

# Aluminium Penthouse Patios

99mm Direct Fix Polyamide Frame - Internally Glazed



## Duration Windows

Units 4-5,  
Charfleets Road,  
Canvey Island,  
Essex. SS8 0PQ

t: 01268 681612 (15 lines)  
f: 01268 510058  
e: [sales@duration.co.uk](mailto:sales@duration.co.uk)  
w: [www.duration.co.uk](http://www.duration.co.uk)



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Supplying high quality aluminium products since 1985

## The Penthouse Patio Door

These superb sliding patio doors have been designed to offer maximum glass areas, resulting in increased natural light and unobstructed views of the world outside. These doors are capable of large widths and heights and despite their weight, the high specification hardware enables them to slide easily with minimum effort. Constructed from strong low maintenance polyamide thermally broken aluminium profiles, these doors deliver thermal efficiency and high weather performance. This makes these doors suitable for use in areas that are highly exposed to the elements. For example; on a balcony in the third floor of an apartment building or by the coast, facing the sea.

Our 'Penthouse' patio doors are versatile and offer offering many different styles and designs. All panels can slide, and a triple track system with three panels can achieve approximately a two thirds clear opening. Not only are these doors flexible, but they are practical too. They have a specially designed threshold that enables you to bring the internal floor level, flush with the top of the threshold, minimising any trip hazard. Suitable for both commercial and domestic applications, these doors will fill your property with light and make the most of a beautiful view.

### Features

- White, Silver, Brown, Black, KL colour range or any RAL colour.
- Dual colour available for two track patios. (Different colours inside and out)
- Slim, strong, low maintenance profiles, give unobstructed views, maximum glass and light, while minimising the amount of frame.
- 2, 3, 4, or 6 panel configurations available - all panels can slide.
- Panels slide on a double or triple track system.
- A triple track system with three panels, gives around a two-thirds clear opening and maximum flexibility.
- Panels can be up to 2.5m wide each, therefore a 5m wide opening can be achieved with just two sliding panels.
- High weather performance, makes these doors suitable for use in exposed areas. i.e. on a hill, by the coast or a 3rd floor balcony.
- Superior Polyamide thermally broken aluminium profile.
- Maximum panel weights of up to 200 Kg.
- A combination of stainless steel tracks and high specification hardware, will ensure that despite their weight your doors will slide gracefully and with ease for years to come.
- Multipoint high security lock consists of 4 mushroom bolts and a hook lock. Locking is fully concealed for added security.
- Conventional D-handles or unique lever-lever handle, which is designed to park upright with no intrusion into the glass area.
- Specially designed threshold may be flush fitted level with the internal floor, minimising any trip hazard.
- Maximum overall width of 6950mm.
- Maximum overall height of up to 2700mm using a heavy duty interlock, or up to 2350mm using a standard interlock.\*
- Optional head extension for trickle vents.
- Finish your installation with our unique colour matched aluminium quad trim.

## Contact Us For More Information



High Weather Ratings



Beautiful Unobstructed Views



Many Styles & Designs



Specially Designed Threshold



High Security Multi-point Locks

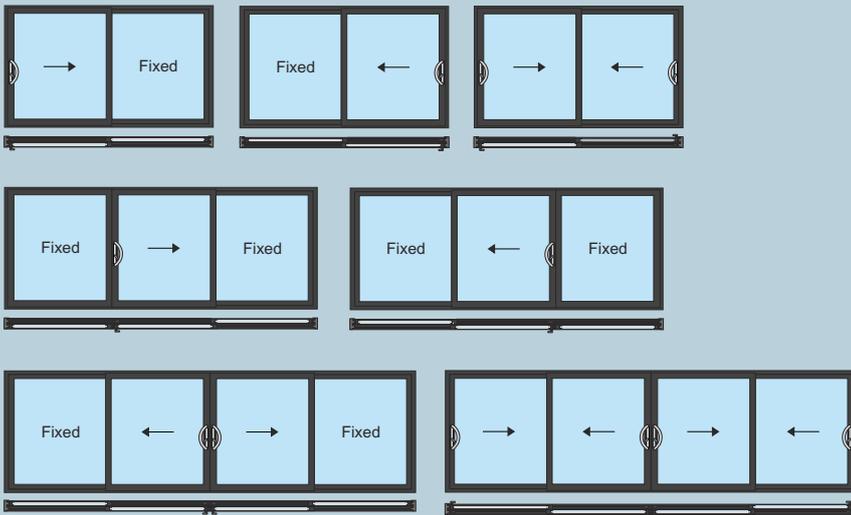
## Robust & Flexible

This patio system uses high strength aluminium profiles and optional to heavy duty interlocks and meeting stiles. It can achieve heights of up to 2700mm and widths of up to almost 7000mm, each panel can be a massive 2500mm wide. It has been designed to withstand high wind loadings of up to 2000 Pa and provides can take air pressures of up to 600Pa and water pressures of up to 300Pa. All these factors make these patio doors suitable for both new build and replacement and refurbishment projects for the majority of both commercial and residential applications.

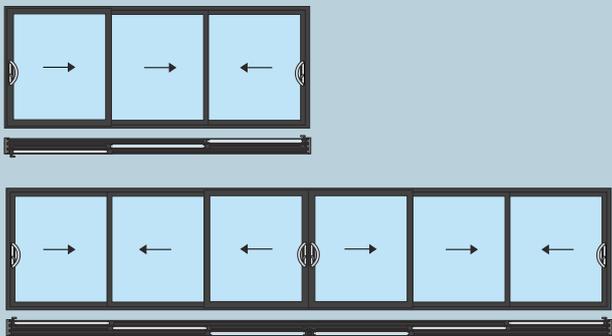
## High Security

These patio doors are very secure featuring a five point high security multipoint locking, which consists of four omni-directional mushroom bolts, and a heavy duty hook lock. It has anti-lift blocks to prevent the sliding panels from being forced out of the frame and is internally glazed for added security. The sliding panels then wrap the frame to conceal the locks and keeps, making it incredibly difficult to get at the locks when the doors are closed.

## Two Track Panel Configurations



## Three Track Panel Configurations



Recommended Sizes					
Min. Width	1400mm	Min. Height	1800mm	Max. Panel Width	2500mm
Max. Width	6950mm	Max. Height	2700mm	Max. Panel Weight	200kg

\*Maximum panel widths and heights may differ depend on wind loading.

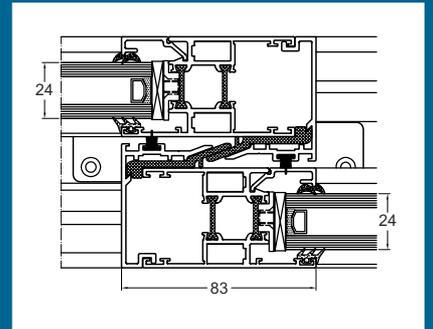
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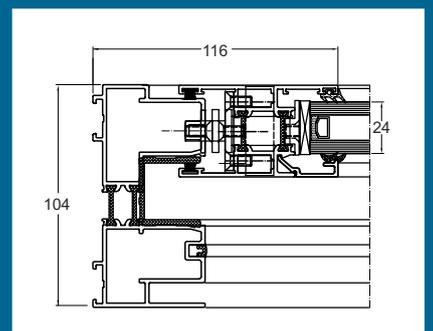
Suitable For Exposed Locations



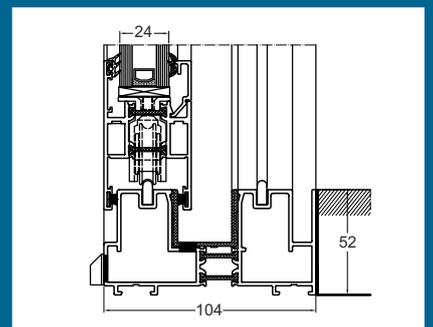
Unique Handles Park Upright



Slim Interlocks - Just 83mm



Jamb Sections - 116mm



Threshold - Dropped 52mm

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