# 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.*
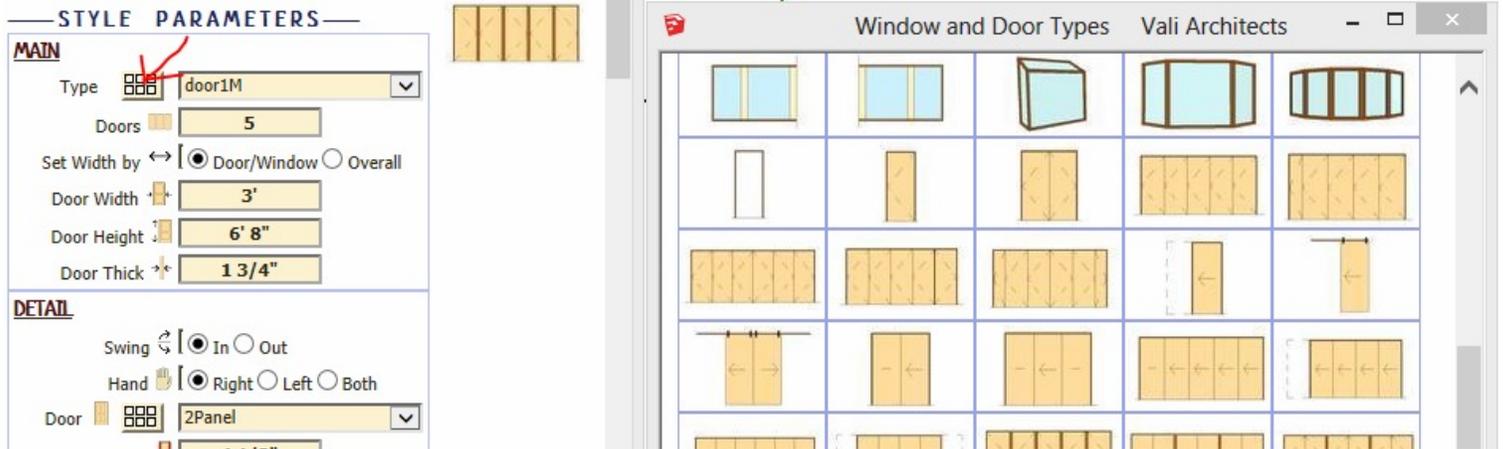

Hint: If using Double Wall with multiple wall thicknesses, it can be helpful to set the swing to "Out" - especially for interior doors. That way the door will always register at face of wall.

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.

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

Door
The detail for the door portion of a component. When the style it is an assembly with a side door, the detail for each component door is chosen separately.

Door [ ] [ ] 2Panel

Door Options   Vali Architects

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

Door R [ ] [ ] 2Panel

Door Radius Options   Vali Architects

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

MUNTINS

☑ GRID

Munt Type | Rectangular
Craftsman
Prairie
Diamond

Vert [ ]

Horiz [ ]

Width ⌖ 3/4"

Hide Muntin Edges [○ Yes ● No
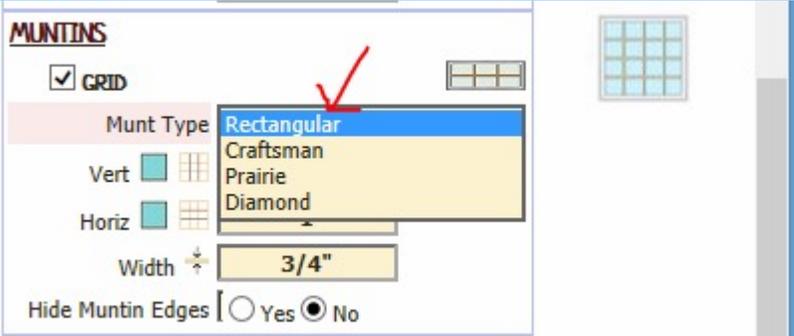
Arch
For arch top windows. Not all options will be available for all round type windows and may default to rectangular.

MUNTINS

☑ ARCH

Arch Munt [ ] Fan43C

Width ⌖ 3/4"

Hide Muntin Edges [○ Yes ● No

FRAME

Type [ ] Frameless

Depth ⌖ 5"

Radius Muntin Options   Vali Architects

FRAME

Type ⊞ Frameless ▾

Depth ⊐ 5"

Window Inset ⊐ 1/4"

☐ SILL

☐ LINTEL

BACK

Type ⊞ Frameless ▾

Depth ⊐ 1"

☐ SILL
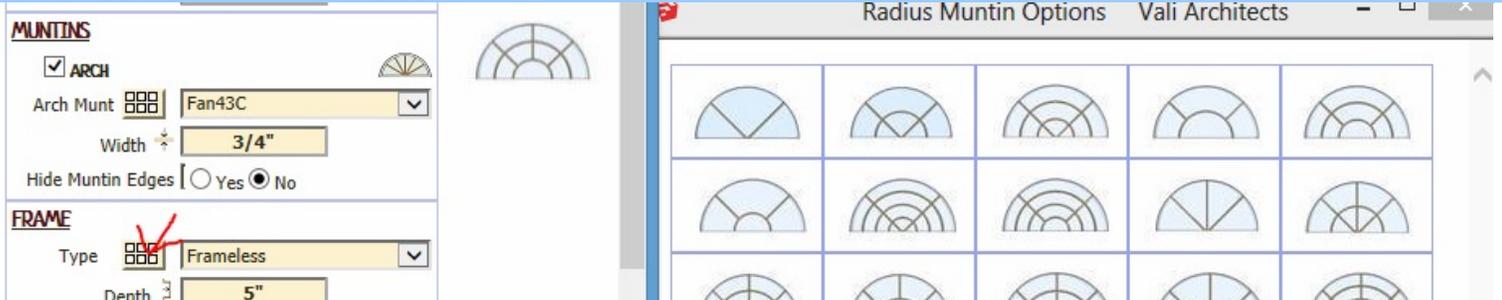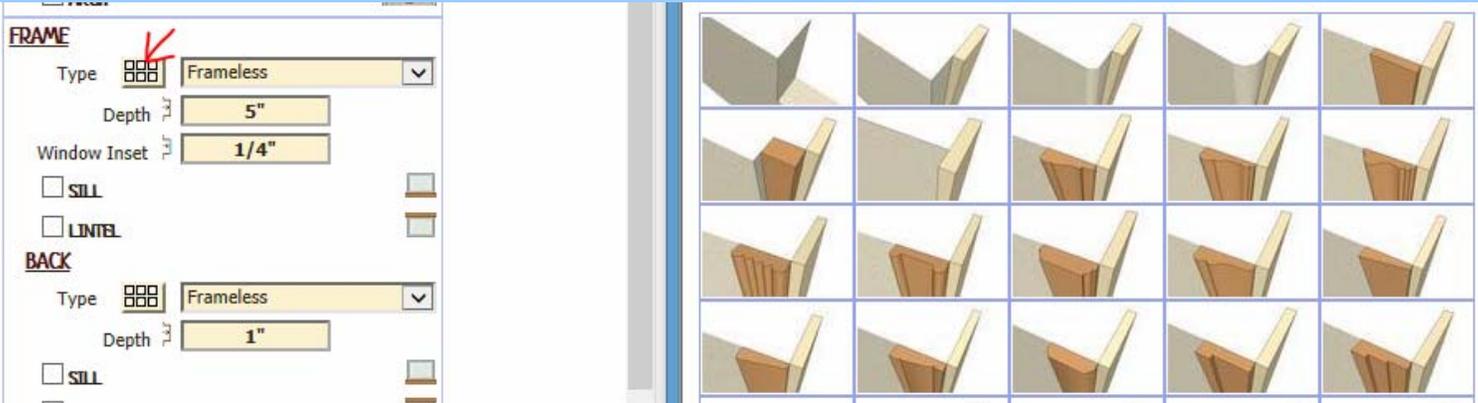
To use a custom profile for your surround, draw a 2d profile in the xy plane and save it as a component. The easiest way is to
1. *Choose the included VA_sample_casing and make any door or window.*
2. *Open Sketchup's component brower and select/place the VA_sample_casing component from "In Model".*
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.*

FRAME

Type ⊞ User Component ▾

Trim Component VA_sample_casing ▾

Depth ⊐ 5"

Frame Thick ⊡ 1/2"

Window Inset ⊐ 1/4"

Components

Select | Edit | Statistics

3D Warehouse

VA_sample_casing
by *Unknown*
No Description

VA_Window
by *Unknown*
No Description

⇐ In Model ⇒

FRAME

Type ⊞ Flat Trim ▾

Depth ⊐ 5" ✕

Frame Thick ⊡ 1/2"
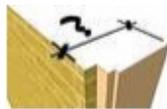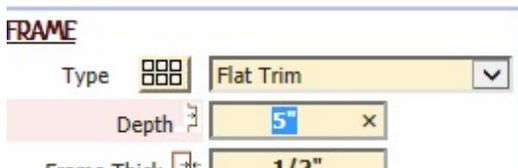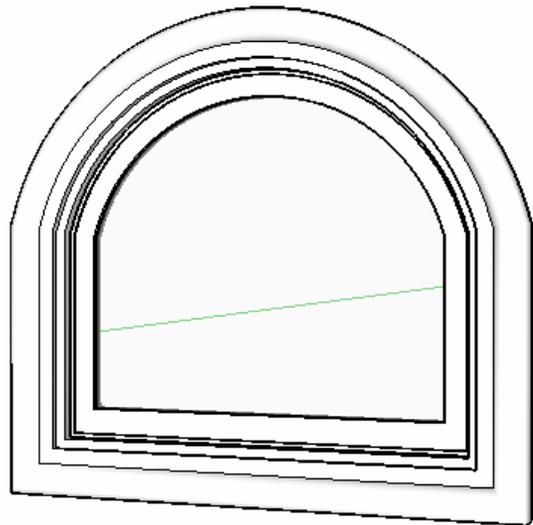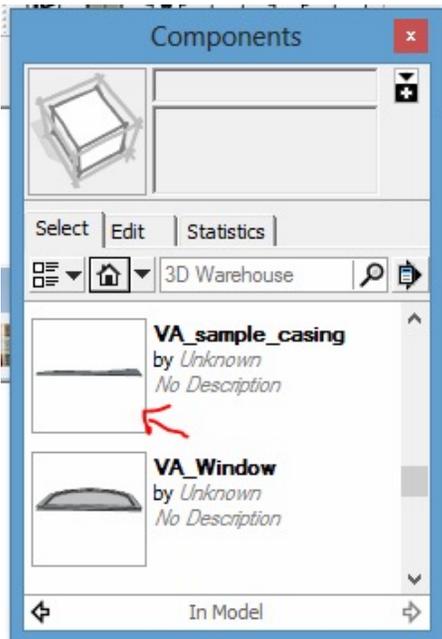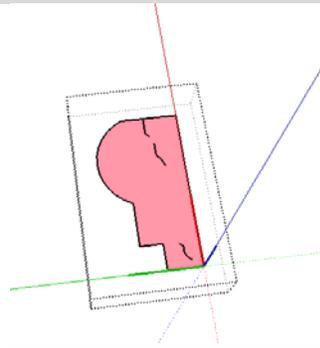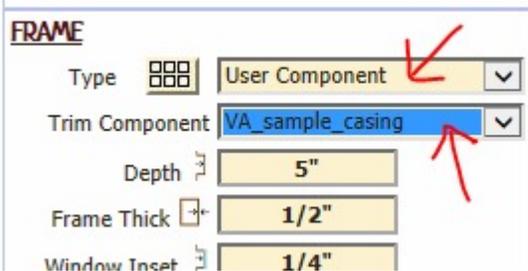
"Depth" is the distance from outside of wall to inside edge of jamb extension. If using "Double Wall", the inside and outside jambs can overlap allowing for some variation in wall thickness using the same door or window components. The exception is corner windows where "Depth" must be the exact depth of the wall.

FRAME

Type		Inset
Depth		5"
Frame Thick		1 1/2"	←
Inset/Exten		2"
Window Inset		1/4"
☐ SILL		

BACK

Type		Flat Trim
Depth		1"
Frame Thick		1 1/2"	←
Trim Thick		3/4"
Trim Width		3"
☐ SILL		

Hint: If using Double Wall, the inner and outer components will often overlap better if Frame Thick is the same.

FRAME

Set Door Inset [◉ By Swing ○ By Distance

*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.*

FRAME

Set Door Inset [○ By Swing ◉ By Distance

Door Inset | 1" | ←

*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.

Window Inset		1/4
☑ SILL		
Type		Sill1
Sill Thick		1 1/2"
Sill Depth		1 1/2"
Sill Extension		1"
☐ LINTEL		

ACK

|		
Type		Flat Trim
Depth		1"
Frame Thick		1 1/2"

Sill Options   Vali Architects
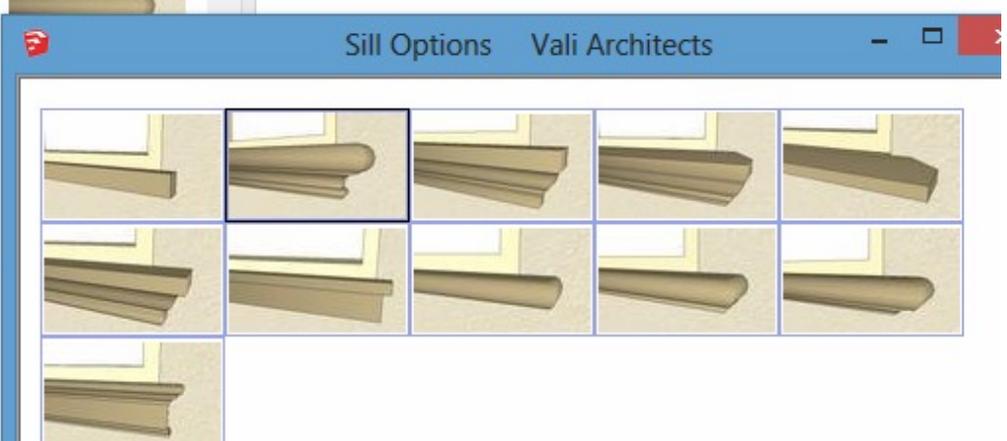
Like the custom surround, to use a custom profile for your sill, draw a 2d profile in the xy plane and save it as a component. The easiest way is to
*   1 Choose the included VA_sample_sill and make any door or window.*
*   2 Open Sketchup's component brower and select/place the VA_sample_sill component from "In Model".*
*   3 Keeping the same orientation and axis, edit the profile face component into a new shape.*
*Run Instant Door Window using the component shape for the sill.*
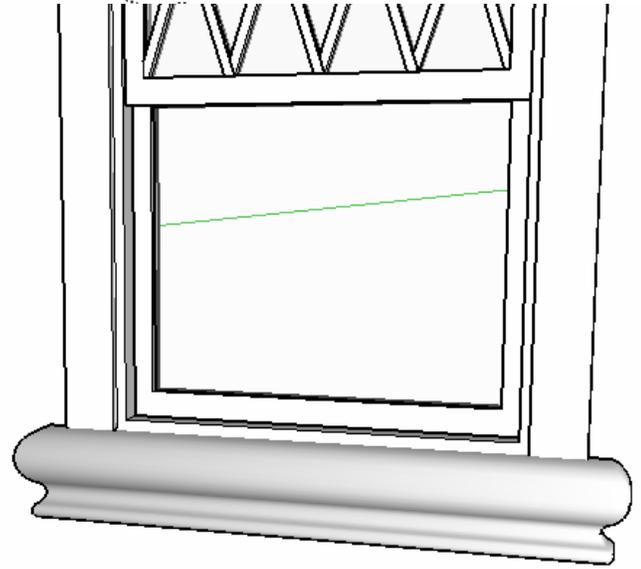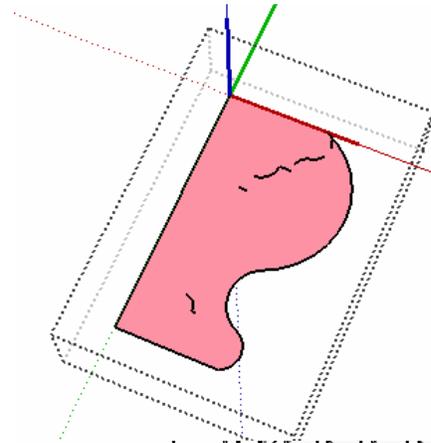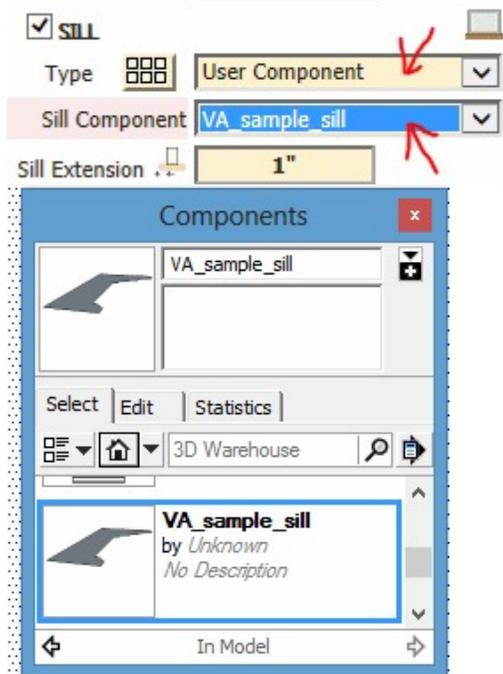
*Lintel. Several preset Lintel shapes are available.*
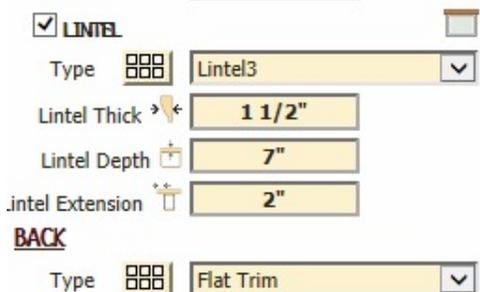
Like the custom sill, to use a custom profile for your lintel, draw a 2d profile in the xy plane and save it as a component. The easiest way is to
 1 Choose the included VA_sample_lintel and make any door or window.
 2 Open Sketchup's component brower and select/place the VA_sample_lintel component from "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.
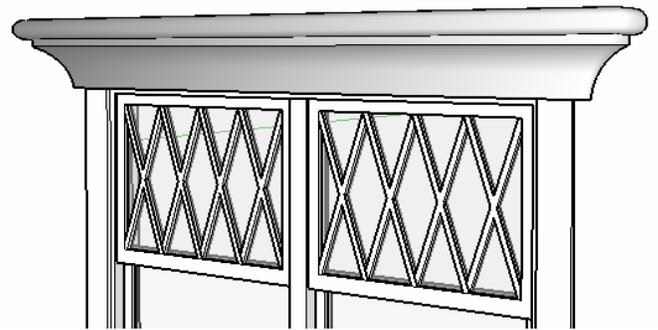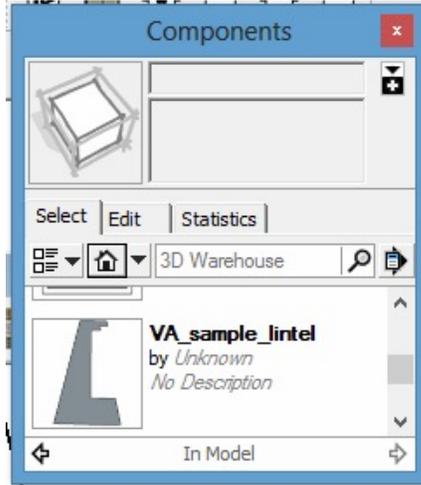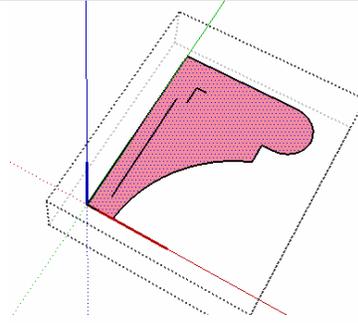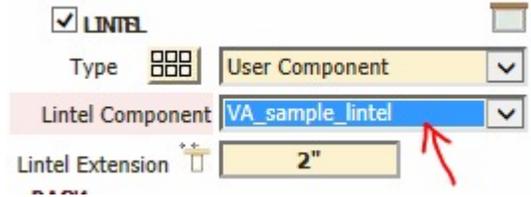
Back. The inside frame has the same options as the outer frame. It is only for Double Wall.
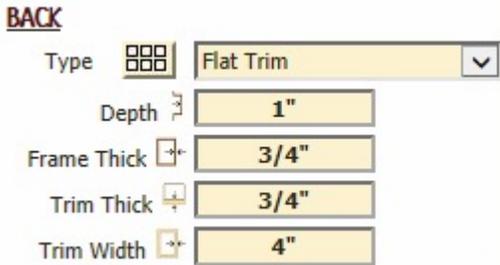
Hardware *Several door handles and barn hardware types are available. Backset can be changed, but height is fixed in the script..*