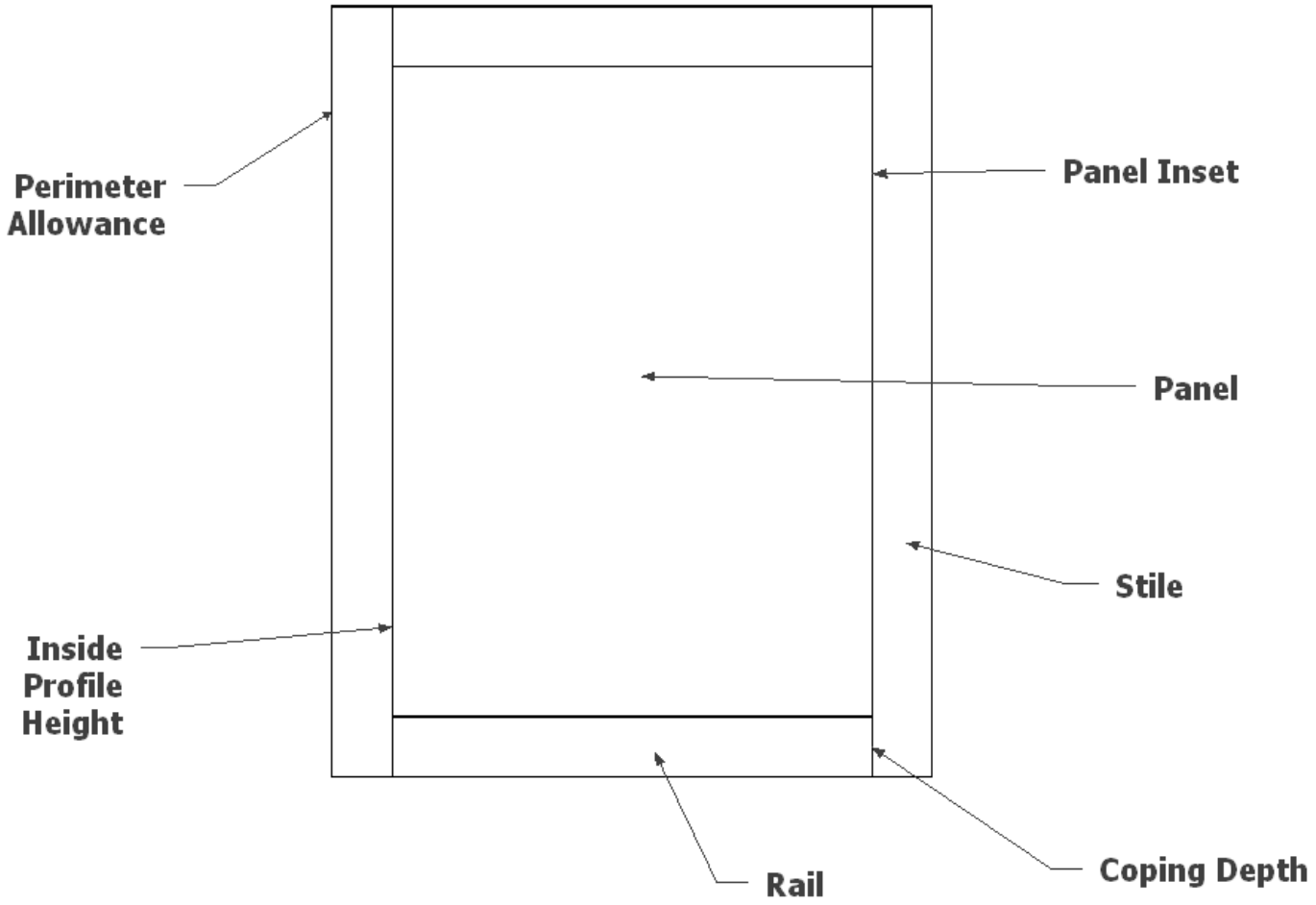
CabinetSense Wiki

Cope and Stick

CabinetSense calculates the necessary length and width adjustments for construction of 5-piece Cope and Stick Doors.

Overview

Each door, drawer front, and panel can specify it's own cope and stick attributes. However, you can also place the cope and stick values in the project component. If present in the project component, a component will use it's own values before defaulting to the project definition.



Coping Depth

The amount that the rails are inset into each Stile. If the coping depth was set to 10mm, the overall increase required for the rail will be 20mm as each end of the rail is inset 10mm.

Panel Inset

The amount that each side of the panel is inset into the stile or rail. If the panel inset was set to 5mm, the overall width and height would increase by 10mm.

Perimeter Allowance

The purpose of the perimeter allowance is build a door that is larger than the actual needed door size. This larger door can then be squared up on a saw by removing enough material to bring the door size back to the required size.

The width of each stile and rail will be wider by the perimeter allowance. As well the length of each stile will increase to account for the thickness increase of each rail. The length increase will be perimeter allowance x 2.

Inside Profile Height

CabinetSense can also make allocations for an inside profile. Shaker doors (with a square inside profile) have an inside profile height of zero (0). Height, in this case means the extra amount that we need to add to the width of each stile and rail to allow for shaping the parts.

The width of the stile and rails are increased by this amount.