

Encore Slab Ends Installation Process

This leaflet is designed as an extension to the “Encore installation instruction” leaflet supplied with all Encore worktops. Please read both leaflets, especially the section “before you start” with respect to colour variance and conditioning before starting work.

Essential Installation Tools and Materials

Hand Router: Refer to Encore installation instruction.

Router Cutter, ½”x50mm: Use high quality double flute tungsten carbide tipped cutters; we recommend Titman H122. The rotational speed of the router must be set to at least 18,000 RPM.

Edge Profile Cutter (3mm radius): Refer to Encore installation instruction.

Edge Trimmer Cutter for butt joint option 1: Refer to Encore installation instruction.

Finishing Sanders: Refer to Encore installation instruction.

Electric Drill: Refer to Encore installation instruction.

Hand Held Circular Saw/Blades: Refer to Encore installation instruction. Minimum blade diameter required is 230mm.

Biscuit Joiner for butt joint option1: Refer to Encore installation instruction.

50ml Encore Colour Coded Seaming Adhesive/Adhesive Applicator: To form solid 45 degree mitre joint option 2: Refer to Encore installation instruction.

290ml Colour Coded Sink Adhesive/Applicator Gun: To form flexible join and seal bare edges.

White Spirit: To clean colour coded Sink Adhesive/sealant overspills.

Imanol Solid Surface Cleaner: To clean both mating faces of the solid surface.

Clamps Type ‘G’: x2 clamps to temporarily secure the slab end to carcass side.

Clamps type ‘A’ for butt joint option 1: Refer to Encore installation instruction.

Screws: 7 no. 1½ x No8 CSK or Pan Head screws per slab end required (not supplied).

Countertop Magic Finishing Polish: For final surface polish finish.

Planning:

Refer to the two sketches on the back of this leaflet and decide on the preferred option.

Option 1: Simple 90 degree butt joint. This option allows a slight overhang for ease of installation. Please do not use this method if you intend an inconspicuous seam finish.

Option 2: 45 degree mitre Joint for a less conspicuous joint. This version is technically more demanding but can produce a beautiful inconspicuous finish.

At all stages take care to protect the inner plain laminate finish. This high pressure laminate finish can be easily scratched by hand tools. Unlike Encore, the laminate backer cannot be repaired.

General rough sizing: When rough sizing Encore, as applicable please allow for:

- 44mm worktop/slab end thickness.
- 5mm edging strip thickness should ends need refinishing on site.
- Final router trim cut.
- When forming a 45 degree mitred joint allow extra for the circular saw base width to ensure the saw is stable and safe during operation.
- Always cut into - never out of - the front edge!

Installation

Option 1: 90 degree Butt Joint: Refer to sketch.

We recommend the slab end be cut to allow a worktop overhang at the side and front by at least 0.2mm.

Carry out a colour variance check.

Cut the worktop to the required length and router trim the end. It is vital that the saw or router blade enters the front edge of the worktop in all cutting processes. Do not cut out of the front edge.

Apply a short end cap following the 'edging end cap' section in the Encore installation instructions section.

Ensure the edge strip is colour matched to the slab end.

Ensure that the lower edge of the final edge strip is trimmed neatly square.

Cut the slab end to required length and router trim ends for a clean cut.

Drill the carcass side panel for retaining screws to screw the slab end in place. We recommend at least seven screws. Refer to the sketch.

Using Colour Coded Sink Adhesive/Sealant thoroughly seal the back vertical and bottom edge ensuring at least 1mm to 2mm sealant thickness. It is vital to seal the lower edge well to protect the core material against water spillage and everyday mopping.

Carry out dry fit trial to ensure a good fit and alignment without gaps or fouling.

Place the slab end in position, align and hold in place using x2 G clamps.

Thoroughly clean the upper cut edge removing chipboard dust and cleaning the solid surface edge using Imanol. Next thoroughly clean the underside of the worktop with Imanol.

Insert the jointing biscuits using Colour Coded Sink Adhesive in both pockets.

Apply a generous continuous bead of Colour Coded Sink Adhesive/Sealant to the mating edge of the slab end solid surface and core material.

Lower and accurately align the worktop applying downward pressure ensuring excess adhesive squeezes out from all edges.

Firmly screw the slab end and worktop to the carcass before removing the G clamps.

Carefully wipe off excess adhesive using a minimum amount of white spirit and clean cloth.

Run a bead of Colour Coded Sink Adhesive around the base of the slab end to further protect against water spillages.

Option 2: 45 degree Mitre Joint:

Carry out a colour variance check.

Cut the worktop and slab ends to the required length allowing for 45 degree mitre and circular saw base width. It is vital that the saw blade enters the front edge of the worktop in all cutting processes. Do not cut out of the front edge.

Using a portable or fixed slide table dimension saw set at exactly 45 degrees, mitre the ends of both worktop and slab end. It is vital that the saw blade enters the front edge of the worktop in all cutting processes. Do not cut out of the front edge.

Drill the carcass side panel for retaining screws to screw the slab end in place. We recommend at least seven screws. Refer to the sketch.

Using Colour Coded Sink Adhesive/sealant thoroughly seal the back vertical edge and bottom edge ensuring at least 1mm to 2mm sealant thickness. It is vital to seal the lower edge well to protect the core material against water spillage and everyday mopping.

Carry out dry fit trial to ensure a good fit and alignment without gaps or fouling.

Once happy with dry fit, remove the slab end and screw the worktop to the cabinets in the usual manner.

Thoroughly remove chipboard dust from both mitred edges and thoroughly clean the solid surface using Imanol following the instructions with respect to Encore joints.

Apply 3 unbroken generous beads of Encore Colour Coded Seaming Adhesive to the mitred edge of the slab end. Aim to use one half of a 50ml cartridge:

1st bead – central to the core of the slab end

2nd bead – 5mm in from the inside/back edge of slab end

3rd bead – at the outside edge of slab end covering the entire Encore solid surface cut edge around to the front face.

Promptly place the slab end in position ensuring a good squeeze out of adhesive. (Make sure there are no gaps).

Align and temporarily hold the slab end in place using two G clamps.

Firmly screw the slab end and worktop to the carcass before removing the G clamps.

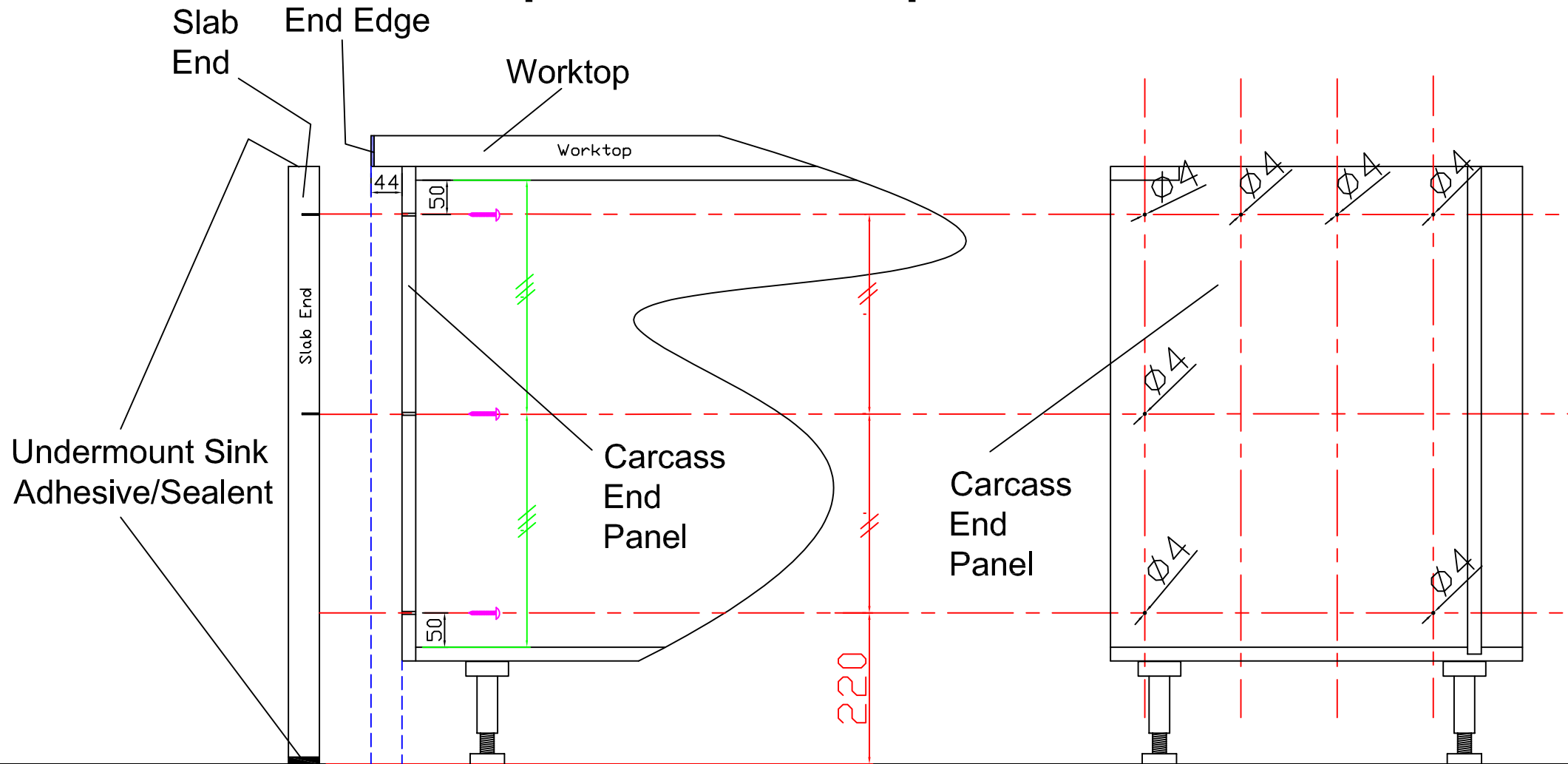
Allow at least 40 minutes for the adhesive to cure.

Refer to Encore Installation Instructions, section – ‘final finishing’ for sanding and finishing.

Take care not to over sand the front 44mm faces during this process. A 3mm radius can be applied to the top outer end using a Titman ROCB3 cutter as recommended in the main instruction manual.

Run a bead of Colour Coded Sink Adhesive around the base of the slab end to further protect against water spillages.

Option 1 Simple Butt Joint



Option 2 Mitred Joint

