Instant Door & Window Parameters

Most of the menu items are accompanied by an image to identify the function. Here I comment on the main items and nuances.

**Type** The basic type of window or door assembly. Click the icon to display the image gallery. A family of styles can sometimes be made from a single style simply by changing type and saving as a new style.

---

**Win** The detail for the window portion of a component. When the style is an assembly made up of several windows, the detail for each component window is chosen separately.

---

**Detailed Explanation**

**Type**

- **Hint:** If using Double Wall with multiple wall thicknesses, it can be helpful to set the swing to “Out” - especially for interior doors. That way the door will always register at face of wall.

- Doors may wing, slide, or fold to the right or left. If the “Both” parameter is chosen, then a swinging door will have both left and right swing options. Note that door hardware will not be applied with this setting because the handle could be on either edge.
Door: The detail for the door portion of a component. When the style is an assembly with a side door, the detail for each component door is chosen separately.

Other Door shapes: The detail for the arch, double arch, garage, door shapes have separate detail options.

Grid: For rectangular. Think of Craftsman and Prairie as rectangular grid muntin layouts with some of the muntins removed.

Arch: For arch top windows. Not all options will be available for all round type windows and may default to rectangular.
Various preset surrounds are available.

To use a custom profile for your surround, draw a 2d profile in the xy plane and save it as a component. The easiest way is to
1. Choose the included VA_sample_casing and make any door or window.
2. Open Sketchup’s component browswer and select/place the VA_sample_casing component from “In Model”.
3. Keeping the same orientation and axis, edit the profile face component into a new shape.
4. Run Instant Door Window using the component shape for the surround.

“Depth” is the distance from outside of wall to inside edge of jamb extension. If using “Double Wall”, the inside and outside jambs can overlap allowing for some variation in wall thickness using the same door or window components. The exception is corner windows where “Depth” must be the exact depth of the wall.
Hint: If using Double Wall, the inner and outer components will often overlap better if Frame Thick is the same.

If set to **By Swing**, an in-swing door will be set to the inside of the Depth and an out-swing door will be set to the outside.

If set to **By Distance**, whether in-swing or out-swing, the door will be located in the frame at **Door Inset** distance from the outside.

---

**Sill**  Several preset sill shapes are available.

<table>
<thead>
<tr>
<th>Sill Options</th>
<th>Vali Architects</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Sill Options" /></td>
<td><img src="image" alt="Vali Architects" /></td>
</tr>
</tbody>
</table>

---

<table>
<thead>
<tr>
<th>Type</th>
<th>Sill1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sill Thick</td>
<td>1 1/2&quot;</td>
</tr>
<tr>
<td>Sill Depth</td>
<td>1 1/2&quot;</td>
</tr>
<tr>
<td>Sill Extension</td>
<td>1&quot;</td>
</tr>
<tr>
<td><strong>LINTEL</strong></td>
<td></td>
</tr>
</tbody>
</table>
Like the custom surround, to use a custom profile for your sill, draw a 2D profile in the xy plane and save it as a component. The easiest way is to:

1. Choose the included VA_sample_sill and make any door or window.
2. Open Sketchup's component browser and select/place the VA_sample_sill component from “In Model”.
3. Keeping the same orientation and axis, edit the profile face component into a new shape.
4. Run Instant Door Window using the component shape for the sill.

Lintel. Several preset Lintel shapes are available.
Like the custom sill, to use a custom profile for your lintel, draw a 2D profile in the xy plane and save it as a component. The easiest way is to:

1. Choose the included VA_sample_lintel and make any door or window.
2. Open Sketchup’s component browser and select/place the VA_sample_lintel component from “In Model”.
3. Keeping the same orientation and axis, edit the profile face component into a new shape.

Run Instant Door Window using the component shape for the lintel.

Back. The inside frame has the same options as the outer frame. It is only for Double Wall.

Hardware Several door handles and barn hardware types are available. Backset can be changed, but height is fixed in the script.