sovereign group limited

- Dedicated to volume manufacture of Composite Doors.
- All doors built to survey not cut to size
- Traditional Rimlatch or Multipoint lock options
- No paint used - truly maintenance free
- Unique patented glazing system makes reglazing easy
- PAS 23 and PAS 24 Tested
- Secured by Design Specification
- Fire doors available
- Side panels available
- Part L and Part M compliant

sovereign group *doors*

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BB9 OTA

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sovereign group doors

MANUFACTURING SIZES

Product Minimum W x H mm	Product Maximum W x H mm
820 x 1978 (door leaf)	1018 x 2088 (door leaf)

• Doorset, Sizes include low threshold but no cill

PRODUCT WEIGHTS

(Nominal)

Product	
Leaf	30kg
PVC-u	45kg
Doorset	35kg
Half Glazed	50kg

DOOR LEAF

- GRP-faced composite door leaf of nominal 44mm thickness
- Supplied fully finished with hardware and glazing pre-fitted

Fibreglass facings

- Compression moulded for high-definition panel design
- Grained surface finish thermoset skin which culminates in total stability irrespective of climatic and temperature changes.
- No finishing required
- Scratch resistant pre-pigmented skins
- GRP skin for high impact resistance
- Low maintenance; wipe down with soft cloth and warm water to clean
- UV stable pre-pigmented colour skins:
  Grained
  White, Red, Blue, Green, Black,
  Rosewood, Light Oak

Sub-frame System

- Composite rails and styles, water resistant, reinforced with engineered timber sub-frame,
- Vertical edges finished with metal face plates.

Core Insulation

- Injected polyurethane foam – 100% CFC free

Glazing System

- Cassette glazing system with grained effect to match skins
- Full perimeter sealed and clipped together, hybrid sealant to the glass and glazing cassette to provide waterproofing and promote high adhesion strength for attack resistance, tested to PAS 024
- Pre-glazed with 24mm thickness double-glazed units to BS EN1279
- Glazed units incorporate laminated and toughened glass to BS 6206
- Low-e glass may be supplied, but is NOT required for compliance with part L1 of the Building Regulations for England & Wales.

DOORSET U-VALUE

- Maximum doorset U-value: 2.0 W/m, K < (WITHOUT low-e glazing)

PVC-U OUTER FRAMES

- Veka 70mm outer frame
- Fully reinforced (extrusion to BS 6063 and BS 14741)
- Two weather seals. Q-lon and brush seal
- UV stable white through colour
- Add-on and ancillary profiles available
- Kitemark: BS7413 (licence no KM 12895)

- Three cill options: 85mm; 155mm; 180mm
- Three extension options: 15mm; 30mm; 45mm
- Available laminated with decorative foil finish
- Rosewood on white to outer face

PVCU Frame Fittings

- Range of aluminium threshold options in anodised gold or mill finish: compliant with part M of the Building Regulations for England & Wales (subject to installation)

HARDWARE

Fullex Crimebeater Door Lock

- 2-shootbolts plus centre latch and deadbolt
- 92mm handle centres; 45mm and 35mm backsets
- Euro-profile Anti-Drill cylinder; brass or nickel finish, with cylinder guard.
- 44mm wide full-height 'clean' wrap-around faceplate completely encapsulates the door edge with matching hinge stile cover-strip, finished in white
- Lever-lever through or split spindle.

Lever furniture

- Cast aluminium lever furniture anodised gold or satin (silver) finish
- Extended lever handles available

Letterplate

- 12" Letterplate:
  Integral weather seals, internal brush- seal
  Extruded aluminium sprung internal and external flap: anodised gold or satin (silver), white.

Ancillary Hardware

- Crimebeater 3D adjustable butt hinges, white, brown, gold, silver
- Gold Anodised Urn door knocker (with or with out spy viewer) other colours available.
- Separate Door viewer:
- Door chain
- Gold Anodised Numerals

STANDARDS

PAS 23-1:1999 & PAS 24-1:1999

- General performance requirements & Enhanced security performance requirements for door assemblies
- All doorsets shown available as tested and passed at a UKAS accredited test house to PAS 23-1:1999 and PAS 24-1:1999
- Copies of test reports available on request
- Must be supplied to specification as tested
- Fully assembled doorsets must be supplied

Secured by Design

- All doorsets shown available as Secured by Design licensed products
- Specification as per PAS 23-1:1999 and PAS 24-1:1999 with additional security:

ALL DOORS:

- One pane of the double glazed unit Laminated
- Locking cylinder to 65 EN 1303 - Grade 3, with anti-pick and anti-drill
- 3-point locking

FRONT DOORS ONLY:

- Door viewer 1500mm standard position, variable upon written request
- Door chain fitted