

## Assembling Angled Cabinetry

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When you design angled cabinetry with [www.diywardrobes.co.uk](http://www.diywardrobes.co.uk) we cut angles on the sides, top and back panels.

On the lower side of the angled cabinet we bisect the angle such that the lower side and top panel meet at the same angle.



In this note we outline a suggested method for making this joint for which you will need PVA glue and packaging tape.

Whilst packaging tape is not useful for regular cabinet joinery it gives far better clamping power for joining bisected angled surfaces than clamps because:

- i) the tape covers the full length of the joint ensuring the clamping force is uniform
- ii) with the pointed back edge of the joint held with tape the joint will be leveraged by the mass of the two panels resulting in significant clamping force
- iii) two matching angled surfaces present a large glue area. For example if the cabinet is angled at 45 degrees then the gluing surface will be twice the thickness of the material (36mm wide for 18mm thick material).

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Find the shorter side and the top panels and lie them down such that an inverted V is formed.

Checklist:

- The angles of each edge are the same.
- The edging faces front and the outside faces of the panels are facing up
- The panels are the same width (the V is completely symmetrical)

Apply packaging tape where the two panels meet.



Carefully turn the panels over (from the photos you will see we are assembling the cabinetry on an old piece of cabinet which is an ideal surface for working on).


Apply beads of PVA glue along the V shape formed.

Ideally the coverage of glue will be even but be aware that when the joint is closed up there will be a tendency to squeeze the glue out. Keep a damp cloth to hand ready to address the squeeze out but to keep the work area clean there is a case for being economical with the glue.



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	<p>Close up the V shape to make the joint. The packaging tape will hold the outside edge of the joint in the right position and then just closing the V shape by moving the panels will bring great clamping force to bear. Sit the panels edge on on the floor and then continue assembly by fastening the back panel in place.</p>
	<p>The higher side of cabinet can be fastened in the usual way with screws driven through the side into the top panel.</p>
	<p>If this cabinet is for a built-in unit now is a good time to secure fixing blocks for scribe pieces to cover the gap between cabinet and wall. This photo shows how a fixing block has been placed to hold a scribe piece about 50mm away from the front of the cabinet. This kind of space could be used to fit LED lighting. The packaging tape can be removed or left in place.</p>
	



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