

CROWN RESIDENTIAL DOOR



TECHNAL[®]

By  Hydro



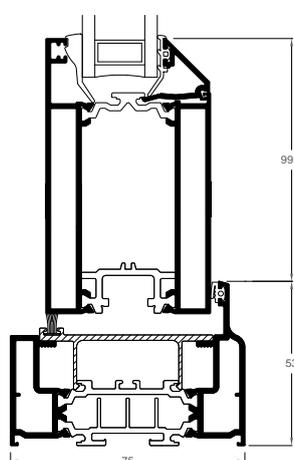
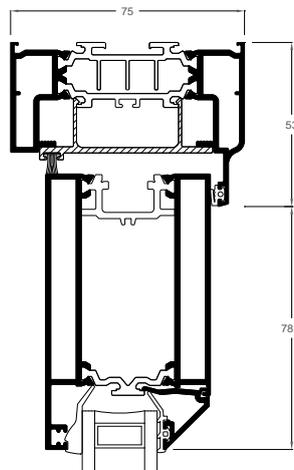
CROWN

/ RESIDENTIAL DOOR

The Crown Residential Door, available in both single and double opening, has been designed to suit all applications including 'front' and 'back' door options. The sleek sightlines provide clean aesthetics without compromising performance and strength.

STYLISH ELEGANT RESIDENTIAL DOOR

- Traditional design with slim sight lines to replicate timber doors
- Square cut rails and stiles
- Can achieve a Ud of 1.5 W/m²K
- Virtually maintenance free
- Dual colour available
- Outer frames use Si technology for improved thermal performance
- Dualsecure locking system for peace of mind
- Available with PAS24 Security
- Compatible with Crown window suite



CROWN

/ DESIGNED FOR EASE

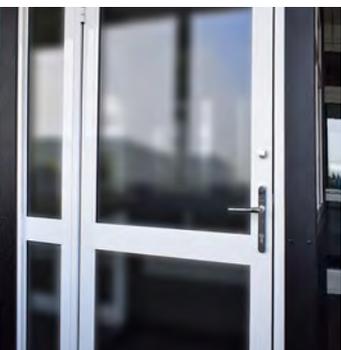
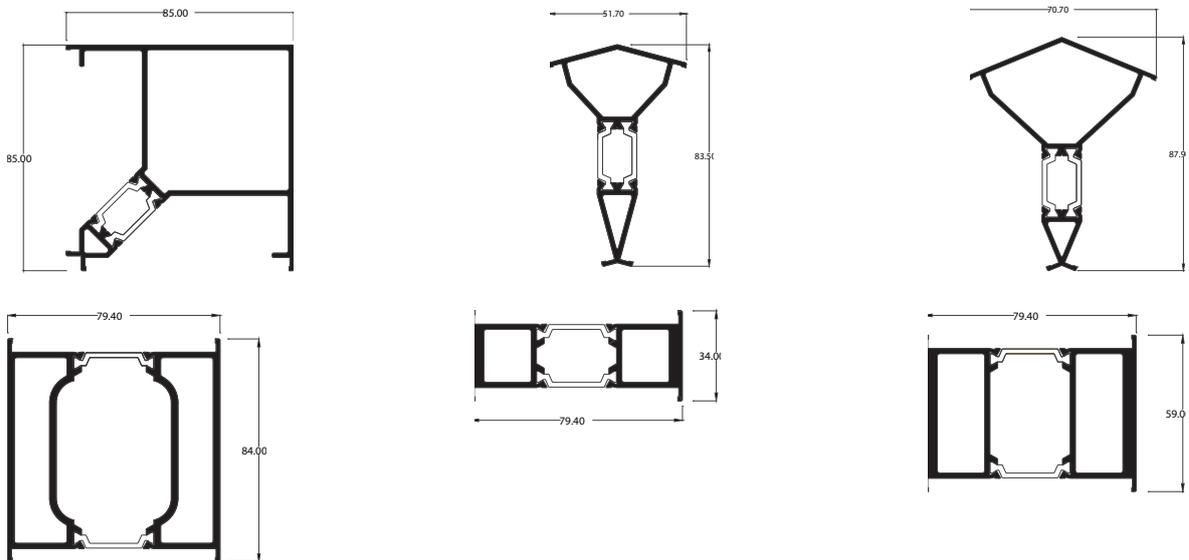
THE CROWN RESIDENTIAL DOOR IS SUITABLE FOR ALL PROJECT TYPES, PROVIDING A PERFECTLY ADAPTABLE DOOR FOR YOUR CUSTOMERS REQUIREMENTS.

- Part L compliant
- Door can be glazed from either inside or outside for flexibility
- Adjustable hinges
- Concealed fixings and corner jointing
- Extruded corner bracket for ease of fabrication and strength
- Available with standard, low or rebated low threshold
- Door can accommodate glazing units of either 24mm or 28mm
- Trim plates to conceal preps and fixings for improved aesthetics to both the door and the outer frame
- Square and sloped beading options to complement Crown Casement windows
- Full range of colour options
- Suited hardware available

VERSATILE INTEGRATED DOOR

The Crown Residential Door can be used independently, but can also be combined using Universal Frame coupler profiles, with our other 75mm systems.

This makes the door compatible with other Technal 75mm systems for the creation of façades, screens or side lights.



CROWN

/ SIMPLE AND SECURE SECURITY AT THE HEART OF THE DOOR

DELIVERING PEACE OF MIND WITH SECURITY ABOVE AND BEYOND THE EXPECTED.

HINGES

The Crown Residential Door also features a robust bespoke hinge, providing high security, minimal intrusion and an integrated hinge bolt, offering increased resistance to forced entry. The hinge boasts unique functionality allowing full adjustment of the door during installation, ensuring correct alignment of door and frame.

LOCKING

Security is integral within the Crown Residential Door and high performance, multipoint hook locks are fitted as standard. All double doors are fitted with integral shoot bolts.

STRENGTH THROUGHOUT

The inherent strength of aluminium, combined with our Dualsecure system, provides a truly strong door.

New three chamber profile design and construction methods, deliver increased strength and performance to the new Crown Residential Door.

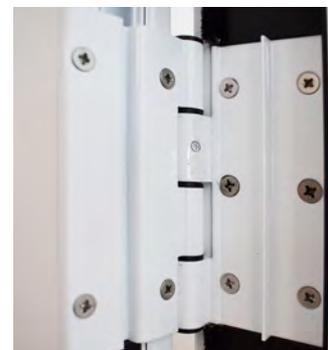
Coupled with the new security hinge and the proven Dualsecure locking systems, the Crown Residential Door provides a perfect solution.

PATENTED LOCKING TO PAS24

The door is available to PAS24 specification utilising our unique 'Dualsecure' locking, which adds the benefit of a 5 Lever security "lock out" function, to deadlock the lock independently of the cylinder. This additional feature restricts the movement of all locking parts and provides exceptional levels of security. To ensure easy egress in case of emergency, such as fire, we provide this deadlock function with an easy to use thumbturn option on the inside. This reduces the need to keep additional keys and exit can be made quickly and safely. To improve weathering, the outside escutcheon for the deadlock has an ingenious internal shutter system, which restricts air flow.



FM 01154





CROWN

/ SUITED TO COMPLEMENT

Silver



Matt black powder coated



Gold



Pure white powder coated



Polished chrome

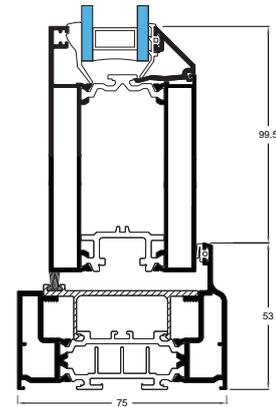


Polished gold



SPECIFICATION

		MIN	MAX
SINGLE DOORS	STANDARD THRESHOLD	600mm x 1879mm	1074mm x 2230mm
	LOW THRESHOLD	600mm x 1865mm	1074mm x 2216mm
	REBATED LOW THRESHOLD	600mm x 1863mm	1074mm x 2214mm
DOUBLE DOORS	STANDARD THRESHOLD	1133mm x 1879mm	2072mm x 2230mm
	LOW THRESHOLD	1133mm x 1865mm	2072mm x 2216mm
	REBATED LOW THRESHOLD	1133mm x 1863mm	2072mm x 2214mm



		AIR PERMEABILITY	WATER TIGHTNESS	WIND RESISTANCE
SINGLE DOORS	STANDARD THRESHOLD	CLASS 3	CLASS 3A	CLASS 3 (1200 PA)
	LOW/REBATED LOW THRESHOLD	CLASS 3	CLASS 6A / 4A	CLASS 3 (1200 PA)
DOUBLE DOORS	STANDARD THRESHOLD	CLASS 2	CLASS 4A	CLASS 3 (1200 PA)
	LOW/REBATED LOW THRESHOLD	N/A / CLASS 2	N/A / CLASS 2A	N/A / CLASS 3 (1200 PA)

ALL DOORS	MAXIMUM LEAF WEIGHT	120KG
	GLAZING THICKNESS	24MM OR 28MM

** Exposure category varies with width/height of door and mullion/transom used, as these are the only unsupported members. An accurate figure can be obtained using BS6399:Part 2 calculations.



IMAGINE WHAT'S NEXT

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