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Equipment Since 1981

FLOORANCHORS



Installation Instructions

TOOLS AND MATERIALS NEEDED

Tools Needed

- 10mm & 13 mm drill bits
- (included in the starter kits)
- Large countersink
- Pencil
- Tape measure
- Electric drill
- Wrench
- Screwdriver

Materials

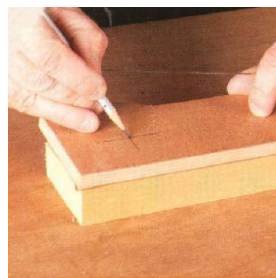
- Floor Anchors
- 5 minute epoxy
- Q-tips
- Masking tape
- Thin hatch tape

INSTALLATION STEPS

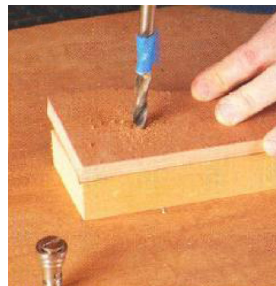
1 The starter pack contains four Floor Anchors, a couple of drill bits, a tap and countersink (taper cutter), which you need to make a neat job of the project. Once you have these tools in hand, you can buy additional anchors as you need them.



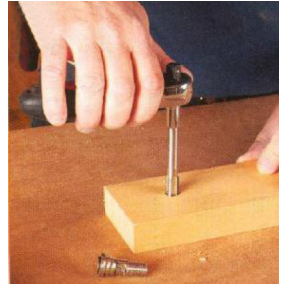
2 Mark out the center of the spot where you want the finished Floor Anchor to sit. Don't put it too close to the edge of the sole panel, and make sure it is not closer than about $\frac{1}{2}$ " from the edge of the underlying support structure. A piece of soft plywood is shown for example here.



3 With the floor panel held or clamped firmly onto the support, drill through the panel until you reach the predetermined depth you have marked on the drill bit with masking tape. Ensure that the drill is perpendicular to the panel.



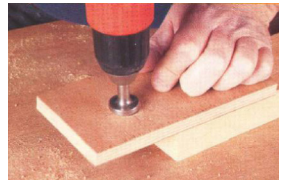
4 Remove the floor panel and set it aside, then tap the hole in the floor timber or support. If you do not have the correct tap wrench you can use a small socket and ratched handle.



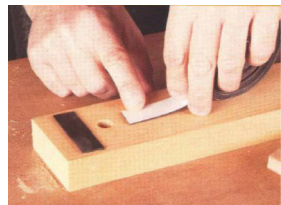
5 The next step is to open out the holes in the floor panel with the 13mm drill. A drill press is advised if you have the option. A handheld drill works fine, but make sure to keep the drill upright.



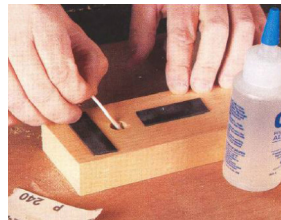
6 Using a countersink ensures that the anchor sits flush with the top surface of the floor panel. You will need to apply a fair amount of pressure, as this cuts with a reaming action. You can't drill too far, though, because the collar keeps the bit from going any deeper than is necessary.



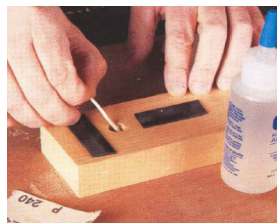
7 Apply thin hatch tape as required to the underlying surface of the floor panel. It provides cushioning and silences any creaks and groans.



8 After blowing out any dust from the tapped hole, smear in a little epoxy with the end of a Q-tip or other small stick. Don't use too much, this is simply to make sure that the bottom half of the anchor stays put. If you use too much epoxy, it could squeeze out and glue the floor panel in place. The epoxy used here is a 5 minute epoxy to speed things up, if you use regular epoxy, let it cure overnight.



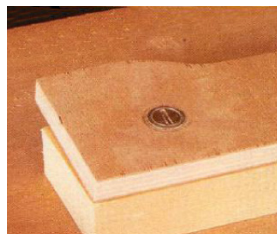
9 Spread a little epoxy on the countersunk ridges on the top anchor section.



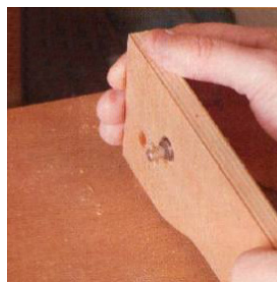
10 While the epoxy is still wet, use a large screwdriver to thread the complete anchor through the top panel and screw it into the tapped hole beneath.



11 Screw the anchor down until countersink is flush with the surface of the floor panel, as shown. Wipe up any epoxy that squeezes out, and allow it to cure. The job is now complete.



12 You can now release the panel with a half-turn of the screw. You can see here how the Floor Anchor works: a bayonet-type connector engages into the permanently fitted female receptacle.



13 You should now be free of creaks and moans from the floor.



TOP TIP

When you tape the drill bit to mark the hole depth, leave a tag of tape sticking out from the side like a small flag. This will whirl around, sweeping away the sawdust when it reaches the correct depth.



Instructions & photos courtesy of Mark Corke www.onboardwithmarkcorke.com

Notes: _____

Handwriting practice lines consisting of multiple sets of three horizontal lines (top solid, middle dashed, bottom solid) for letter formation.

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