

**Support Surface**

Cutting schedule:

- 8 No. Component A, 18mm x 36mm x 270mm
- 1 No. Component B, 18mm x 84mm x 360mm
- 1 No. Component C, 18mm x 84mm x 360mm with one 360mm side cut @ 30 degree angle
- 1 No. Component D, 18mm x 180mm x 360mm
- 1 No. Component E, 18mm x 162mm x 360mm
- 1 No. Component F, 18mm x 158mm x 360mm
- 1 No. Component G, 18mm x 360mm x 1080mm
- 2 No. Component H, 18mm x 180mm x 1200mm

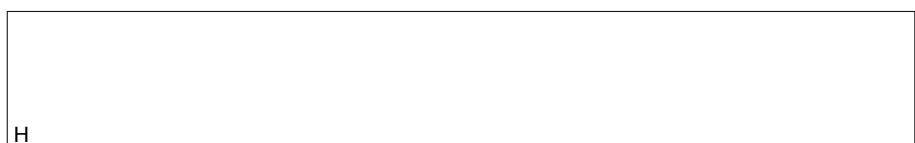
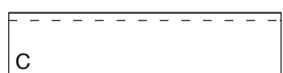
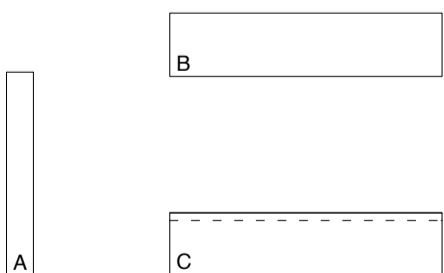
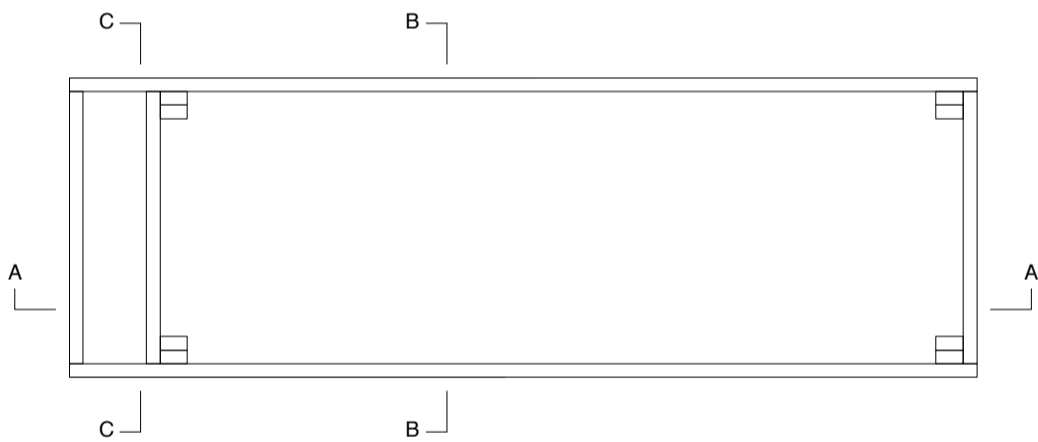
Cut and sanded from 18mm BB/BB birch plywood or another plywood of your choice.

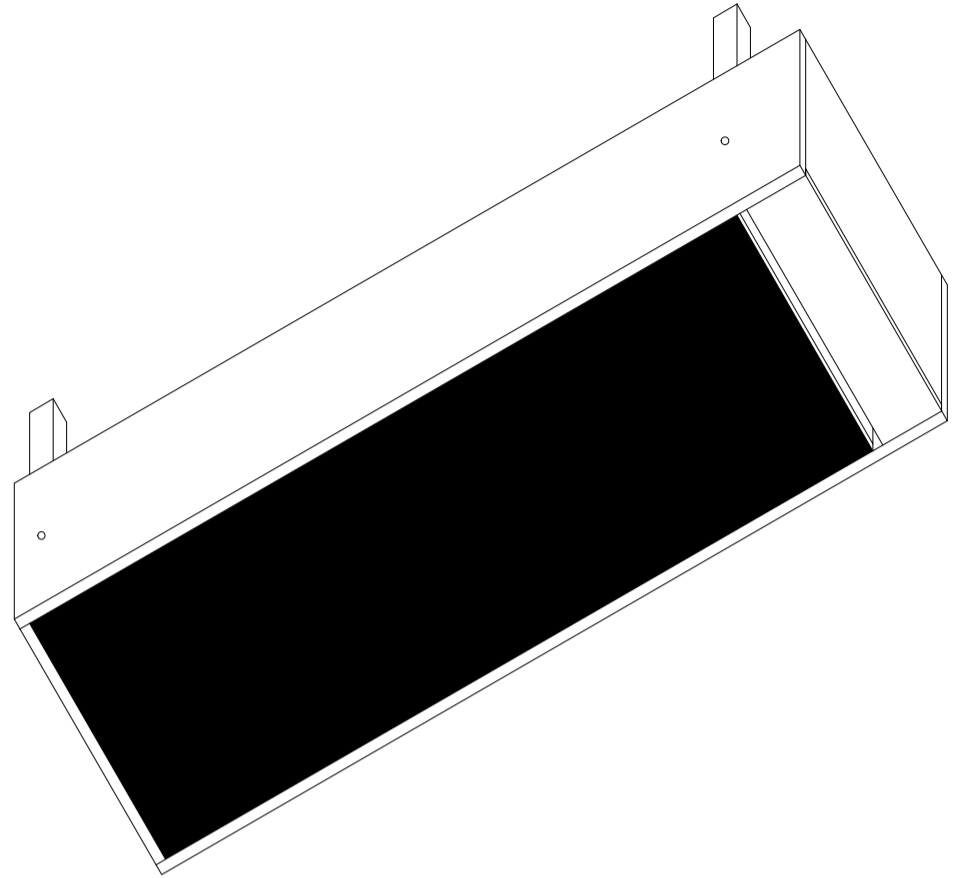
Equipment:

- Electric drill
- 2mm and 6mm drill bits for timber
- Sharp pencil
- 2 no. Carpenter's clamps
- Steel square edge with ruler
- Approx. 40 no. 3.5mm x 30mm wood screws
- A pair of 50mm x 18mm steel butt hinges with counter sunk flat head wood screws
- 500ml wood adhesive [extra fast]
- 4 no. M6 70mm button-head bolts and M6 wing nuts
- Wood filler
- Fine sand-paper and sanding block
- 250ml blackboard paint
- 25mm paint brush

How to Make Support Surface:

1. Glue and clamp components A together in pairs to form 4 no. 36mm x 36mm x 270mm legs
2. Paint one side of component G with blackboard paint and leave to dry.
3. Using the drawings as a guide mark the position of each leg on components H and drill a 6mm hole through each leg centred at 72mm from the 36mm end and through the centre line of components H.
4. Using the drawings as a guide, starting with component D and component G, glue and screw-fix the components together at right angles – space screws at 150mm - 200mm centres throughout. Each screw-hole can be started using the 2mm drill bit.
5. Place component C as a lid over the chalk-box with the tapered edge facing downwards. Mark the position for the hinges 50mm in from the 84mm edges of component C.
6. Screw-fix the hinges to component C and then to the edge of component F.
7. Fill screw-holes with wood filler and lightly sand once dry.
8. Fix the legs in position using the button-head bolts and wing nuts.





**SUPPORT SURFACE**

The commission to design a create that would support the storage, transportation and possibly the exhibition of the artists' works for Still, We Work has resulted in numerous meetings between the project curator, the artists and myself. The working process has been reliant upon the exchange of information, clarity, trust and space for creativity.

My understanding of the workings of the many groups within the National Women's Council of Ireland has evolved during this process and has inspired the creation of a new addition to my Alternatives Series – Support Surface.

Support Surface is constructed from birch plywood and blackboard paint. It can be easily constructed using basic carpentry equipment and skills. It functions as a hub around which exchange happens – the collection and dispersal of information. Its blackboard surface supports the exchange of ideas, education, documentation and play. It can be wall-mounted, used as a free-standing object or when its legs are attached its scale relates ergonomically to a play/work surface for children.

The manual for Support Surface will be included within the Still, We Work exhibition hosts may decide to make their own Support Surface.

Overall dimensions: 1200mm x 390mm x 288mm

**ALTERNATIVES SERIES**

- Start Here Bookmark
- Open Source Bench
- Open Source Stool
- Paper Box
- Light Sleeper
- Three-Legged Trestle
- Picnic Place
- Transition Garden
- Support Surface

Manuals for all of the Alternatives Series are available as open source material on [www.fionamcdonald.ie](http://www.fionamcdonald.ie)



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**Alternatives Series  
Support Surface**

by Fiona McDonald