

# THERMAARC SLIDING & STACKING DOORS



The ThermaArc sliding and stacking door is the perfect combination of energy performance and style, available in sizing up to 3000mm high, allowing for maximum visual impact. These doors feature premium hardware options for an elevated design aesthetic.

- Robust, modern frame supports larger doors up to 3000mm high.
- Flexible internal and external finishing options for all styles and tastes.
- Compatible with different construction methods and materials.
- Available in a variety of configurations for innovative designs. – including bi-parting and corner doors.
- Low profile sill complies with accessibility requirements and makes achieving flush thresholds easy.
- Choose the flip-out flush pull handle with integrated lock for a discreet hardware option, suitable for opening large doors. Or make a statement with the D pull handle with matching die cast zinc escutcheon.
- Install the flush pull and D pull handle as double handles or in combination configurations.
- Overlapping interlocks reduce sightlines, allowing for more glass and light. Two interlocker types cater to your various performance needs.
- Bespoke heavy-duty 32mm rollers provide smooth and easy operation.
- Concealed, shadow-line drainage slots.
- Panels are removable by lifting the sash up into the head, for easy maintenance of rollers and tracks.
- Performance seals offer improved noise insulation and prevent dust, water and wind penetration.



#### **Thermally broken and energy efficient frames**

The thermally broken frames provide optimum energy performance, reduce energy costs, and improve comfort.

# THERMAARC SLIDING & STACKING DOORS

## Specifications

<b>Product</b>	<b>Sliding &amp; Stacking Doors</b>
<b>Product series</b>	ThermaArc
<b>Frame profile</b>	Sliding door – 134mm x 35mm (jamb/sill), 40mm (head). Stacking door – 210mm x 35mm (jamb/sill), 40mm (head)
<b>Sill options</b>	Accessible sill as standard
<b>Max frame</b>	3000mm high
<b>Max sash</b>	2940mm high x 1500mm wide
<b>Sash profile</b>	Stiles - 103mm, rails - 82mm, interlock - 58mm
<b>Glazing</b>	24mm Double glazing only
<b>BAL rating</b>	BAL40
<b>Seal type</b>	Mohair with a fin
<b>Colour options</b>	Ultra Black, Pearl White, Surfmist and Monument
<b>Screen options</b>	Flyscreen and barrier screens
<b>Hardware options</b>	D handle - Black or Brushed Nickel Flush pull handle - Black or Brushed Nickel
<b>Installation options</b>	By builder
<b>Warranty</b>	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
<b>RW31</b>	Double glazing – 4/16Ar/4
<b>RW33</b>	Double glazing – 6.38 Lam/14Ar/4
<b>RW34</b>	Double glazing – 6.5 Vlam Hush/14Ar/4
<b>RW33</b>	Double glazing – 10.38 Lam/8Ar/6
<b>RW35</b>	Double glazing – 12.5 Vlam Hush/8Ar/4
Wind and water performance	
Performance criteria	Rating
<b>SLS</b>	1200Pa
<b>ULS</b>	3000Pa
<b>Water</b>	200Pa
<b>N rating</b>	N4 corner
Thermal performance	
Performance criteria	Rating
<b>Double glazed Uw range</b>	1.8 – 3.1
<b>Double glazed SHGC range</b>	0.19 – 0.61



### Seamless transitions from inside to outside

Achieve flush thresholds with matching sill heights inside and out.

# THERMAARC SLIDING & STACKING DOORS

## Hardware



D handle (inside or outside)



Flush pull handle (inside or outside)

## Screens



Aluminium sliding screen fixed externally



Aluminium stacking screen fixed externally

# THERMAARC SLIDING & STACKING DOORS

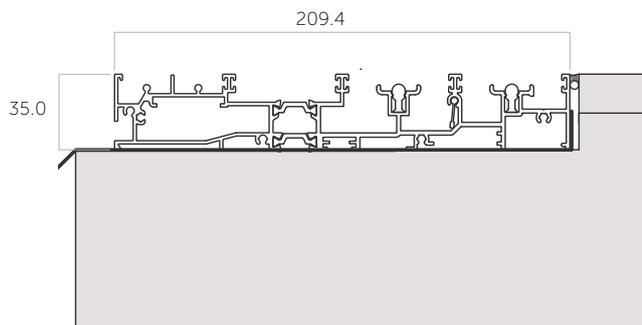
## Sill building in details

210mm stacking door sill

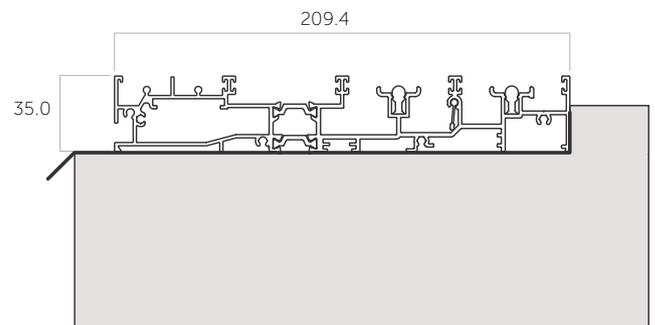


Flush threshold shown above.

Flush threshold



Standard threshold



Concrete cutout is the responsibility of the builder.

# THERMAARC SLIDING & STACKING DOORS

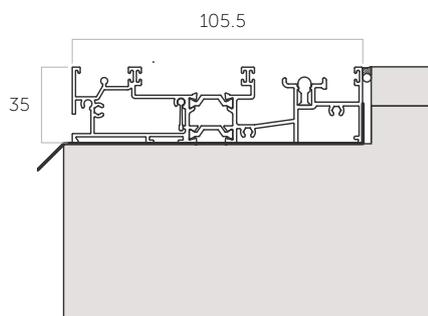
## Sill building in details

### 134mm sliding door sill

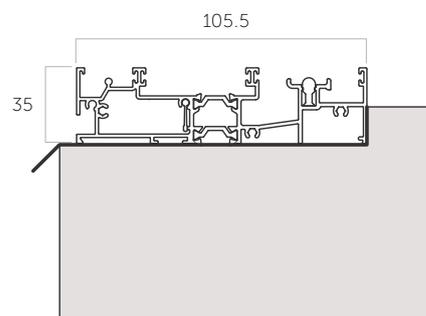


Flush threshold shown above.

### Flush threshold



### Standard threshold



Concrete cutout is the responsibility of the builder.