



Hanging a door is a DIY job that really needs to be done properly. It's not for the faint-hearted, but with these simple steps, and proper tools and materials from Home Timber and Hardware, you'll soon get the hang of it.

## TOOL CHECKLIST

- |   |   |
|---|---|
| <input type="checkbox"/> Measuring tape                     | <input type="checkbox"/> Hammer             |
| <input type="checkbox"/> Spirit Level                       | <input type="checkbox"/> Chisel             |
| <input type="checkbox"/> Electric or hand planer            | <input type="checkbox"/> Dust mask          |
| <input type="checkbox"/> Circular or hand saw (if required) | <input type="checkbox"/> Safety goggles     |
| <input type="checkbox"/> Power drill with screw attachment  | <input type="checkbox"/> Hearing protection |

## MATERIALS CHECKLIST

- |  |   |
|--|---|
| <input type="checkbox"/> New door                  | <input type="checkbox"/> Sanding block                |
| <input type="checkbox"/> Door hinges (if required) | <input type="checkbox"/> Sandpaper                    |
| <input type="checkbox"/> Wedges or packing strips  | <input type="checkbox"/> Carpenters Pencil            |
| <input type="checkbox"/> Cardboard                 | <input type="checkbox"/> Door furniture (if required) |

## HINTS & TIPS

- Ensure before trimming the door to size that you follow the manufacturer's instructions regarding the door trim limits.
- Materials can be expensive to replace, always remember to measure twice, cut once!

## PLANNING

Selecting the right door is the most important part of this process.

### EXTERNAL DOORS:

As strength and security are important, choose a solid construction panelled door at least 40mm thick. Due to their weight, they should be hung on three 100mm brass butt hinges. If they're not already sealed, exterior doors should be covered with 2 coats of paint, varnish or sealer.

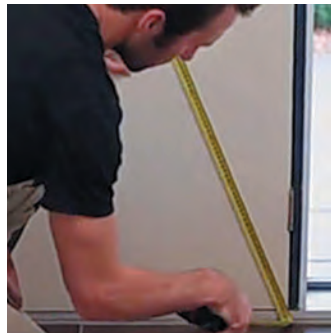
### INTERNAL DOORS:

Internal doors are normally 35mm, hollow core and hung on only two butt or flush hinges. Be sure to locate the lock before hanging and attach the hinges to the opposite side of the door.

## STEP 1 PREPARATION



Picture 01



Picture 02

Measure the door frame for width and height (*Picture 1*).

Ensure that you also check the door frame is square by measuring the frame diagonally (*Picture 2*).

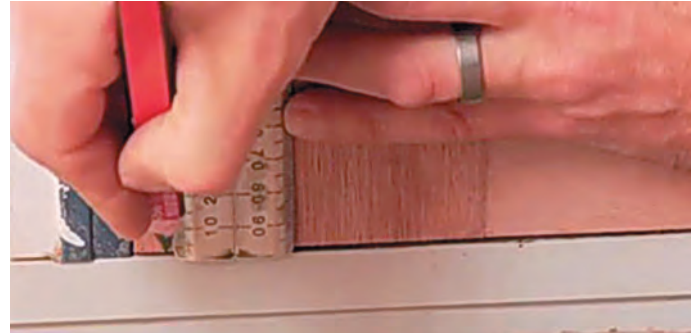
Visit your local Home Timber and Hardware store to select a door that is the right size for you. You may not find a door that is the exact size



Picture 04

Ensure that when cutting, planing or sanding timber that you wear the correct safety equipment such as dust mask, goggle and hearing protection (*Picture 4*).

If there's less than 6mm to be trimmed use a hand planer or electric planer. Clamp the door, hinge-side down, to your workbench and



Picture 03

you are looking for, always select the one that is a little bigger that can be trimmed to size.

Once you have your door, measure and mark your trim lines, measure twice and cut once. Allow a 5mm gap at the bottom for floor covering (*Picture 3*), a 3mm gap for the top and sides.



Picture 05

plane with the grain. On top or bottom edges, plane in from the edges to the centre to avoid splintering (*Picture 5*).

If it's a solid door with more than 6mm to trim, use a handsaw or circular saw. Ensure that you do not exceed the height and width trimming allowances. Give the edges a light sanding.

This information is intended as a guide only. Please check with your council for any relevant laws before commencing any work. Always wear personal protection equipment and use tools safely.

## STEP 2 HANGING THE DOOR



Picture 06

Position the new door into the doorframe and mark the hinge recesses (*Picture 6*). If it is a new door going into a new frame, mark the top hinge 175mm down from the top of the door and the bottom hinge 280mm from the top. If a third hinge is required, place it equally between the top and bottom hinge.



Picture 07

Open the hinge and hold it in place on your mark, with the pin hard against the face of the door (*Picture 7*). Using a pencil, trace the outline of the hinge onto the door timber. Repeat at the other end.



Picture 08

Using a sharp chisel, make a series of cuts along the pencil line. Chisel the recess out until the hinge fits flush with the door's edge (*Picture 8*).



Picture 09



Picture 10

Mark and drill your screw holes (*Picture 9*), then screw the hinges into place. Place the door at right angles to the opening. Adjust the height with wedges under the door until it's approximately 3 millimetres from the top of the frame (*Picture 10*).



Picture 11

Reposition the door again and attach each hinge with one screw only. Close the door and check your clearances all-round (*Picture 11*). Adjust if necessary by lowering or raising your wedges, or packing under the hinges with thin cardboard. Insert the remaining screws. If you also have to fit new door furniture, follow the manufacturer's instructions using the door installation kit.

Congratulations you have hung your new door.

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