

77ID Fully Rebated Door System



Our highest-performance door, the 77ID fully rebated door system is ideal for new build and refurbishment developments. This system integrates minimal sightlines into our 77 window systems and is suitable for use in both high and low-rise buildings. The system has been specifically designed to meet the most demanding UK performance requirements in terms of thermals, weathering and security.

Modern contemporary styling and a wide variety of configurations delivering 2025 future ready thermal performance through the latest industry technologies of high-performance polyamides, insulated centre seals, profile foam insertions and class leading weather performance via multiple seals including central gasket which also improves acoustic performance. The 77ID system also fully integrates into our curtain wall and 77 window systems.

For optimal design flexibility, the 77ID is available in single or dual colour options, including any RAL colour and anodised finishes.

DESIGN FEATURES

- › Highest levels of thermal performance
- › Multi chamber low lambda polyamide thermal breaks insulated composite centre seals and profile foam inserts
- › Integrates with AluK curtain wall and 77 series window systems
- › Dedicated groove for factory mounting of membranes ensuring air, wind and water performance
- › 77mm minimal frame depth
- › High performance low threshold solution
- › Fully rebated flush sash profile design for uninterrupted sleek finish

OPTIONS

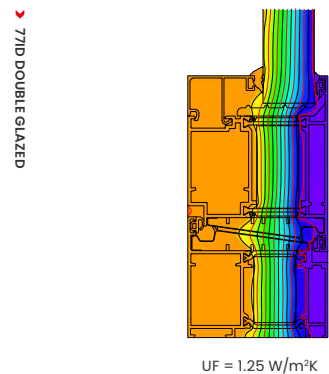
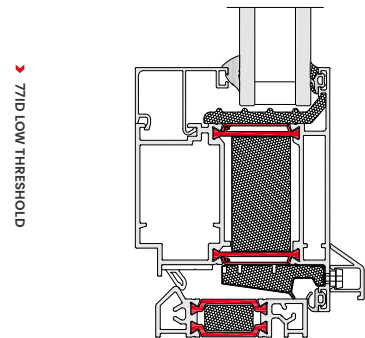
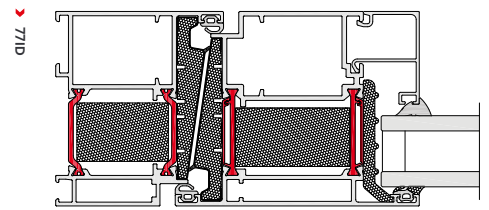
- › Wide variety of configurations
- › Three hinge methods to choose from face mounted, slim barrel and fully concealed
- › Modular locking arrangement both handle or key driven locks
- › Incorporates the AluK Novaue handle design range for suited windows and doors
- › Customisable in almost every possible single or dual colour polyester powder coating, textured or anodised finish available
- › Enhanced PAS24 security tested solutions

SPECIFICATIONS

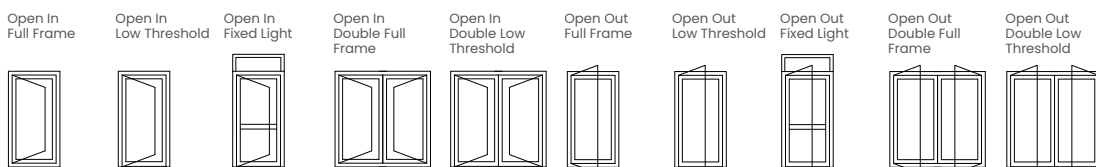
Performance and accreditations	77ID
U-Value (Double Glazing) 1.0 CP	1.2 W/m ² K
U-Value (Triple Glazing) 0.4 CP	0.8 W/m ² K
Air Permeability	Class 4 (600 Pa)
Water Tightness	9A (600 Pa)
Wind Resistance	C5 (2000 Pa)
Security	PAS 24 & SBD
3rd Party Certification Q-Mark	✓
System	
Depth	77mm
Configurations	
Open In / Out	✓
Single / Double Doors	✓
Low Threshold	✓
Fully Rebated	✓
Weight limits	
Max Size (mm)	1250w x 3100h (See Technical Manual)
Min. Size (mm)	650w x 1860h (See Technical Manual)
Max Weight	160kg (See Technical Manual)
Glazing	
Glazing Thickness	24mm – 50mm
System features	
Single Colour	✓
Dual Colour	✓
Textured Finish	✓
Anodised Finish	✓
Multi-Point / Single Locking	Multi-Point
Standard Hardware Groove	AluK IW Groove
EPDM Groove	✓
Locking Handles	✓
Concealed Hinges	✓
Flush Profiles	✓

CAD CROSS SECTIONS AND THERMAL PROFILE

Additional details are available on request.



CONFIGURATIONS



These elevations are PAS24 compliant.