



How to Make an Edge to Edge Joint - Part 2

Watch the Video How to Make an Edge-to-Edge joint part 1.

If you have followed How to Make an Edge-to-Edge joint part 1, the workpieces are nearly ready for Gluing up.

Step 1 - Marking.

Use a pencil to mark a 'V' that runs across both pieces.

This provides a precise reference to the position of the two pieces before gluing them together.

Use a ruler to mark the points where you will fix nails.

In this joint, we will fit two nails, and therefore, we will require two marks on each workpiece.

Once you have marked the first workpiece, repeat the steps on the second work piece.

Measure the middle with the ruler and mark it with a marking knife.

Use a marking gauge to mark the centre.

Step 2 - Drilling.

Punch the intersection for the holes.

Drill the holes with a hand drill.

The size of the bit should be slightly smaller than that of the nail.

Step 3 - Gluing and Finishing.

Clamp a nail in the vice.

Cut the head of the nail with a fret saw.

Do the same with the other nail.

Apply some adhesive on one piece.

Spread it out evenly with a mixing stick.

Take the nails and dip them into the adhesive.

Hammer them in one workpiece.

The sharp side of the nails should be facing up.

Apply some adhesive on the second piece.

Align both pieces ensuring that the 'V' mark is properly aligned.

Joint the two workpieces.

Hammer it lightly to make sure the pieces fit well.

Clamp the joined workpiece into a T-Bar clamp.

Remember to use some scrap wood.

Clamp the pieces of wood together.

Tighten the clamp slowly.

Wipe off the excess adhesive that oozes out from the side with a piece a stick and a cloth.

Use a Ruler to check if the workpiece is flat.

If needed use the mallet to ensure that the two pieces are aligned.

Do not tighten it to maximum capacity.

Let the adhesive dry for three to four hours.

Scrape off all the reference lines with a plane blade iron.

If there is any excess glue, you can scrape that off as well.

You have now learnt to make an edge-to-edge joint.

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