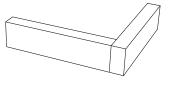
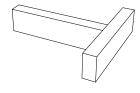
Frame Joinery

Butt Joints

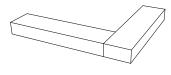
need screws or dowels



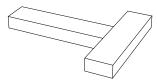
Very Weak



Very Weak



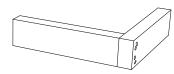
Very Weak



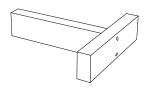
Very Weak

Dowel

Must taper for strength Capped Screw, or Nail can be substituted



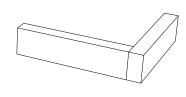
Strong



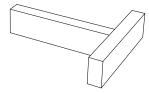
Strong

Mortise and Tenon

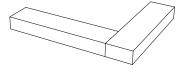
Must consider grain direction



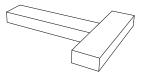
Very Strong



Very Strong

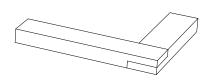


Very Strong

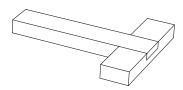


Very Strong

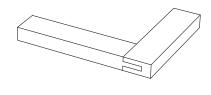
Lap Joint



Half Lap Very Strong



Full Lap Very Strong

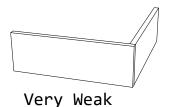


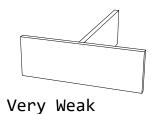
Very Strong

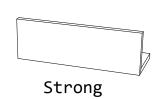
Carcass Joinery

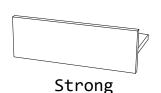


Glue only, no screws or dowels



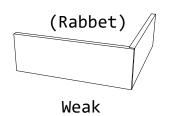


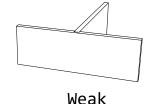


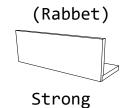


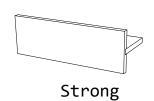
Dado

1/3 to 1/2 Material Thickness

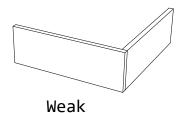


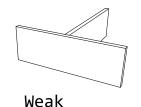


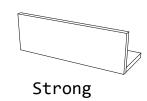


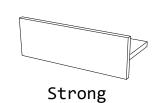


Blind Dowel

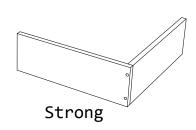


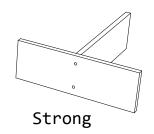


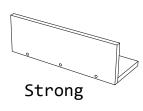


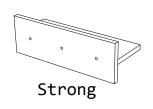


Capped Screw



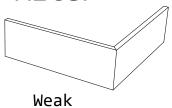


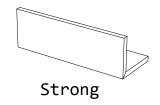




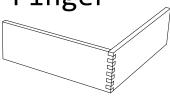
Carcass Joinery

Miter

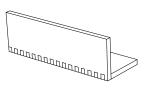






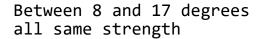


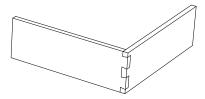
Very Strong



Extremely Weak

Dovetail





Slotted Dovetail

Halfblind Dovetail

