



Ultimate 44mm Composite Doors Technical Specification

JohnFREDERICKS

MANUFACTURERS OF

theultimate[®]
collection

Ultimate 44mm Composite Doors offer enhanced security thanks to its rigid polymer sub-frame, high density insulated core and high impact resistant GRP skin. With water resistant polymer composite rails, our doors will keep the weather at bay and will stay looking great for longer.

PVC-u Profile

- Halo Rustique Ovolo or System 10 Bevelled outerframe
- Standard outer frame 72mm high
- Steel reinforced outerframe to manufacturers specification

Composite Door Construction

- 44mm Single Rebate
- Perimeter water-resistant solid polymer sub-frame, reinforced with Laminated Veneered Lumber (LVL)
- Thermoset GRP Skin
- High density, 100% CFC-free polyurethane foam core
- Water resistant polymer composite rails

Colour Options

- White 9016 W/grain
- Black 9005 W/grain
- Red NCS S 3560-Y90R W/grain
- Blue 5004 W/grain
- Green 6009 W/grain
- Golden Oak (Stain)
- Rosewood (Stain)
- Distinction Chartwell (Premium)
- Bespoke finish options available (see brochure)
- Option to spray paint bespoke colour

Handles

- Standard – White Balmoral handle
- Optional Colours - Black, Chrome, Gold, Graphite, Bronze, Antique Black, Satin
- Optional Swan Neck Lever/Lever or Balmoral Lever/Pad available all colour options

Locking System

- Milenco 6 Point Lock (3 x dead locks, 2 x opposing hook locks, 1 x centre locking latch).
- Shootbolts not available on Composite Doors
- 3 Star YALE Cylinder
- Optional Varia A-TS Slam-shut Door Lock with Townhouse position key cylinder, internal/external finger pulls, 3 Star YALE Thumbturn Cylinder

Hinges

- 3 x ERA Challenger Hinges - available in White, Brown, Caramel, Gold and Chrome.
- Anti-jemmy hinge bolts not available on Composite Doors

Additional Hardware Options

- Letterbox / Urn Knocker / Ring Knocker available in all handle colour options (Ring Knocker not available in Satin finish)
- Pull Bar Handles in lengths from 400mm min up to 1800mm max and in multiples of 200mm between

Glass Unit Options

- 24mm D/G Toughened or Laminated
- 24mm T/G Laminated (Decorative only)
- Black Spacer Bar

Glazing Options

- Clear
- Satin
- Obscure Glass - Stippolyte, Cotswold
- Decorative Glass (see brochure)

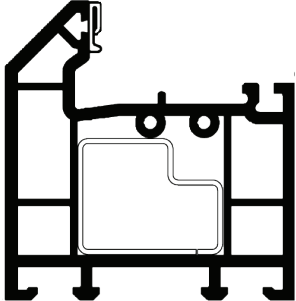
Accreditations

- Achieves BS 6375-1 for weather tightness, air, wind and water
- Reduces outdoor noise by an average of 31dB
- Achieves Global Warming Potential (GWP) score of less than 5
- Achieves Ozone Depletion Potential (ODP) score of zero
- Meets UK Building Regulations U value requirements of 1.6 W/M2K

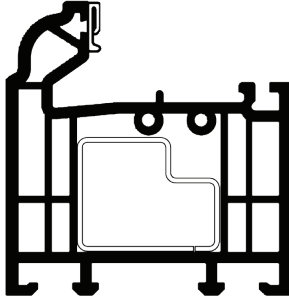
ULTIMATE 44MM COMPOSITE DOORS - TYPICAL SECTIONS

Doors can be Inward or Outward Opening | All measurements in mm

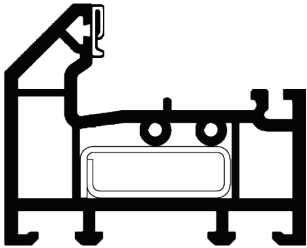
Threshold Options / Cill Options



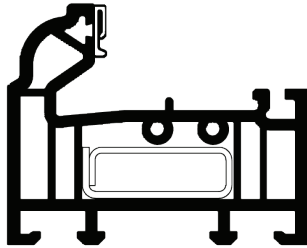
72MM PVC-U THRESHOLD
(BEVELLED)



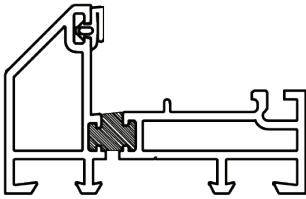
72MM PVC-U THRESHOLD
(OVOLO)



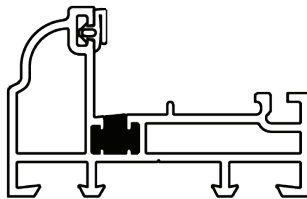
56MM PVC-U THRESHOLD
(BEVELLED)



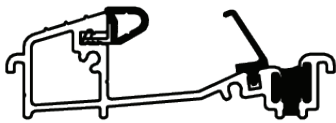
56MM PVC-U THRESHOLD
(OVOLO)



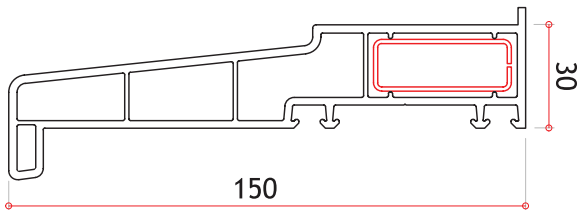
44MM ALUMINIUM THRESHOLD
(BEVELLED)



44MM ALUMINIUM THRESHOLD
(OVOLO)



STORMGUARD
AM3-70 THRESHOLD



Flat Bed Cill 85mm, 150mm, 180mm