

leaning shelves

Whether you choose to make this piece more functional, as in this office setting, or place it in a family room to showcase treasures, the basic construction is the same. You stain or paint to dress it up or down to fit the look of any room.

You will need:

- [1] Sheet 19mm plywood cut to sizes as indicated in diagram on next page.
- [3] Pine 25 x 75mm lengths of 2.5m
- [4] Pine 25 x 100mm lengths of 2.5m
- Wood glue
- Wood nail
- Foam pads
- Tools: Circular saw or jigsaw, sander, hammer

DIY Tip:

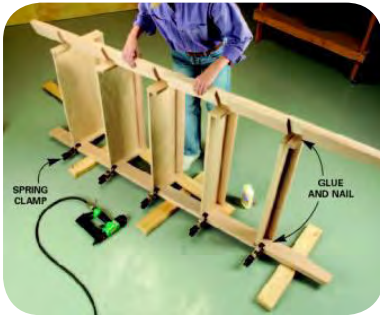
Always specify PG Bison plywood to ensure quality board. Examine the ends, edges and surface for blemishes or rough areas that won't easily sand out.

Have all your timber cut to size and edged at your local Timbercity. This makes the project so much easier and cuts the time to make in half. Remember to leave off edging for those sections to be angle cut.

1. One end of each shelf side has a 10-degree cut at the top and bottom, so we recommend first cutting them square at their exact length, then cutting the angle carefully so the long edge of each piece remains the same. Cut cleats F and H in exactly the same way. Sand edges smooth.
2. To begin assembly, lay out both uprights and all cleats to ensure that the angles are correct so the shelves will be level when the unit is against the wall. Then glue and nail the first cleat flush with the base of each upright (using five or six nails) on each cleat. Work your way upward using 25 x 76mm spacers. Make sure the spacer is the exact same width as the shelf sides! Set these aside to dry.



- For shelf assembly, glue and nail on the shelf backs. Next, apply the sides with glue and nails .
- For final assembly, lay one upright on timber supports, then clamp on the shelves as shown below. Apply the glue, position the second upright on top flush with the front edge of the shelves, then sink four nails into each shelf from the upright side.



- Carefully turn unit over and repeat the process to attach the second upright. Work quickly so the glue doesn't set.



- Lift the ladder shelf and place it upright against a straight wall. Check it with a framing square and flex it if necessary to square it up and to make sure that the uprights rest flat against the floor and wall (assuming your floor is level). Attach three bar clamps while the glue dries.

