



Designed for my Deck and Patio project, these sectional chairs can be positioned in any arrangement and finished off with upholstered cushions and pillows to suit your personal decor.

summer *seating*

I know it's still winter but now is the time to get cracking on outdoor projects to improve the relaxation factor for summer in the garden.

In this project we show you how easy it is to make a sectional sofa for the patio or deck.





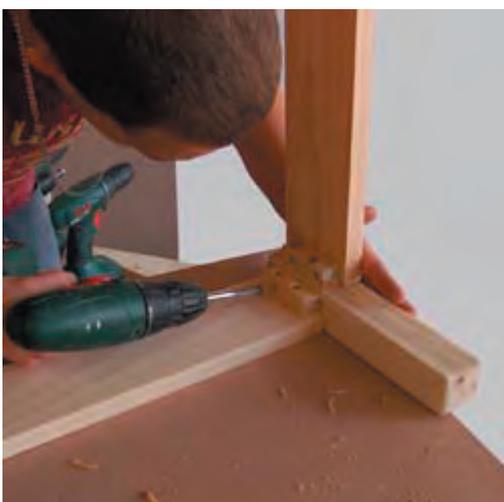
Here's how:

Preparation

Sand all sections before assembly. Chamfer the bottom edge of each leg.

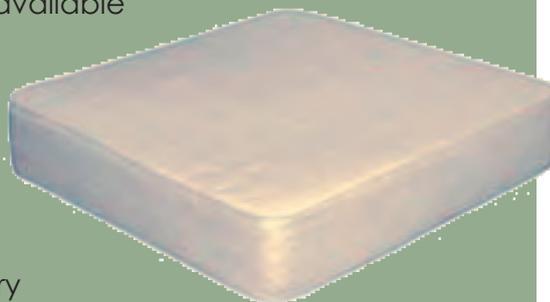


1. Start by assembling the seat frame. Attach the front, sides and back to the legs. For this you can use a Pockethole Jig or small blocks of wood. Doing it this way allows you to conceal all visible screws.
2. Insert a batten or support beam along each side at a depth equal to the thickness of the seat slats.
3. Position the seat slats on top of the support and screw in place.
4. The back supports can be attached using a Pockethole Jig, or by drilling a pilot hole through the back legs, countersink and screw. See Jointing techniques on next page for other methods that can be used.

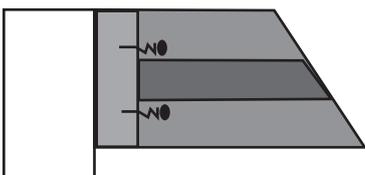
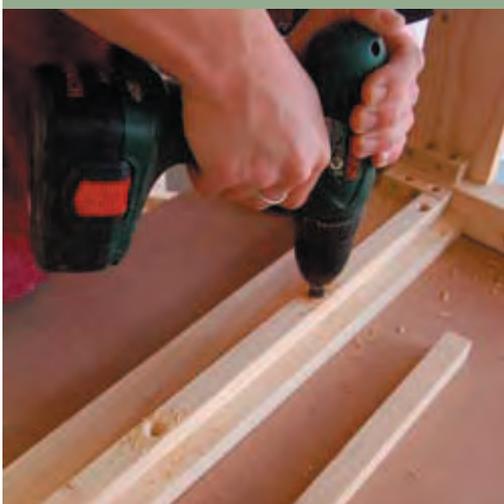


Upholstery

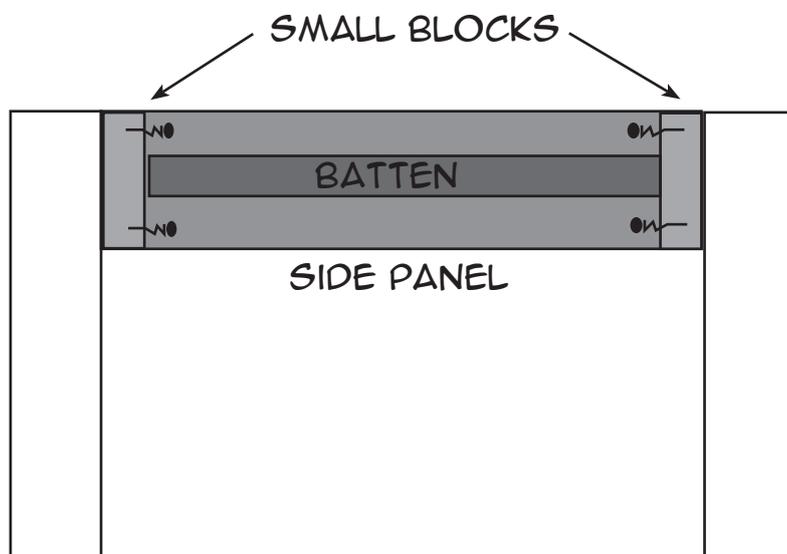
High density foam cut to size should be covered with a fabric that is easy to clean. Lining, parachute or waterproof fabric are available at most larger fabric stores. Alternatively, cover with a durable heavy-weight cotton.



To extend the life of upholstery, store in a dry



POSITION SCREWS AT DIFFERING HEIGHTS ON FRONT AND BACK TO PREVENT HITTING SCREWS ON SIDES.



Jointing techniques

There are various methods that can be used to attach the chair back and seat slats to the frame, especially if you want a finish that has no visible screws.

Mortise and Tenon (top right)

Used for thousands of years, the mortise and tenon joint offers a strong method of joining sections of timber without screws or nails. The joint may be glued, pinned, or wedged to lock it in place.

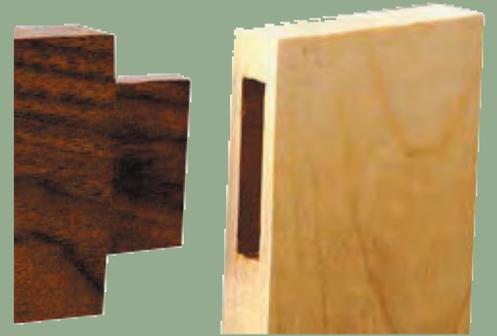
Dowel Joint (middle right)

A hole is bored into one side and dowel centres used to mark the holes to drill into the opposite section. A dowel pin and wood glue is inserted into the aligned holes.

Biscuit Joint (bottom right)

Using a biscuit joiner is used to join two pieces of wood together using small 'biscuits' and wood glue. The wet glue expands the biscuit, further improving a bond that is often stronger than the wood itself.

While some of these jointing methods may be time consuming, they do offer the advantage of an invisible joint that is more attractive.



Make your seat back with a flap that can be placed over the back of the chair frame and secured by a velcro strip - for easy removal and prevent slipping.



Finishing

To protect the wood and provide a smooth, satin finish, use **Woodoc 30** (Woodoc 50 for coastal areas) on all surfaces.

Make sure that the surface is clean and dust free. Apply a liberal coat to Woodoc 30 and let dry. Wipe with Woodoc steelwool and apply another coat. Once dry, apply a third and final coat.