

Energy Efficient Entrance Doors

Strong and durable triple glazed doors with real oak effect

Palladio

Energi Doors



MONOCOQUE WAS FIRST PIONEERED IN AIRCRAFT and is a construction technique which enables the structural load to be supported in part by the object's exterior or skin.

Palladio Energi Doors are manufactured using the Monocoque technique which results in a strong and durable door that requires only minimal maintenance.

The thickness of a Palladio Energi Door is nearly one and a half times greater than standard foam composite doors. Inside the doors, a special web traps air and these pockets of air act as a great insulator. Trapped air is a poor transmitter of heat and the thicker Palladio Energi Door creates an insulated barrier between the cold outside and the heated rooms inside. This means that much less heat can escape, keeping your home warmer in very cold weather.

As the door is manufactured in one piece, the risk of de-lamination is eliminated. The result is a strong, durable door which will not warp or twist even in the harshest of weather. The 65mm thickness of the GRP exterior means the depth of detailing can be greater - creating a real timber look with a beautiful grained finish.

To make sure we prevent air leakage we added two seals, not just one like most doors. This higher level of weather resistance keeps driving wind and rain outside – and you stay warm inside.

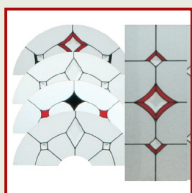
U Value 0.64 (W/m²K)

(U Values vary depending on door style and glass)

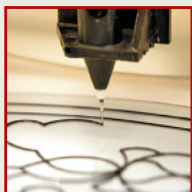
Valentis

Standard Specification

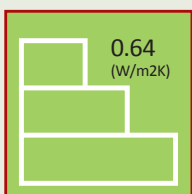
Range of triple glazed glass units with the option of matching side lights



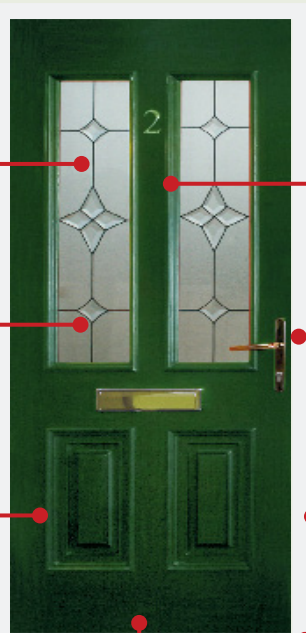
Satinised resin glass designs allow for elegant and intricate designs to be created



Excellent thermal performance with low u-values



Low threshold for easy wheelchair access (optional)



Range of accessory options such as door knockers and spy holes



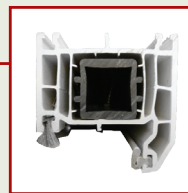
High security multipoint hook lock



Double rebate using two seals achieves excellent draught proofing



Door manufactured using monocoque technique for added strength and durability



Reinforced outer frame for added strength

OPTIONS

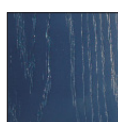
COLOURS:



White



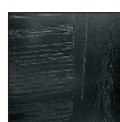
Red



Blue



Green



Black
(Bog Oak)



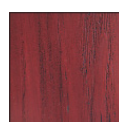
Yellow



Light Oak



Irish Oak



Rosewood



Cream

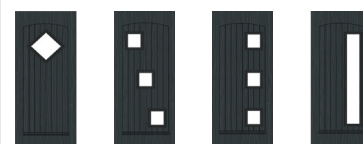
DOOR STYLES:

STANDARD RANGE



Cairo Naples Bordeaux Palermo San Marco Giza Santiago Sunbeam 1 Sunbeam 2 Georgian T & G

MODERN RANGE



Edinburgh London Paris Rome

SOLID DOOR STYLES



Georgian San Marco T&G

DOUBLE DOOR STYLES



Classic Victorian 4 Classic Victorian 3 Classic Victorian Solid

GLAZING PANELS



Quarter Panel

STANDARD SPECIFICATION:

- Manufactured using Monocoque technique which adds strength, durability and eliminates risk of de-lamination
- 65mm door thickness to allow for greater depth of detailing
- 70mm system - available in Esteem and Curve suites
- STYLES: Single Door and Double Door
- Double rebate using 2 seals for excellent draught proofing
- Standard Slab finish: White inside, Colour outside - (choose from White, Red, Blue, Green, Black (Bog Oak), Light Oak, Irish Oak, Rosewood, Cream or Yellow)
- Standard frame finish: White Lead time: 10 working days (subject to cut off times)
- Glazing: Triple Glazed to provide excellent U-values and protect decorative glass
- Lever/Pad handles - Chrome, Gold, Black, White

OPTIONAL EXTRAS:

OTHER:

- Urn Knocker: Available in Chrome, Gold, Black, White. Viewers are available incorporated into urn knockers.
- Letterbox available in Chrome, Gold, Black, White
- Hinges available in White, Brown, Black and Cream
- Lever/Lever Handle - available in Chrome, Gold, Black, White
- Cills: 85, 150, 180mm
- Add ons: 15mm, 30mm
- Coupling: 5mm and 12mm and H/D couplers
- Low aluminium threshold

U Value 0.64 (W/m²K)

(U Values vary depending on door style and glass)