

ComfortSmart Ultra Sliding and Stacking Doors

The ComfortSmart Ultra sliding and stacking door has a robust, energy-efficient thermally broken frame that is optimised to meet the needs of the building industry and reach the new rating requirements with ease. With its low-profile sill, it also serves as an ideal solution for accessibility requirements.



Key features

- The ComfortSmart series maintains our unique inline reveal system for easy installation.
- Robust, modern frame supports larger sized doors up to 3000mm high (2660mm is the standard size).
- Option for factory-fitted flashing to fully comply with the NCC requirements.
- The die-cast zinc flush pull handle offers strength and corrosion resistance. The flip-out function makes opening large doors easy.
- The D-handle is designed with both robustness and ergonomics, ensuring a secure grip for easy operation.
- Flush pull and D pull handles provide versatile installation: as double handles or in mix-and-match combinations.
- The low profile 35mm sill height is the same height inside to outside, a perfect solution for accessibility requirements. Complying with LHA Silver Level, SDA Robust level, and NCC 2022 Livable Housing Design Standard.
- Overlapping interlocks minimise the sightlines of the interlock and allow for more glass and light.
- Bespoke heavy-duty 32mm rollers provide smooth and easy operation.
- Available in a variety of configurations to suit a range of home styles and designs – including bi-parting and corner doors.
- Concealed, shadow-line drainage.
- Panels are removable by lifting them up into the head, for easy maintenance of rollers and tracks.



Thermally broken frames tick all the boxes when it comes to durability, design, flexibility, and energy performance.

ComfortSmart Ultra Sliding and Stacking Doors

Specifications

Product	Sliding and Stacking Doors
Product Series	ComfortSmart Ultra
Frame Profile	Sliding door – 134mm x 53mm (jamb/sill), 58mm (head). Stacking door – 210mm x 53mm (jamb/sill), 58mm (head)
Sill Options	Accessible sill as standard
Max Frame	3000mm high (2660mm is the standard size)
Max Sash	2940mm high x 1500mm wide
Sash Profile	Stiles - 103mm, rails - 82mm, interlock - 58mm
Glazing	24mm Double glazing only
Bal Rating	BAL40
Seal Type	Mohair with a fin
Colour Options	Black, White, Surfmist and Monument
Screen Options	Flyscreen and barrier screens
Hardware Options	D handle - Black or Brushed Nickel Flush pull handle - Black or Brushed Nickel
Installation Options	By builder
Warranty	10-year warranty

For full range of configurations and standard sizes refer to the standard size and range charts.

Performance

Acoustic Performance	
Performance Criteria	Glass Type
RW31	Double glazing – 4/16Ar/4
RW33	Double glazing – 6.38 Lam/14Ar/4
RW34	Double glazing – 6.5 Vlam Hush/14Ar/4
RW33	Double glazing – 10.38 Lam/8Ar/6
RW35	Double glazing – 12.5 Vlam Hush/8Ar/4
Wind & Water Performance	
Performance Criteria	Rating
SLS	1200Pa
ULS	3000Pa
Water	200Pa
N rating	N4 corner
Thermal Performance	
Performance Criteria	Rating
Double glazed Uw range	1.8 – 3.1
Double glazed SHGC range	0.19 – 0.61



Accessible sills for achieving compliance with ease.

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Hardware



D handle (inside or outside)



Flush pull handle (inside or outside)

Screens



Aluminium sliding screen fixed externally



Aluminium stacking screen fixed externally

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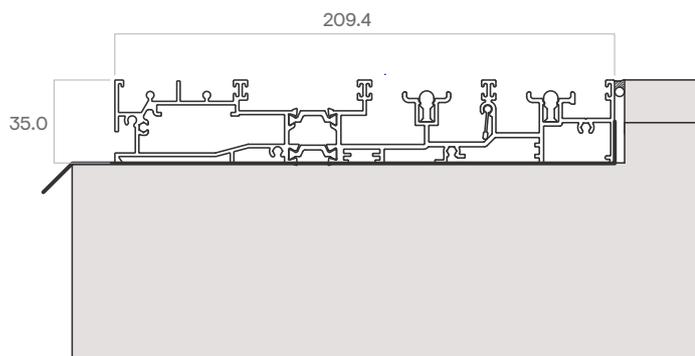
Sill building in details

210mm stacking door sill

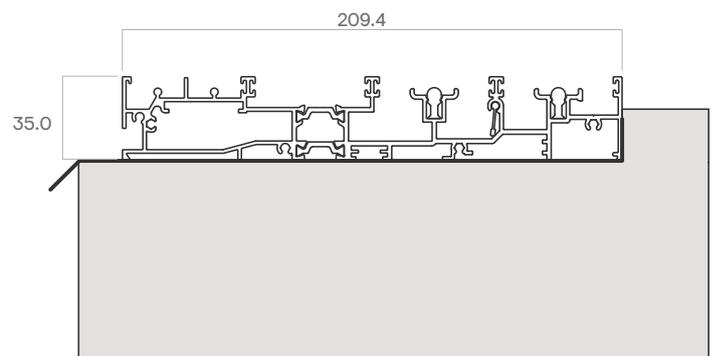


Flush threshold shown above.

Flush threshold



Standard threshold



Concrete cutout is the responsibility of the builder.

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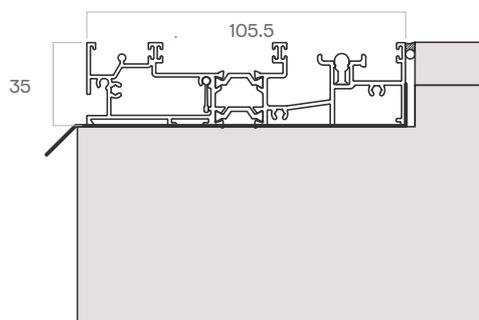
Sill building in details

134mm sliding door sill

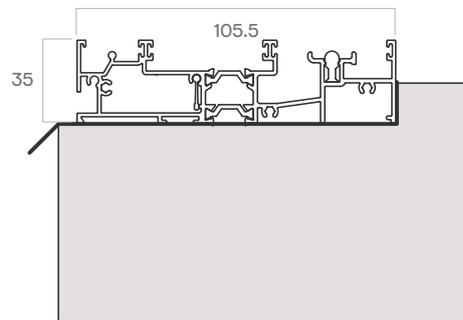


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