



SOLICORE

JohnFREDERICKS

MANUFACTURERS OF

theultimate[®]
collection

Ultimate Solicore 44mm Composite Doors Technical Specification

Ultimate 'SOLICORE' 44mm Composite Doors are engineered to achieve enhanced security and stability from the elements thanks to its Hybrid Core Technology (details below). The result is a door that is stronger, more rigid & thermally stable, requiring minimal maintenance and will look beautiful and protect your home for years to come.

PVCu Profile

- Halo Rustique ovolo or System 10 bevelled outer frame
- Standard outer frame 72mm high (optional 84mm)
- Steel reinforced outer frame to manufacturers specification
- Option of GENUS traditional timber look joints on outer frame
- 72mm high PVC-u threshold as standard (optional 56mm PVC-u, 44mm aluminium or 25mm Stormguard Part M threshold)
- 85mm, 150mm, 180mm, 225mm flat bed cills or 165mm deep timber look cill)

Composite Door Construction

- 44mm single rebated
- Hybrid Core Technology:
 - Central PIR foam housed within horizontal timber plinths for thermal efficiency
 - HDF Hi-density sheets for rigidity and strength
 - Slim aluminium sheeting for stability and moisture resistance
 - Exterior grade plywood for GRP support
 - 4mm GRP exterior skins for appearance and durability

Colours

- Vast array of colours to choose from (see QR code)
- Any RAL colour option

Handles

Standard – White lever/lever handle (optional colours available - Black, Chrome, Gold, Graphite, Bronze, Antique Black, Satin, Rose, Pewter)

Additional Handle & Furniture Options

- Swan Neck lever/lever handle available all colour options
- Lever/Pad handle available all colour options
- Noble handle - Pewter & Forged Black
- Monkey Tail handle - Pewter & Forged Black
- Regal handle - Pewter & Forged Black
- Letterbox / Urn Knocker / Ring Knocker available in all handle colour options (Ring Knocker not available in Satin finish but is available in Forged Black)
- Architectural Letterbox - Gold, Chrome, Graphite, Bronze, Antique Black, Pewter, Forged Black
- Heritage Letterbox - Gold, Chrome, Graphite, Antique Black
- Spire Knocker - Pewter & Forged Black
- Austenitic Stainless Steel: letterbox, knocker and handles
- Austenitic Stainless Steel: In-line pull bar handle, 1800mm, 800mm & 400mm

Locking Systems & Cylinders

- Yale 6-point lock (3 x dead bolts, 2 x hook locks and 1 x central latch)
- Optional – Heritage lock with townhouse position key cylinder (inc. external & internal figure pulls with Yale 3 star thumb turn cylinder)
- Optional – Automatic Lock including ovolo stainless steel escutcheon with Yale 3 star thumb turn cylinder (for pull bar handles only)
- Yale 3 star cylinder
- Optional – Yale 3 star thumb turn cylinder

Hinges

- 3 x Mila Ideal hinges – available in White, Black, Gold, Polished Chrome
- Optional – Hinge protectors

Glass Unit Options

- 26mm double glazed with laminated pane
- 38mm double glazed with laminated pane (Inox door style only)
- Triple glazed (selected decorative glass designs only)
- Black spacer bar

Glazing Options

- Clear
- Obscure glass – Satin, Minster, Cotswold & Stippolyte
- Decorative glass – Traditional, Contemporary & Designer (see brochure)

Ventilation

- When specified 2500/4000 trickle vents can be fitted to the top of large outer frame
- Optional concealed trickle ventilation canopy (ventilators to top of outer frame only)

Accreditations

- BS6375-1 weather tested for air, wind & water
- Superior heat and sound insulation
- Slab centre pane vale of approximately 0.8W/m²k
- Glass units which comply with approved Document Q
- 10 year warranty on solid colour
- 5 year warranty on stain finishes (Rosewood, Golden Oak, Irish Oak).

Scan the QR code for the full range of styles and colours



TRADITIONAL



Carnoustie Birkdale Penina Pinehurst Troon Muirfield



Muirfield Solid Riviera Portrush Sunburst Lytham Lytham 4Grid Lytham 9Grid



Turnberry Turnberry 11Grid Belfry Belfry 3 Pevero Sunningdale Farmhouse Solid



Merion Merion 4Grid

CONTEMPORARY



Chantilly Seminole Vilamoura Oakmont & Copenhagen Augusta Augusta Long



Inox Nice Inox Lyon Inox Munich Inox Monaco Inox Barcelona Inox Paris Inox Biarritz

DESIGNER



Monza II Solid Monza II Augusta Long Monza II Augusta Monza II Square Monza II Oakmont Monza II Inox Nice



Monza II Inox Monaco Links Square Links Oakmont Links Copenhagen Links Augusta Links Augusta Long



Woodgrain Finish

An authentic woodgrain texture presented flush for a blank canvas or with highly-defined mouldings for a traditional look.



Monza II Finish

A linear panel design and book-matched woodgrain detail. Totally unique and totally contemporary.



Links Finish

Designed to match the smooth finish of aluminium. Unique, clean and totally customisable.