Reveals

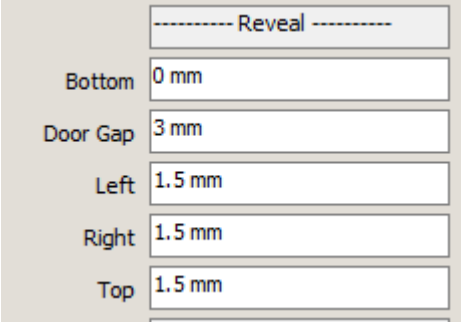
Overview

Frameless cabinets use the term reveal to describe the amount of edge that is exposed (IE. not covered by the door. A reveal of zero means that the door is flush with the outside edge of the cabinet.

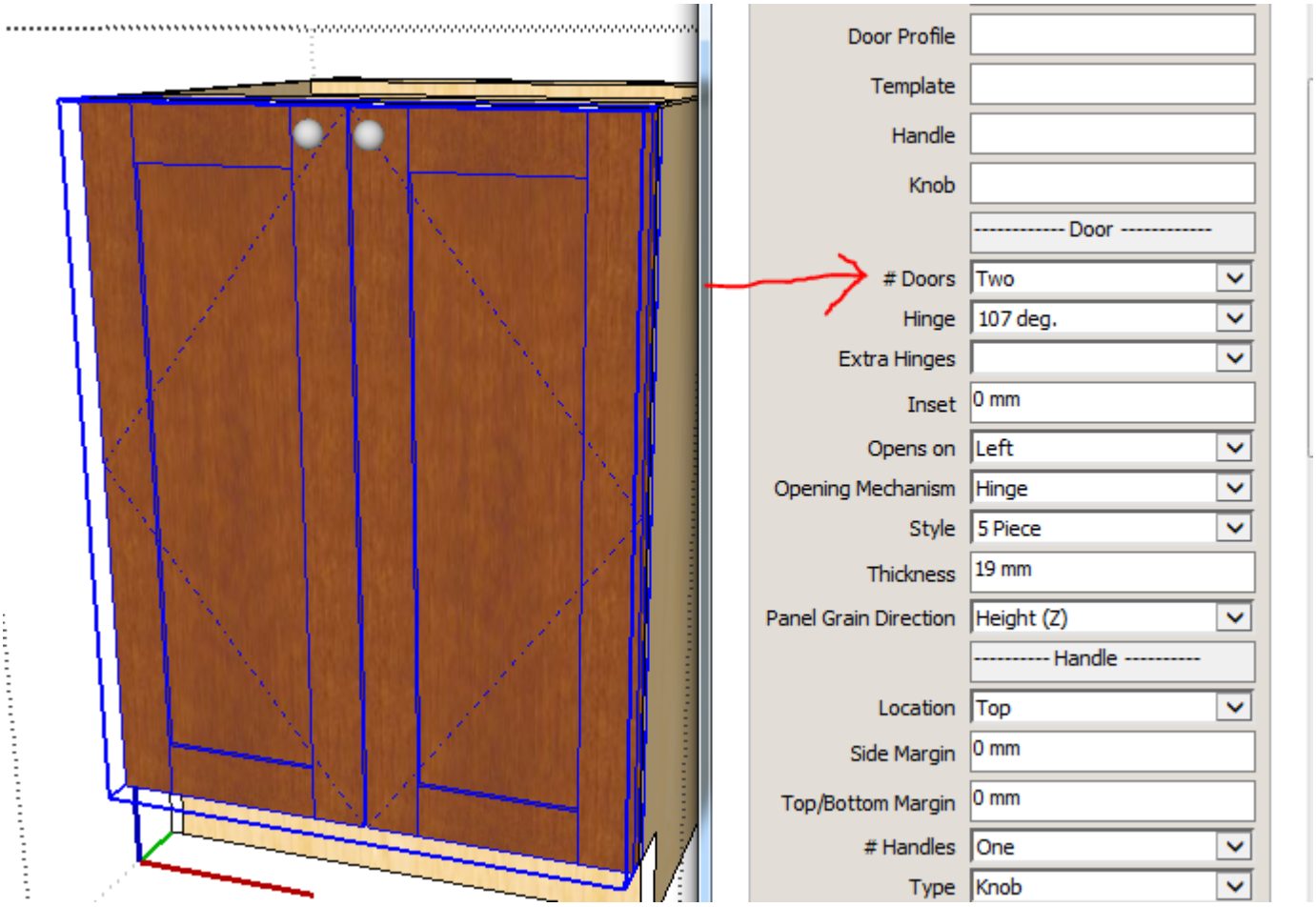
Faceframe cabinets typically use the term overlay to describe the amount of face-frame that is covered by the door. An overlay of zero means that the door fits the exact opening and the face-frame is not covered at all. Reveal in a face-frame cabinet usually means the amount of space (or gap) left between adjacent doors.

CabinetSense uses the reveal property to mean a frame-less reveal on a European style cabinet, and to mean overlay on a face-frame cabinet. A positive reveal value will reduce the size of the door and a negative reveal value will increase the size of the door. This is true for both frame-less and face-frame cabinets. On a face-frame cabinet, you will enter negative reveal values to get your door to overlay the face-frame.

Properties



The Bottom, Left, Right, and Top reveal properties are used as described in the overview. The Door Gap property is used when you want double doors, or multiple drawers placed in the opening as shown in the image below.

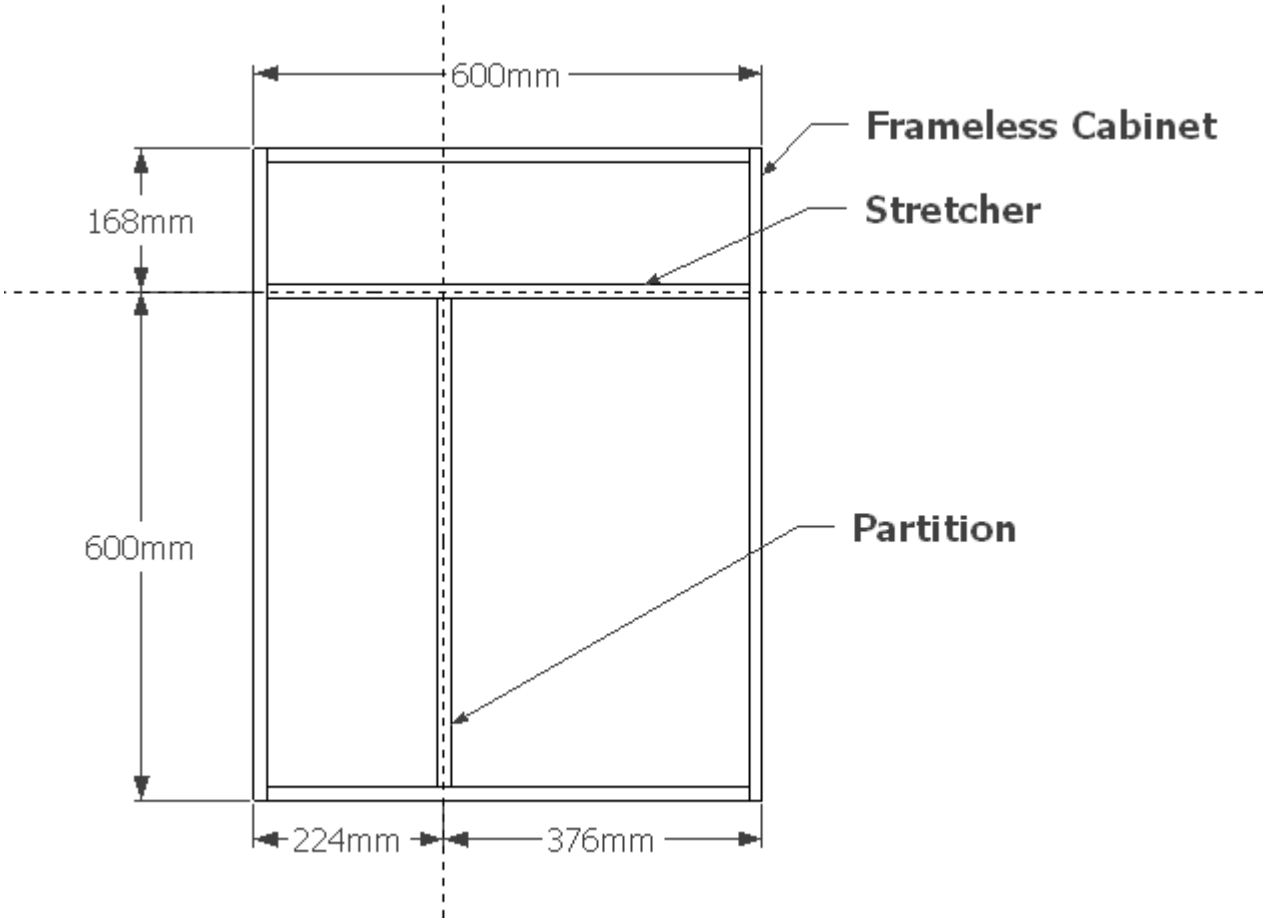


On a frame-less cabinet or a face-frame overlay, the door gap is the amount of space desired between the doors. On an inset face-frame design where you are using mid-stiles, the door gap must be the sum of the gap between the door and the face-frame (x2) plus the width of the mid-stile.

Frameless Cabinet

A door with a reveal of zero will be sized such that it will cover all of the allowable surface of the opening in the cabinet. Internal components (such as stretchers, fixed shelves, and partitions) are divided to allow for doors on each side of the part.

The three openings in the image below show how the stretcher and partition are shared among common openings.



The sizes of doors that would fill the openings (with a reveal of zero) would be:

- 600 x 168
- 224 x 600
- 376 x 600

If you wanted a gap of 2mm between doors, you would set each reveal to 1mm and the Door Gap to 2mm. Adjacent doors would each reduce by 1mm giving you a 2mm gap. The new sizes of the doors would become

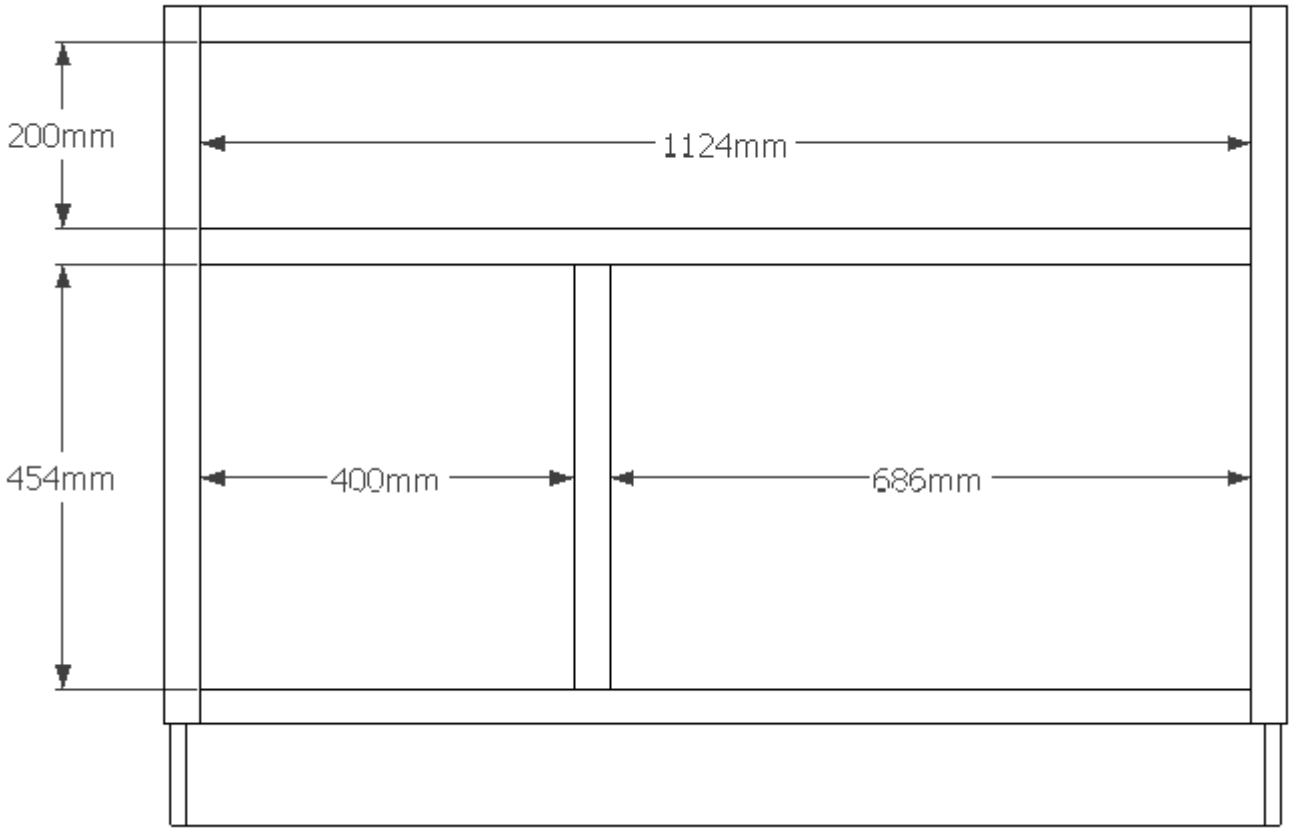
- 598 x 166
- 222 x 598
- 374 x 598

Important: The reveal on the outside cabinet edge will only be 1mm. When you place another cabinet next to it, the gap between the two doors will again be 2mm. However, if you are using an end panel next to that

cabinet, the reveal will be a true 1mm between the door and applied end. In this situation, you may want to change that particular reveal to 2mm.

Faceframe Cabinet

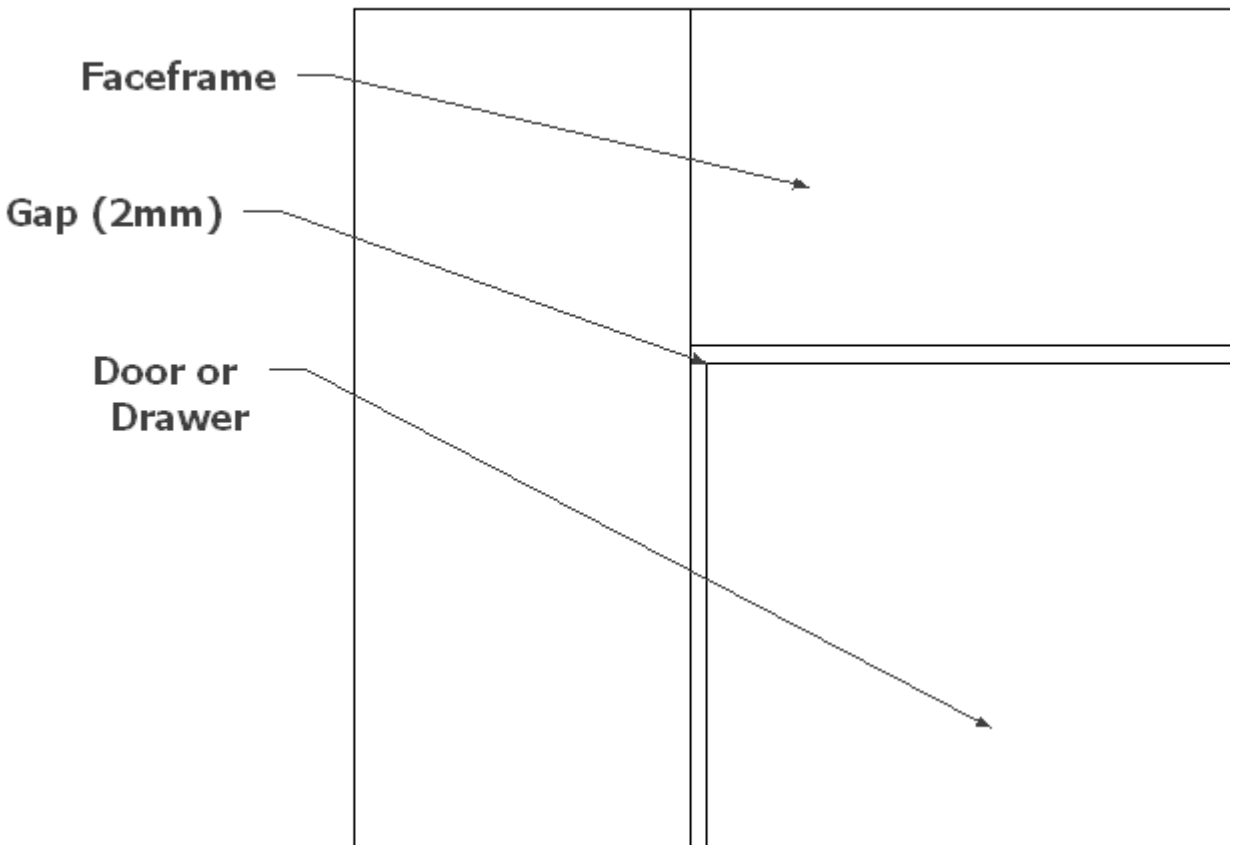
Doors with a reveal set to zero would be the exact size of the opening that it is intended for.



The sizes of the three doors would be:

- 1124 x 200
- 400 x 454
- 686 x 454

If you wanted to inset your doors and have a gap of 2mm between the doors and the face-frames



your doors sizes would become:

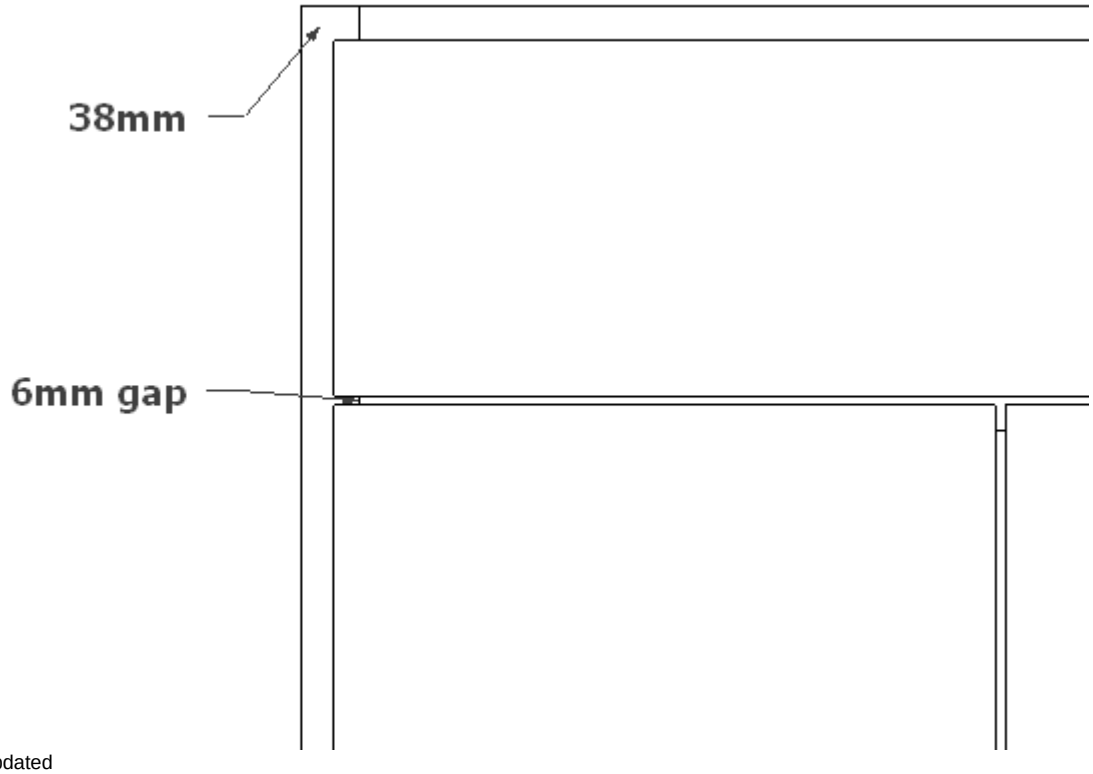
- 1120 x 196
- 396 x 450
- 682 x 450

The Door gap in the above example would be either 2mm (if no mid-stile was used) or 42mm if a mid-stile of 38mm was used. (38mm + 2mm + 2mm).

In an overlay design where you had 38mm wide stile and rails and wanted a 6mm gap between doors, you would set our reveals as follows:

	---------- Reveal ----------
Bottom	-16 mm
Door Gap	6 mm
Left	-16 mm
Right	-16 mm
Top	-16 mm

... and it would produce the following results:



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