

DIY Flat Pack Kitchen Planning Guide

Some tasks are required to be done by qualified tradesmen including plumbing, gas and electrical work. Ensure that you use a licensed electrician or plumber and insist on a certificate of compliance for the work done. This will ensure all work is done to Australian standards and your insurance will cover your kitchen.

The following information is intended as a guide only to help prepare for your kitchen installation/renovation. Be aware of any local regulations and permits that may need to be obtained before beginning any construction work.

- Firstly measure your room (always use millimetres) taking note of the positions of existing windows, doors and fixtures, including plumbing and electrical outlets.
- Brainstorm what you require from your kitchen such as pantries, extra drawers and the appliances you require taking note of the sizes of these.
- Make sure your layout is workable with enough space between cabinets to walk through comfortably and to allow all doors and drawers to open fully.
- Think of how you want to use your kitchen and position sink, fridge and cook top close together to make the kitchen more user friendly. At the same time consider the existing positions of plumbing and power and try to minimise the distance between dishwashers and sinks to avoid extra plumbing costs.
- Check your appliance details and specifications which indicate the clearance and ventilation requirements for cook tops, ovens, fridges, microwaves and dishwashers.
- When cabinets are to fit from wall to wall, we can cut nonstandard size cabinets at an additional fee. (Be aware the door sizes will also change for this unit. Use our custom cabinet order form)

BASE CABINETS AND DRAWERS

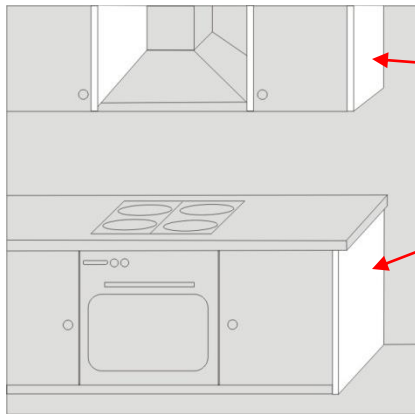
- Once you have an idea of where you would like to position your appliances, sinks, etc. It is important to make sure that your cabinet layout accommodates them.
- The base unit under your sink should be large enough to fit both bowls of your sink, all required plumbing, and usually a rubbish bin (available in store) and it is a good idea to have your dishwasher void nearby for ease of use and to minimise plumbing costs.
- Under bench oven units are available from our stock range to suit both 600mm and 900mm wide ovens.
- Drawers are a great idea to gain access to all the storage space in the cabinet. We have available soft-close options in all our drawer sizes to give that professional finish to your kitchen project.
- Always try to use corner units to maximize the usable space in your kitchen and to avoid hard to access or blind corners. Be aware that these can be installed as either right hand or left hand opening so decide which will work better in your space before ordering.

WALL CABINETS AND RANGEHOODS

- Wall cabinets are a great way to maximise the storage options for any sized kitchen.
- All of our wall cabinets are edged to give a clean finish to the bottom of the cabinet and are usually left white underneath. However end panels will be needed on all exposed ends to cover all assembly screws. (Sizes for these end panels are discussed later.)
- Be aware that end panels will be required either side of a freestanding range hood as well as a fixed range hood. We stock cabinets made specifically to support a fixed range hood with a void for all required ducting. Be aware that doors sizes will vary depending on the specific range hood that you purchase and you should check your installation instructions before ordering any doors for this unit.

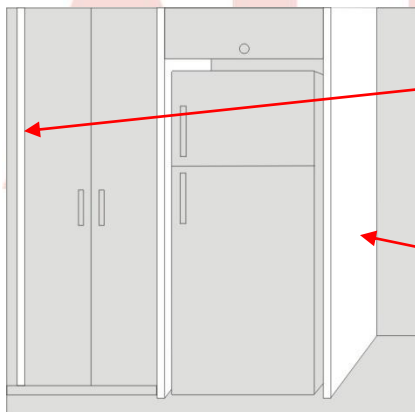
END PANELS

- Decide where you will require end panels. When using vinyl wrapped doors and panels, the back of the panel will be white unless otherwise specified. This will need to be considered for your panels as they will be seen from the back. (Remember to add the thickness of these panels to the overall size of your cabinet run.)



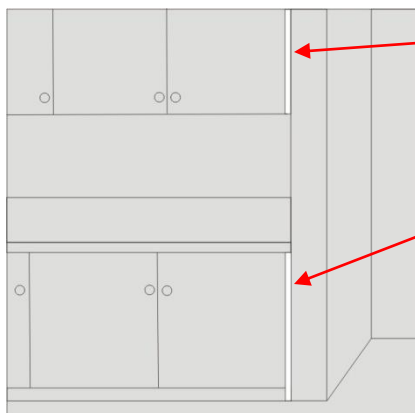
- Where a wall unit is exposed or where a wall cabinet meets a range hood cavity an end panel will be required at 720mmx320mm with one long edge and two short edges exposed.

- Be aware that end panels will be required at every seen end of a base cabinet and will be sized 870mmx580mm with one exposed edge.



- End panels will also be required where a base cabinet meets a tall unit such as a pantry or oven tower and this panel will be 2080mmx600mm with one exposed edge. (this panel will finish level with the cabinet above the kicker)

- Where a tall unit is exposed or a cavity is required for a fridge the end panel size will be 2230mmx600mm with one exposed edge. (This panel will finish on the floor.)

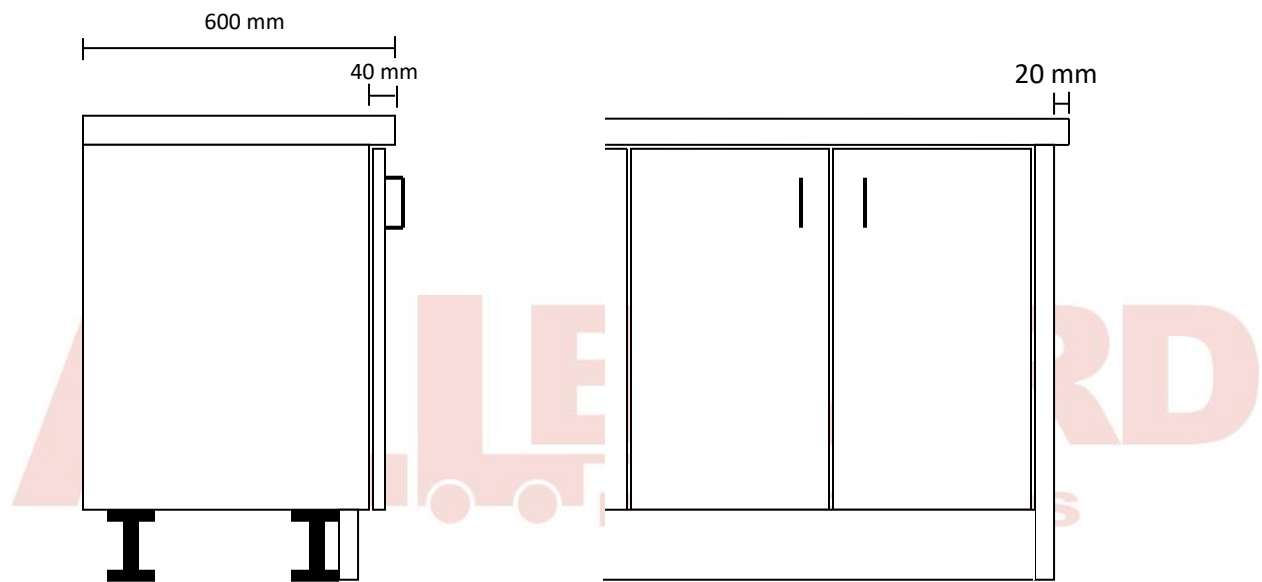


- An infill panel is required where a wall cabinet meets a corner to keep the cabinet away from the wall allowing for the door to open freely. This panel will be 720mmx320mm with one long edge and two short edges exposed.

- Infill panels are required where base units meet a wall to make up for the possibility of the corner being out of square and this panel should be 870mmx100mm with one exposed long edge. These panels could also be used either side of a dishwasher rather than a full sized end panel.

BENCH TOPS

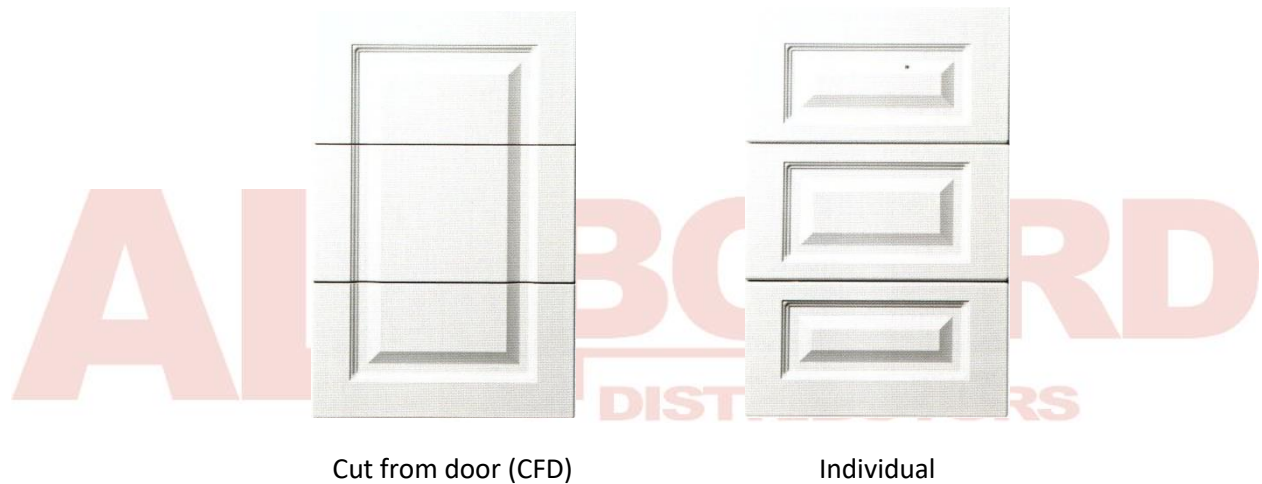
- Once you have the general layout of your cabinets and end panels it is time to start thinking about the size of your required bench tops.
- Bench tops are available to be ordered in-store, or made to order in a number of options including; laminate, solid timber and stone. (use our benchtops order form)
- Allow a 20mm over-hang to your bench top at both ends. Over the front of your cabinet you will require a 40mm over-hang as this will give you a 20mm overhang past the cabinet door. (a standard 600mm top will achieve this overhang) Be aware of the thickness of your end panels when working out your overall sizes.



- For island bench's you will require a panel to cover the back of your cabinets with the overall size coming from adding all cabinets, panels and voids in this run. These benches are usually a standard 900mm wide for this application which will give a 300mm over-hang for stools.

DOORS & DRAWERS

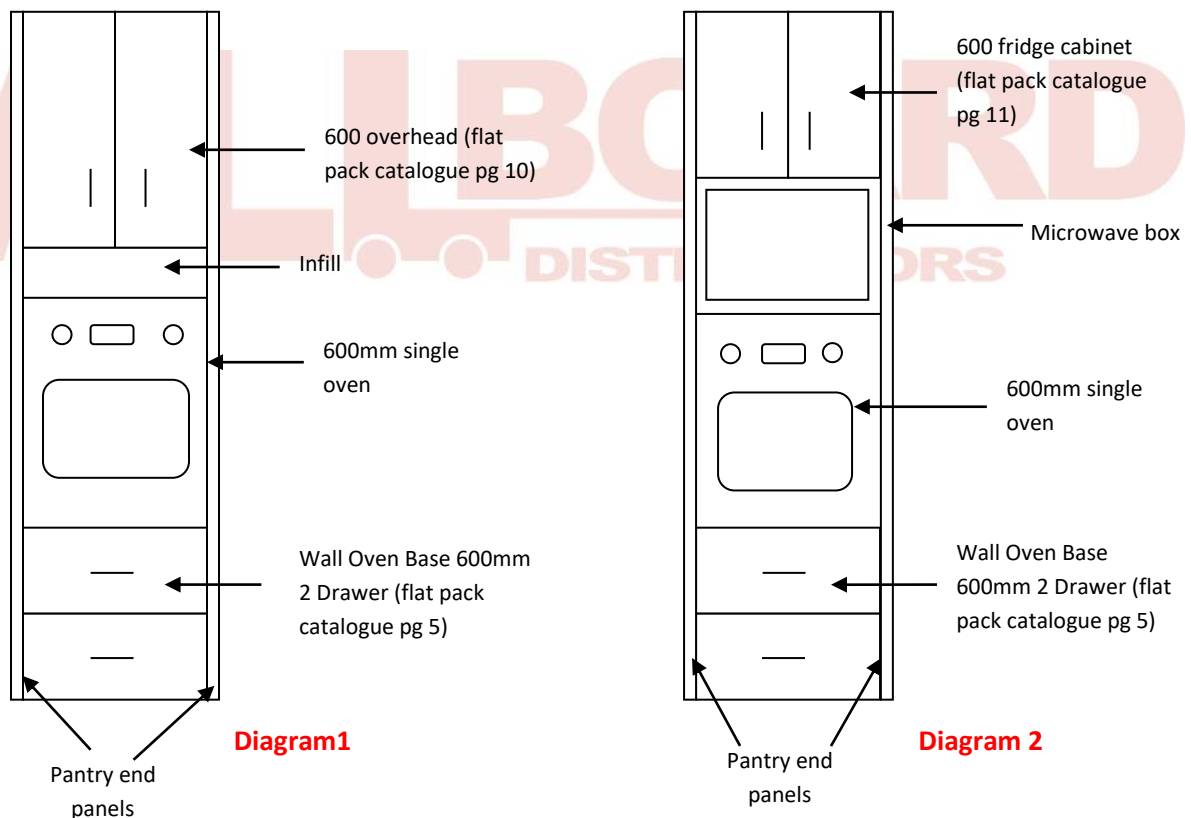
- All door sizes are given in our standard flat pack catalogue and are the required finished size.
- Required hinge hole drilling is listed in the catalogue to suit your specified cabinets. Please note that we do not pre-drill doors for handle holes due to variables in handle sizes and placement.
- Be aware of the size required for your range hood doors as they will be required to over-hang the cabinet by a specific amount depending on the rangehood you have purchased.
- Doors for corner cupboards will require special hinge drilling and a square edge (if vinyl doors have been ordered). Refer to the flat pack catalogue page 8&9 for this information.
- If you order profiled doors it may be necessary that you specify if your doors will be Right Hand Open or Left Hand Open (RHO – means the door opens to your right when facing the cabinet)
- It is also important to note that with profiled drawers you can choose to have them as individual drawers or as cut from door (CFD). See below diagrams for examples of both styles.



- It is also possible to have your end panels made with a face or edge profile to suit your doors/drawers alternately you can have these made as a flat panel.
- You will require panels above and below an under bench mounted oven, usually in the same colour and finish as your doors. The sizes of these will depend on the dimensions of your oven and should be checked before ordering.
- Be aware when ordering doors or drawers that the first measurement given will be considered the height and the second measurement will be considered the width. Also when ordering wood grain the first measurement is always taken as the long grain direction as standard doors will usually have the wood grain running vertically.

OVEN TOWER

- Wall oven towers are usually made up in one of two different configurations. These can be made up without a microwave box and will then have a two drawer unit, a full height overhead and an infill panel to suit your oven height. This panel will be 600mm wide and the height will be dictated by the size of the oven that you have chosen and can be manufactured from the same material as your doors (diagram 1). Wall oven units can also comprise of drawers at the bottom, an open microwave unit and a fridge overhead unit (diagram2).
- Microwave boxes are a standard 390mm high and 450mm deep and can be cut from a board that will colour match the rest of your cabinets. The height of your infill above your oven may vary depending on the size of your oven front. Please check your oven installation instructions before ordering this item.
- When fitting your oven it is advised that you screw a batten to the inside of both end panels to fix the front of your oven to these. They can be cut from 16mm board and should be the length of the oven.
- The following combinations are examples of some oven tower combinations that can be used:

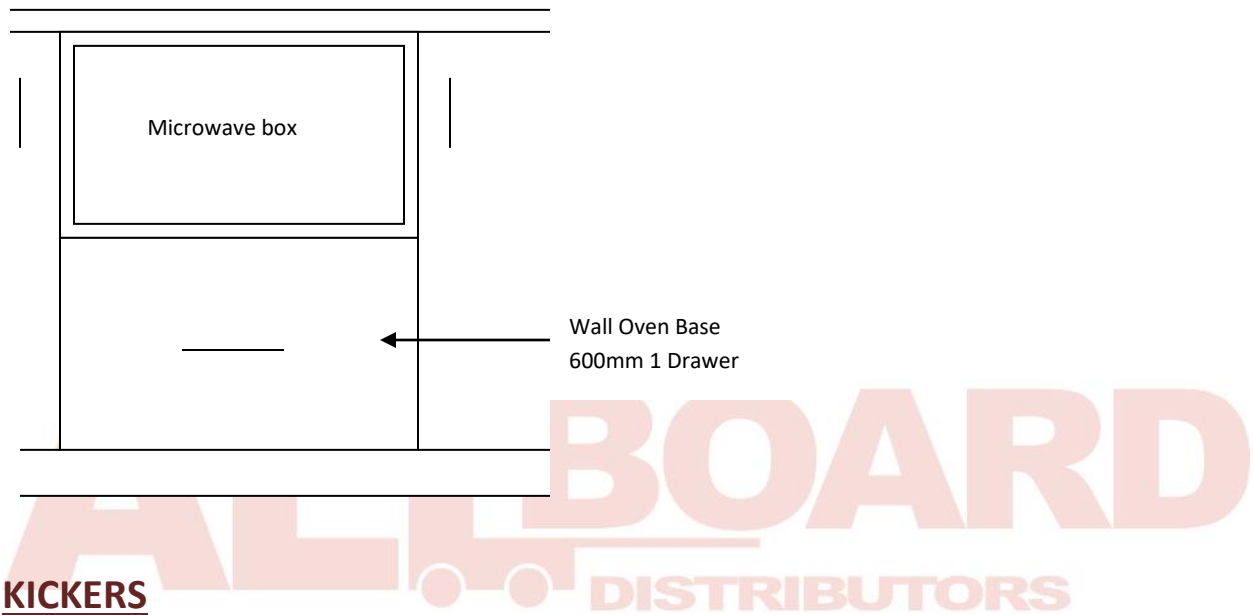


**When using a double oven a 1 drawer wall oven base unit may be required.

**Sizes for end panels may vary dependant on the layout of you kitchen and will be explained later.

UNDER BENCH MICROWAVE BOX

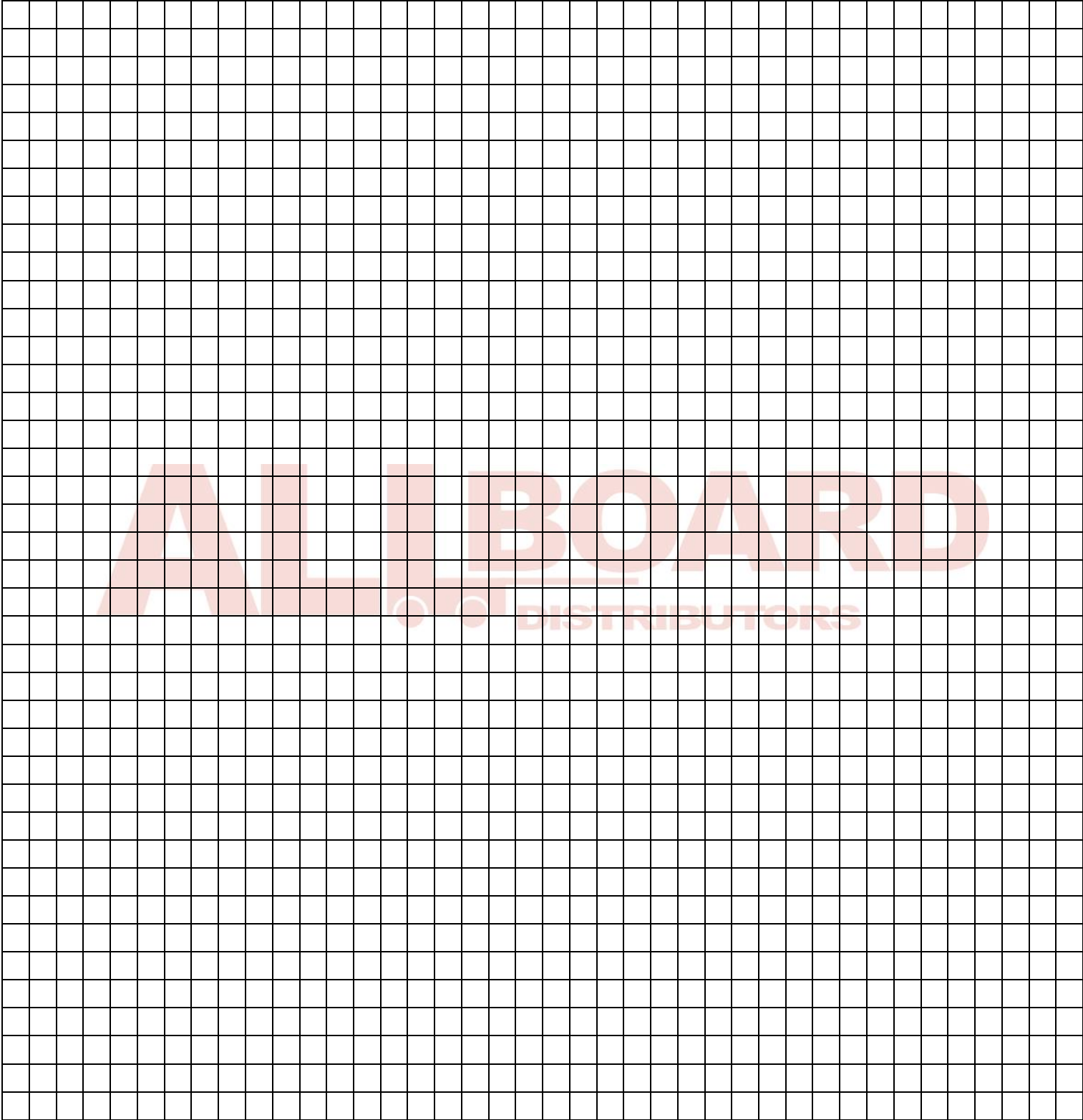
- A 380mm high 450mm deep microwave box can be used in conjunction with a single drawer wall oven base unit to fit a microwave underneath bench height. Note that this microwave box is a different size to the one used in a standard wall oven tower.
- This set up will not require infill panels if meeting up with another cabinet, otherwise a standard base cabinet end panel is required if this set up is at the end of a cabinet run.
- See following diagram to as an example of this:



- The last thing you will have to think about in your kitchen design is what material you will use for your kickers underneath your cabinets to finish off your project.
- The plastic feet that are fitted under your cabinets are supplied with clips to easily attach your kickers to the front. Screw these clips to the back of your kickers using 16mm screws. You will not require clips for every leg, a few per kicker will be fine.
- Usually your kickers will be made either from the same coloured material as your cabinet doors and panels, however you can decide to contrast the cabinet colour. Often a stainless steel look is chosen to contrast cabinet colours and to tie in appliances. We have a number of options available in stainless steel finishes.
- It is advised that you order oversized lengths of kicker material cut to a standard 147mm height as the overall required size of these may workout slightly larger than first planned. These can then be cut to length on site.

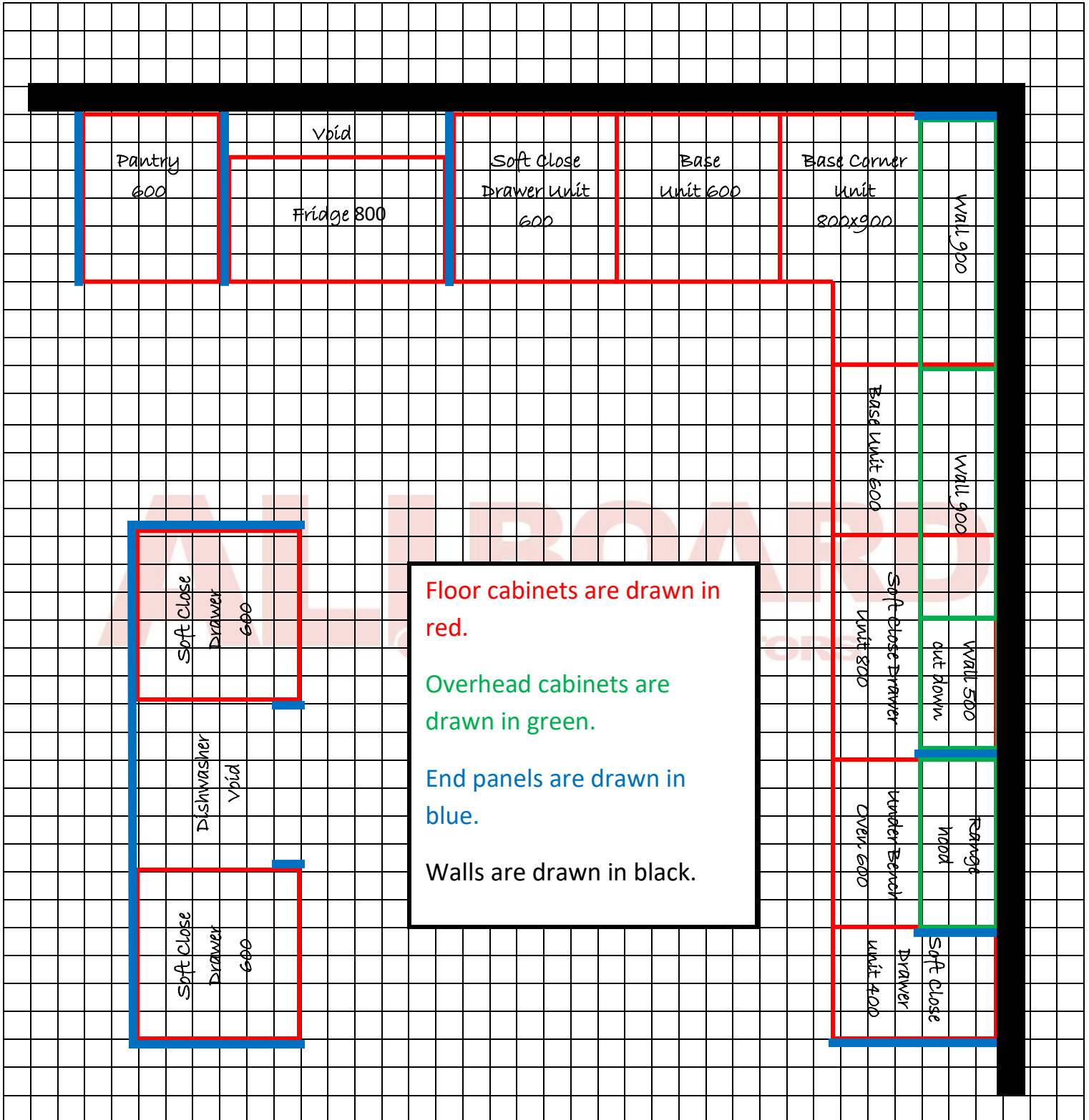
Disclaimer: These sizes and specifications relate to Allboard Distributors standard Flat Pack Units. While all care has been taken in the creation of this installation guide Allboard Distributors accept no responsibility for errors made during installation of kitchen units and cabinets. The information and tips in this printout are provided on the basis that Allboard Distributors excludes all liability for any loss or damage which is suffered or incurred for any personal injury or damage to property whatsoever resulting from these instructions. It is your responsibility to ensure all necessary PPE (personal protective equipment) is used while performing any work of this nature.

Once you have taken into consideration all of the tips on the previous pages it is time to draw a plan view of your kitchen on the following grid. (See example on following page if you require)



Note – it may be easier to consider each box to be 100mm x 100mm

Here is an example of how to draw your kitchen layout.



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