WHAT YOU’LL NEED

Take this into store with you to make sure you get everything in one trip. For this project the following materials and equipment are required:

MATERIALS:
- Macrocarpa sleepers
- 180mm x 12mm coach screws and round washers
- 75mm or 100mm galvanized bugle head screws

TOOLS:
- Battery drill
- 32mm spade bit
- 8mm auger bit
- Socket set
- Mitre saw
- Square
- Pencil
- Hammer
- 5mm drill bit
- Belt sander
- Circular saw
- Router & radius bit or hand plane

HOW TO BUILD AN OUTDOOR BENCH SEAT

WHAT YOU’LL NEED

Take this into store with you to make sure you get everything in one trip. For this project the following materials and equipment are required:

MATERIALS:
- Macrocarpa sleepers
- 180mm x 12mm coach screws and round washers
- 75mm or 100mm galvanized bugle head screws

TOOLS:
- Battery drill
- 32mm spade bit
- 8mm auger bit
- Socket set
- Mitre saw
- Square
- Pencil
- Hammer
- 5mm drill bit
- Belt sander
- Circular saw
- Router & radius bit or hand plane

GET ALL THE HELP
YOU NEED ONLINE AT
mitre10.co.nz/easyas
GETTING IT DONE

Make the most of your outdoor living space by building your own macrocarpa sleeper bench seat.

It’s simple to make and easy to maintain, so you can enjoy more of the great outdoors.

Cut your sleepers to the correct dimensions. The standard width and depth of a sleeper is 400 x 200mm so you just need to cut them to the correct length. Cut two sleepers for the seats 1700mm long, two lengths for the legs 400mm long and four for the feet 160mm long. The feet you will also need to cut to 50mm thick and 100mm wide.

Feet

Once cut to size, use a circular saw to create a 45° bevel edge around the outside of the feet. To do this, set the circular saw to 45° and clamp the timber to a secure surface. Use the combination square to draw a pencil line 20mm in from the outside edge then cut along this line with your circular saw. Also cut 45° bevels on the short sides of the feet, using your mitre saw.

Seat

Just before you set the seat on the legs, use the router with a radius bit to round all the edges. Place the seat so that the underside (inside the bevel), lines up with the top of the legs, this is about 5mm in. Mark 200mm from the end (this is where the centre of the leg should be) and 50mm in from each side. This will be where the coach screws attach the seat to the legs. Then use a 32mm spade drill bit to create the holes for your coach screws and washer to fit in. They need to be counter sunk holes to ensure the coach screw head sits flush with the top of the seat. Drill down around 10mm with the spade bit. Then use an 8mm auger bit to drill through the centre of the counter sunk holes, all the way through the seat into the leg. Use a socket set to tighten the coach screws in place.

Legs

Place two feet under each leg. Each leg should be set in by 10mm from edge of the bevel, mark this with a pencil. Mark the screw holes in the centre of each of the top of the feet, then pre-drill the holes using a 5mm drill bit. Place the feet back on the leg, in line with your pencil marks and drill though the existing holes into the leg. Screw the feet to the legs using 75mm x 100mm galvanized bugle head screws. You could also use coach screws. Repeat this whole process to assemble the other leg and remaining two feet. Sand down all the timber to ensure a good finish. Now router around the edge using a radius bit. If you don’t have a router, you can just use a hand plane to bevel the edges, then give a sand down with an orbital or belt sander.

Mitre 10 Handy Hints:

- No stain or oil is required due to the naturally high amount of oil there is in Macrocarpa.

Limitation of Liability

This project planner has been produced to provide basic information and our experienced staff are available to answer any questions you may have. Because this planner is general in nature, neither your Mitre 10 supplier nor their staff are responsible for the application of these design principles in any particular case, as the contents of this brochure may need to be modified for the particular site and circumstances.

Mitre 10 is not responsible for the quality of work carried out on the goods by the consumer and is not responsible for the design or construction of any structure in which the goods are incorporated. Where applicable consumers should ensure that they comply with The New Zealand Building Code and/or Local Body Bylaws in respect of any such structures.

Consumers are advised to call a qualified tradesman such as a builder, electrician or plumber where expert services are required.

Mitre 10 will not be liable for any consequential loss however arising from the use of goods sold, nor for any loss caused by defective or inadequate structures in which goods are incorporated.

For more Easy As Guides visit mitre10.co.nz