



# Ultimate 70mm Composite Doors Technical Specification

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theultimate<sup>®</sup>  
collection

**Ultimate 70mm Composite Doors** feature a multipoint locking system, triple glazing and are dual rebated, providing an additional seal and increased weatherproofing. Water resistant polymer composite rails protect its core and help to repel water absorption which otherwise could lead to delamination of the GRP skin and cause functional problems often associated with lower quality products.

## 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

- 70mm Dual 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
- Black 9005
- Red NCS S 3560-Y90R
- Blue 5004
- Green 6009
- Anthracite Grey
- Chartwell
- Extended Colour Range available (see brochure)
- Sprayed to RAL colour of choice

## Handles

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

## Additional Furniture 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
- Optional High Grade Austenitic Stainless Steel letterbox, knocker and handles

## Locking System

- Yale Mantis 10/12 lock points (dependent on height)
- Shootbolts not available on Composite Doors
- Yale 3 Star cylinder
- Optional Maco Varia Slam-shut Door Lock with Townhouse position key cylinder, internal/external finger pulls, Yale 3 Star thumbturn cylinder

## Hinges

- 3 x Mila Evolution Blag Hinges - available in Polished Gold, Polished Chrome, Smokey Chrome, Smooth Satin Chrome, White, Black, Light Oak, Brown, Anthracite, Agate Grey, French Grey, Ice Cream.
- Anti-jemmy hinge bolts not available on Composite Doors

## Glass Unit Options

- 50mm Triple Glazed (6.8mm laminated, 6mm clear/obscure/decorative centre pane, 4mm toughened)
- Black spacer bar

## Glazing Options

- Clear
- Obscure Glass - Stippolyte, Contora, Minster, Cotswold
- Decorative Glass - Kara, Monza, Aspen, Edwardian, Trieste (Blade door design only)

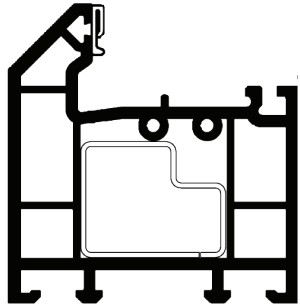
## Accreditations

- 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

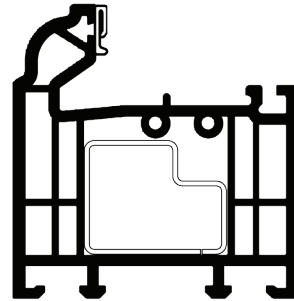
# ULTIMATE 70MM COMPOSITE DOORS - TYPICAL SECTIONS

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

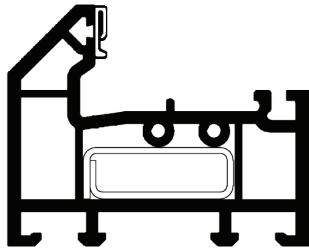
## Threshold Options / Cill Options



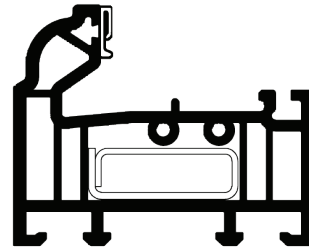
72MM PVC-U THRESHOLD  
(BEVELLED)



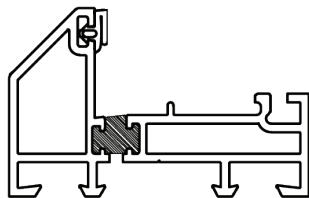
72MM PVC-U THRESHOLD  
(OVOLO)



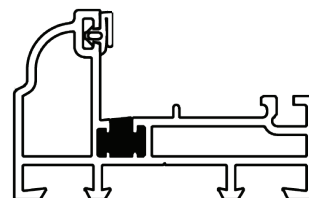
56MM PVC-U THRESHOLD  
(BEVELLED)



56MM PVC-U THRESHOLD  
(OVOLO)



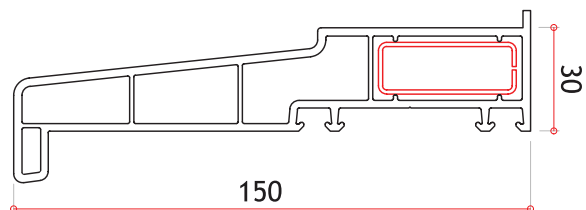
44MM ALUMINIUM THRESHOLD  
(BEVELLED)



44MM ALUMINIUM THRESHOLD  
(OVOLO)



STORMGUARD PART M COMPLIANT  
AM5 OUTWARD OPENING THRESHOLD  
(AM3 inward opening also available)



Flat Bed Cill 85mm, 150mm, 180mm