

## **Guide for Assembly of DIY Homefit L-shaped Kitchen Base Unit**

### **Read completely before commencing assembly**

#### **General Overview**

All DIY Homefit products are shipped directly from the manufacturer to you. They are designed to be supplied to the trade and assembled either by a carpenter or qualified fitter. You should only attempt to assemble them yourself if you are a competent diy-er.

#### **Items required**

Posidrive screwdriver and a hammer  
PVA glue/Wood glue  
10no 4 x 50 chipboard screws  
3.5mm x 15mm wood screws – 4 per leg (optional)

#### **Fittings** – packed separately from the panels

Cams – Circular inserts approx. 15mm diameter and 12mm deep with a + on one face. If you look carefully at this face you will also see a small triangular arrow head pointing outwards.

Cam Pins – approx 42mm long metal pin with a head on one end and a blue plastic moulding on the other.

Beechwood Dowels – Splined wooden dowel approx 30mm long and 8mm diameter

Shelf support studs – Small shiny metal inserts with two flat surfaces and a round stud.

Legs & Feet – Black plastic adjustable legs with foot and mounting boss.

Hinges – together with mounting plates and Euroscrews.

#### **Panels**

2 Side pieces – the two smallest panels with rows of holes along top and bottom edges and for adjustable shelf. Note that the holes have 2 different depths.

Bottom piece – L-shaped and identified by holes for cams and legs in one face plus holes in edges

Top piece– L-shaped and identified by holes for cams in one face plus holes in edges.

Adjustable shelf– L-shaped, no holes anywhere

2 Back pieces – the two largest panels, similar height to side pieces but with just 2 cam-holes along 1 side.

## Assembly

1. In the bottom panel locate the leg mounting bosses into the pre-drilled holes and rotate until the flange overlaps the edge (to facilitate side support) and tap the centre pin flush. *\*see note below.* You may also screw these down if you wish using 3.5x15mm screws
2. In both the top and bottom panels, insert the cams (usually 4) into the pre-drilled holes ensuring that the arrow head points outwards. Identify the holes for the dowels – they are the ones without a cam hole alongside – and pour a little PVA glue into each hole. Gently tap a wooden dowel in until it protrudes by no more than 10mm.
3. In both the back panels insert the cams into the pre-drilled holes ensuring that the arrow head points outwards
4. Lay one side panel on a flat surface (be sure to use smooth cardboard or a dust sheet underneath to protect against scratches). Insert the blue cam pins into the holes on the long side (without glue) and attach the appropriate back panel using the two cams and pins to tighten (make sure that the multiple holes predrilled for the adjustable shelf are pointing inwards and the cams outwards).
5. On the same side panel identify the holes for the dowels for the top and bottom panels (matching the dowels fixed in step 2) and pour a little PVA glue into them. Insert the blue cam pins into the remaining holes until they bottom out. Do not apply glue to these cam pin holes.
6. Locate and attach the bottom panel to the side panel using the cams.
7. Similarly locate and attach the top panel to the side panel using the cams.
8. Screw the back to the bottom and top using two 4 x 50 chipboard screws in each (drill 4mm clearance holes in the back panel)
9. **Using two people** rotate the assembly onto its back.
10. In the remaining side panel pour a little PVA into the dowel holes matching the dowels in the top and bottom panels. Insert the blue cam pins into the remaining holes (without glue) and locate and attach to the top and bottom using the cams to tighten.
11. Place the shelf (where supplied) loose in the carcass now (**before the remaining back panel is fixed**)
12. Locate the remaining back to the side panel using the two cams and pins to tighten (make sure that the multiple holes predrilled for the adjustable shelf are pointing inwards and the cams outwards).
13. Screw this last back to the bottom and top as before then screw two backs together using two 4 x 50 chipboard screws in each (drill 4mm clearance holes in the back piece)
14. Take the adjustable legs and tap into the feet mounting bosses until fully home.
15. Stand the unit up (**Use two people**, do not pivot on the legs as this may break them).
16. Fix the hinge mounting brackets into the pre-drilled hinge holes.
17. The adjustable shelf (where supplied) can now be located at the desired height utilising the shelf support studs.

Your unit is now ready for installation and subsequent mounting of the doors.

*\* Note: The weight of the carcass is taken on the sides which must, in turn be supported by the flange on the feet bosses.*