

# THERMARES SLIDING & STACKING DOORS



The ThermaRes thermally broken sliding and stacking door provides uncomplicated design flexibility, perfect for connecting your home's interior with the outdoors.

The slim profile frame with a low profile 35mm sill height makes achieving flush thresholds easy.

- Square slimline frame for a clean, minimalist style.
- 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.
- Double glazing prevents heat transfer between inside and outside and promotes high-performance energy efficiency.
- Low profile sill complies with accessibility requirements and makes achieving flush thresholds easy.
- Overlapping interlocks minimise the sightlines of the interlock and allow for more glass and light. Two types of interlockers depending on your performance needs.
- Pull handle with integrated snib and lock.
- 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.
- A range of glazing options to improve comfort, serenity, security and privacy.



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

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

# THERMARES SLIDING & STACKING DOORS

## Specifications

<b>Product</b>	<b>Sliding &amp; Stacking Doors</b>
<b>Product series</b>	ThermaRes
<b>Frame profile</b>	Sliding door – 106mm x 35mm. Stacking door – 172mm x 35mm
<b>Sill options</b>	Accessible sill as standard
<b>Max frame</b>	2600mm high
<b>Max sash</b>	2545mm high x 1500mm wide, max weight 200kgs
<b>Sash profile</b>	Stiles – 60mm, rails – 84mm, interlock – 46m
<b>Glazing</b>	20mm 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</b>	D handle
<b>Installation</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

<b>Acoustic performance</b>	
<b>Performance criteria</b>	<b>Glass type</b>
<b>RW32</b>	Double glazing – 4/12Ar/4
<b>RW32</b>	Double glazing – 6/8Ar/6
<b>RW34</b>	Double glazing – 4/10Ar/6.38 Lam
<b>RW34</b>	Double glazing – 6/6Ar/10.38 Lam
<b>RW35</b>	Double glazing – 4/10Ar/6.5 Vlam Hush
<b>Wind and water performance</b>	
<b>Performance criteria</b>	<b>Rating</b>
<b>SLS</b>	800Pa
<b>ULS</b>	2000Pa
<b>Water</b>	200Pa
<b>N rating</b>	N4
<b>Thermal performance</b>	
<b>Performance criteria</b>	<b>Rating</b>
<b>Double glazed Uw range</b>	1.7 – 2.8
<b>Double glazed SHGC range</b>	0.20 – 0.64



### Seamless transitions from inside to outside

Achieve flush thresholds with matching sill heights inside and out.

# THERMARES SLIDING & STACKING DOORS

## Hardware



D handle (inside)



Slim handle (outside)

## Screens



Aluminium sliding screen fixed externally



Aluminium stacking screen fixed externally

# THERMARES SLIDING & STACKING DOORS

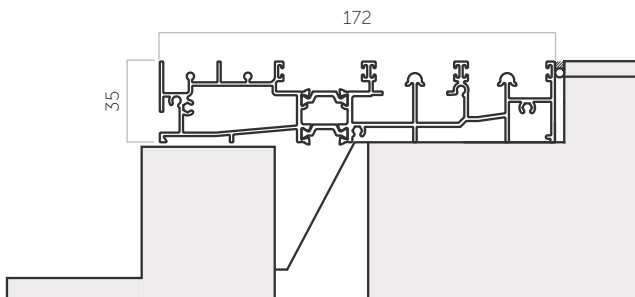
## Sill building in details

### 172mm stacking door sill

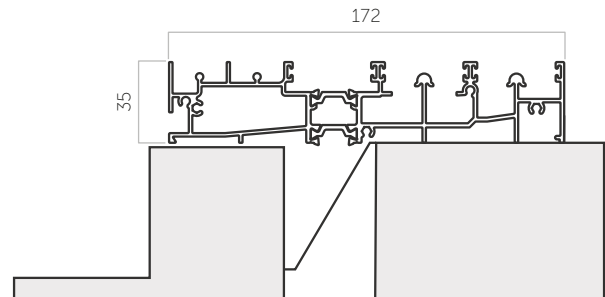


Flush threshold shown above.

### Flush threshold



### Standard threshold



Concrete cutout is the responsibility of the builder.

# THERMARE SLIDING & STACKING DOORS

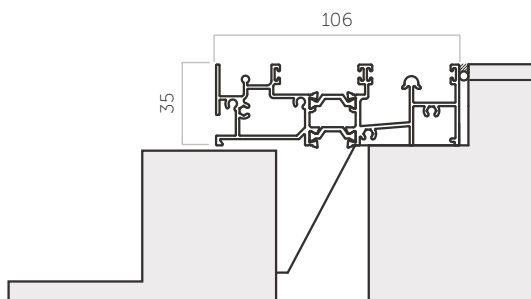
## Sill building in details

### 106mm sliding door sill

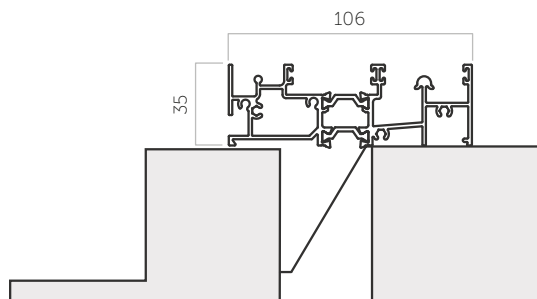


Flush threshold shown above.

### Flush threshold



### Standard threshold



Concrete cutout is the responsibility of the builder.