



# Blanket Box

## Skill Level Medium



Need more storage space? Feeling creative? Why not make this mobile blanket box that doubles as a coffee table? Designed especially for the Pine Innovations range, with versatility in mind, it can be finished and decorated to suit your own taste and colour scheme. With a little planning, a few tools and some imagination, all you need to do is follow the easy steps below.

### WHAT YOU WILL NEED:

#### FOR THE BLANKET BOX/COFFEE TABLE

##### HARDWARE

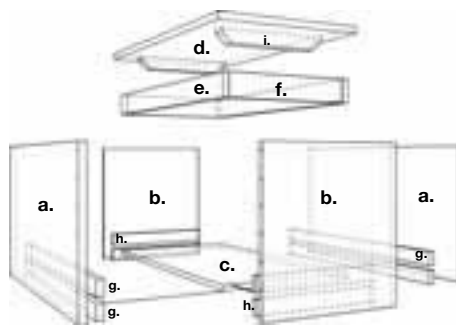
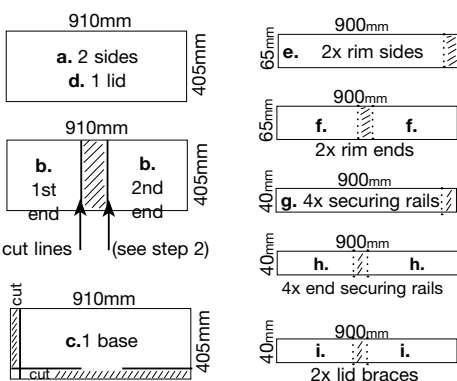
- Approx 28 screws, approx 57 mm long (for box assembly)
- Approx 56 screws at 30mm long (for securing both rails and rim)
- Approx 10 flathead screws at 50mm long (for lid braces)
- Approx 28 screws to affix piano hinge
- 4 castors (Approx 50mm diameter)
- 2 plastic/rubber stoppers for lid
- Decorative hardware and paint
- Piano hinge(1mtr) Wood glue
- Aluminium strips and corner angles.

##### TOOLS

- Drill Square Sandpaper(plane, optional)
- Saw (preferably circular–or use cut shop)

##### MATERIALS

- 5 pieces 405 x 19 x 910mm Pine Innovations panels (2 for sides-A, 1 for the lid-D, 1 for the base-C, 1 for the ends-B (cut into two pieces))
- 6 pieces 40 x 18 x 900mm for upper and lower securing rails
- 3 pieces 65 x 18 x 900mm for rim (1 piece cut in two for end rims)
- 1 piece 45 x 45 x 900mm (cut in two) for lid brace
- 2 pieces 19x19mm Triquad, each 130mm long (for glue blocks)



#### Step 1:

Cut panels (B) to 367mm in length.

#### Step 2:

Then mark screw holes in side panels (A), using a cardboard template to assist with accuracy. Drill and counter sink clearance holes into sides (A). Hint: a one step drill bit is very useful to save multiple changes – this provides a countersink clearance hole, pilot hole and depth stop all in one.

#### Step 3:

Line up panel A and panel B. Mark positions for pilot holes in B with a pencil or bradawl. Drill pilot hole. Hint: If you do not have a depth stop, use a piece of masking tape around your drill bit as a depth marker.

#### Step 4:

Screw panel A to panel B, middle hole first (this helps keep panels in position). Repeat for opposite corner.

#### Step 5:

Measure lengths for G and H, and cut to size. Screw the upper bottom rails, G & H, to the inside of the box, allowing for the lower bottom rail and base panel (at approx 59mm). Repeat for opposite. (The bottom panel and lower bottom rail are attached after the box is stained/painted).

#### Step 6:

Check carcass is square and glue and screw together.

#### Step 7:

Measure inner length and width and cut bottom panel to size.

#### Step 8:

Cut to length the 65mm x 18mm strips, E and F, to make the box rim (use a mitre or butt joint). Glue and screw together, making sure it is square and fits easily into the top of the box.



#### Step 9:

Position rim inside carcass so that it protrudes approximately 28mm above the carcass. Affix rim to carcass with screws and glue. Hint: For support when affixing the rim, and for extra rigidity, glue/screw two 130mm long corner blocks (triquads) into each corner, allowing a small gap between each to allow for the natural movement of the timber.





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**Step 10:** Position lid on rim flush with all sides. Carefully mark a line on the underside of the lid where it meets the rim. Note: If you are applying a decorative banding such as aluminium, you must mark the line from the rim plus the thickness of the band.

**Step 11:** Cut the piano hinge to the length of the rim and position the butt of the hinge against this line. Mark the hole positions and temporarily attach it with end and centre screws.

**Step 12:** Position lid against rim, resting on the butt of the piano hinge (holding vertically). Mark, drill and screw three retaining screws.

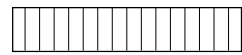
**Step 13:** Remove lid, rim and bottom panel. Strengthen lid by screwing on 2 braces, 1, (40mm x 40mm). Use flat head screws, spaced evenly (approx. 5). Make clearance holes slightly narrower than width of screw head to allow for the natural movement of the timber. Sand all components and finish as required.

**Step 14:** With box upside down, fit base panel and screw on remaining base panel rails to sides. Attach furniture glides or castors.

**Step 15:** Stick rubber buffers onto the underside of the lid to equal the thickness of the piano hinge and soften the lid closure. Screw lid back onto carcass.

### DECORATIVE IDEAS:

Add handles, external corner angles or other hardware to suit. Brass/aluminium strips, leather thonging, ribbon or flat braid can accentuate the rim feature. Add decorative mouldings and/or stencil on design if desired. Care: Due to specialized manufacture methods, sturdy wide panels up to 600mm are available from Porta.



PINE INNOVATIONS PANEL



STANDARD PANEL

To maintain the panels in pristine condition, store shrink-wrapped, laying flat, in a dry room until used.

### A frequently asked question: What paint can I use?

Almost anything! The regular grain of Pine Innovations wide panels enables wonderfully even paint coverage. In addition, being light in colour and knot-free, the panels can be successfully treated in a broad range of finishes from limed white, right through to dark jarrah. It is very suitable to use for projects you wish to match to existing products and or to a special colour scheme. Methods of application range from ragging through to spraying, and Watty! paints have been used in the accompanying illustrations.



limed white finish



jarrah finish



blue wash finish

