour Silver Grey

Door Type - Turner Glass Type - TG8 (Min. Glass Width 155 mm) - Colour Bog Oak



Light Oak

Door Type - Turner Glass Type - TG501 Patinated

(Min. Glass Width 170 mm) - Colour Blue

Silver Grey

Burgundy

Rosewood Chartwell Green Anthracite Grey

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



Door Type - San Marco Solid Glass Type - TG501 Patinated (Min. Glass Width 170 mm) Colour Bog Oak





Door Type - San Marco Glass Type - TG16 Colour Red



Door Type - San Marco Glass Type - TG91 (Min. Glass Width 150 mm) Colour Burgundy



Door Type - San Marco Glass Type - TG15 (Min. Glass Width 150 mm) Colour Blue



Door Type - San Marco Glass Type - TG14
(Min. Glass Width 210 mm) Colour Chartwell Green

Door Type - San Marco Glass Type - TG157 Satinized (Min. Glass Width 200 mm) Colour Anthracite Grey



Door Type - Orpen Glass Type - TG501 Patinated (Min. Glass Width 170 mm) Colour Bog Oak





Door Type - Orpen Glass Type - TG175 Satinized (Min. Glass Width 120 mm) - Colour Red



Door Type - Orpen Glass Type - TG173 Satinized (Min. Glass Width 110 mm) Colour Agate Grey

Door Type - Orpen Glass Type - TG94 Satinized (Min. Glass Width 150 mm) Colour Blue



Door Type - Oxford Glass Type - TG202
(Min. Glass Width 200mm) Colour Burgundy







Door Type - Kildare Glass Type - TG160 Satinized
(Min. Glass Width 200 mm) Colour Green

Door Type - Kildare Glass Type - TG100
(Min. Glass Width 250 mm) Colour Bog Oak



Door Type - Kildare Glass Type - TG215 (Min. Glass Width 140mm) Colour Silver Grey



(Min. Glass Width 155 mm) Colour Burgundy

(Min. Glass Width 200 mm) Colour Agate Grey





Door Type - Cairo Glass Type - TG63 Satinized

(Min. Glass Width 160 mm) Colour Red



Door Type - Cairo Glass Type - TG65

(Min. Glass Width 240 mm) Colour Bog Oak

Door Type - Cairo Glass Type - TG53 Satinized
(Min. Glass Width 160 mm) Colour Burgundy

Door Type - Cairo Glass Type - TG64

(Min. Glass Width 160 mm) Colour Anthracite Grey







**Please Note** - All Doors on this page supplied with spy view as standard or with a spyview knocker as an optional extra.

All Doors Styles on This Page
Available with Contemporary
Cranked Pullbar Handle Supplied with
Heritage Slam Locking System. Option
of Fingerpull Escutcheon or Traditional
Lever Handles also available.



Door Type - T&G Solid Glass Type - TG109

(Min. Glass Width 210 mm) Colour light oak



Door Type - T&G Solid Glass Type - TG205 Satinized
(Min. Glass Width 140 mm) Colour Chartwell Green



Door Type - T&G Solid Glass Type - TG68

(Min. Glass Width 200 mm) Colour Anthracite Grey





Door Type - T&G Glass Type - TG98 (Min. Glass Width 210 mm) Colour Bog Oak



Door Type - T&G Glass Type - TG48

Door Type - T&G Glass Type - TG100 (Min. Glass Width 250 mm) Colour Burgundy

(Min. Glass Width 300 mm) Colour Agate Grey







Door Type - Picasso Glass Type - TG136 Satinized (Min. Glass Width 140 mm) Colour Burgundy

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



Door Type - Picasso Glass Type - TG85 Satinized (Min. Glass Width 200 mm) Colour Chartwell Green



Door Type - Viking Glass Type - TG15

(Min. Glass Width 150 mm) Colour Anthracite Grey



Door Type - Viking Glass Type - TG129
(Min. Glass Width 300 mm) Colour Chartwell Green



Door Type - Viking Glass Type - TG100 (Min. Glass Width 250 mm) Colour Blue

Door Type - Viking Glass Type - TG128 (Min. Glass Width 200 mm) Colour Red



Door Type - San Tiago Glass Type - TG59 (Min. Glass Width 210 mm) Colour Agate Grey



Door Type - Giza Glass Type - TG105 (Min. Glass Width 155 mm) Colour Chartwell green



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



Door Type - San Tiago Glass Type - TG106 Colour Red

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 are available with Curved or Pullbar Handle supplied with Heritage slam Locking System. Option of Fingerpull Escutcheon or Traditional Lever Handles also available



Door Type - Sunbeam 1 Glass Type - TG41 Colour Bog Oak



Door Type - Sunbeam 2 Glass Type - TG41 (Min. Glass Width 150 mm) Colour Red



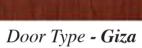
Door Type - Sunbeam 2 Glass Type - TG43
(Min. Glass Width 210 mm) Colour Anthracite Grey



Door Type - Sunbeam 2 Glass Type - TG40 (Min. Glass Width 210 mm) Colour Blue

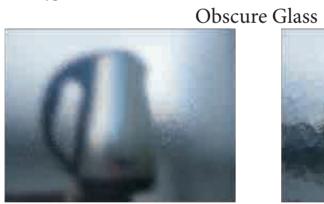
Door Type - Sunbeam 2 Glass Type - TG91 Satinized (Min. Glass Width 150 mm) Colour Burgundy







Door Type - Naples



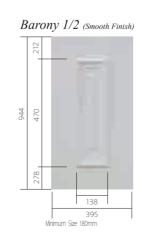




Minster









# **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, Anthracite Grey, Chartwell Green, Light Oak, Silver Grey, Agate Grey and Burgundy. Please note: Half Sidelight Panels are not available in Silver Grey, Agate Grey or Burgundy.		
Double Rebate	Double rebate using two seals achieving excellent draught proofing		
Single Door Slab Size	Min. 782 mm x 1855 mm Single Door Min. 878 mm x 1951 mm 910 mm x 2095 mm With Frame Max. 1006 mm x 2191 mm Please Note: Minimum Size 858 with 57mm frame on lock side.  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, 600 curved handle and Slendertech handle Min Size 911 - Paris, London, Rome, Viking, Edinburgh, Seville, T&G, Picasso, Rubens, Turner, Orpen, Monet, Joyce Oxford, Belfast, Albany, Cashel, Glasgow, Kensington Min Size 901 - Dublin, Giza, Santiago, Cambridge, Kildare		
Heritage Slam Lock and Frame with Escutcheon	Min size 916 - Georgian, Naples, Cairo, Palermo Min size 891 - Sunbeam, T&G, Paris, London, Rome, Viking, Edinburgh, Seville, Picasso, Rubens, Turner, Orpen, Monet, Joyce, Oxford, Belfast, Albany, Cashel, Glasgow, Kensington Min size 901 - San Marco, Dublin, Giza, Santiago, Cambridge, Kildare		
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 satinized 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. (Please note chrome handle and letterbox may vary sightly in colour from door knocker.)		
Drainage Caps	Available in 13 colour options.		
Handle type	Lever / Lever / Pad BS 7412 and BS 1670:1998		
Handle Maintenance	Stainless pull handles must be maintained every few months with soap and water to avoid discolouration. Do not use any abrasive cleaners		
Hinge type	Rebated hinge available White, Caramel, Black and Cream		
PVC outerframe Sculptured	70mm with galvanized steel reinforcing		
PVC outerframe & Sidelight colour	White, Cream, Red, Blue, Bog Oak, Green, Rosewood, Light Oak, Chartwell Green, Anthracite Grey, Burgundy, Agate Grey and Silver Grey available using 28mm triple glazed sidelights		
Threshold	Extra strong - standard and low thresholds available		
3.7.7	Please note, owing to the photographic and printing process used, colour may vary from the printed brochure.  Images shown are for illustrative purposes only. Actual product appearance and placement of furniture may vary		

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# Accessories

**Threshold Options** 

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

threshold - 48mm



threshold - 28mm

57mm uPVC Low **Threshold** Distance from bottom of door leaf to bottom of



Stormguard Low Aluminium Threshold Distance from bottom of door leaf to bottom of

Available in Silver only. threshold - 20mm. Available in Gold and Silver.



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



**Stormguard Plus Rebated Threshold** Distance from bottom of

door leaf to bottom of threshold - 20mm. Available in Silver only. (Not wheelchair accessible)



Slendertech Handle



1200mm Offset Handle 600mm Curved Handle



High Security 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



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 Locking System An automatic 5 point locking system which is operated as soon as the door closes.

### Door Knockers



Doctors Knocker Chrome



Gold



Doctors Knocker





Bright Chrome



Satin Silver



Doctors Knocker available only in Bright Chrome and Gold.

Urn Knockers also available with Viewer

Smokey Chrome

Letterbox



Black



Gold

Bright Chrome



Satin Silver



Smokey Chrome



White

### Escutcheon



Round Stainless Brushed Steel



Gold Finger Pull



Bright Chrome Finger Pull

# Door Knobs



Gold



Bright Chrome

### **Door Handles**





Gold Lever



Bright Chrome Lever





Smokey Chrome Lever





Black Lever Pad



Gold Lever Pad



Bright Chrome Lever Pad



Satin Silver Lever Pad





White Lever Pad

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.

# Reinforcing Plastic Profile Typical Flag Hinge Hinge Wing Seals 6mm glass reinforced outer structure with solid colour Cover Our Hinge





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.

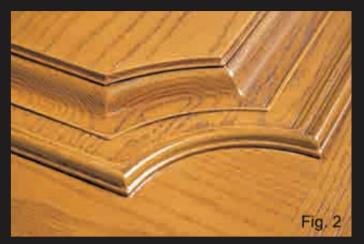


Here you see our superior MONOCOQUE structure and the advantage it holds over its competitors as demonstrated on the opposite page.



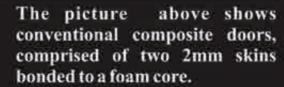
### With Your Security And Safety In Mind





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.







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

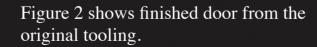


Figure 3 is a good example of bad tooling design that lacks character.

On the other hand, compare this to Figure 4 which you can judge for yourself.







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