

Soap Beveller Tutorial by Bernardo

Here's a little tutorial on how to make, for next to nothing, your own soap beveller.

Here's what you need:



1. 2 pieces of wood.

You can use any wood, of any size. Just make sure they're both the same thickness. That'll make your life much easier. I used 2 pieces of 3"x1"x10", so I will cite the measurements for that size wood.

2. 2 short wood screws.

3. A few washers.

4. Some glue.

5. The blade.

This is the blade I used.



It's a 1/2" chisel blade for an X-Acto hobby knife.

Now, don't get too caught up on it. Remember: you're cutting soap, so any blade will work, or any kind of metal you can sharpen to a fairly good edge. Use your imagination.

So now, let's start.

Take one of the pieces of wood, and lay a bead of glue on its edge

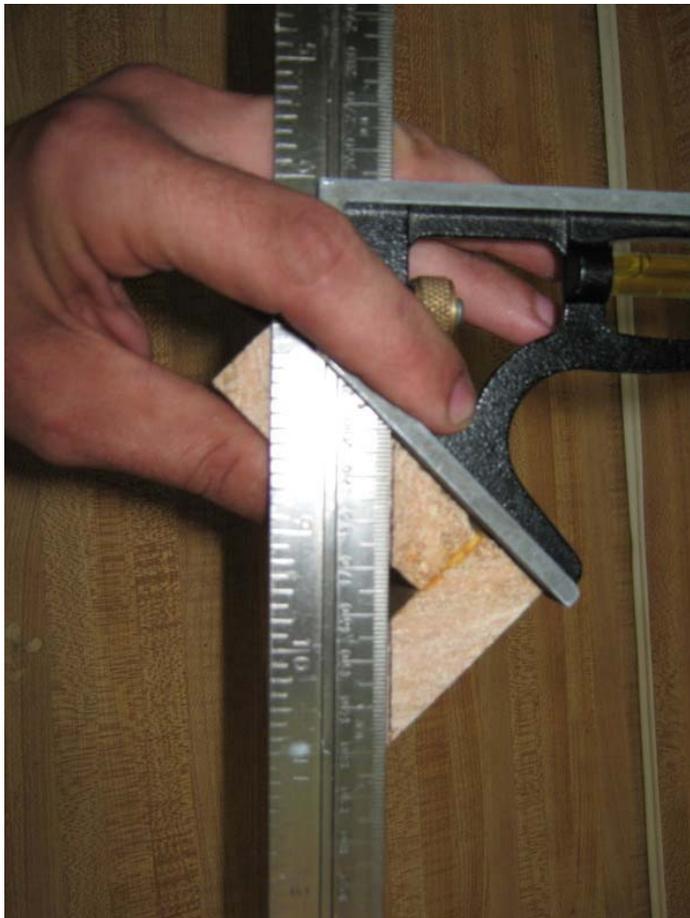


Now, take the other piece, and lay it at a 90* angle with the first piece. Make sure the end of the second piece lays flat with the surface of the first one. Clamp them together, and let the glue dry. make sure to wipe off any excess glue that may appear, especially in the inside of the angle.



Again use your imagination. If you don't have a set of c-clamps, some cord, or adhesive tape, or any weight will do the trick.

Now, once the glue is dry (be patient!!!), take a square with a 45° side (you do need this one. sorry)...



Place it on the end of the part as shown, and trace a line, leaving a space of about 1/4" (it's not critical) between the square and the internal apex of the angle.

Now, measure the distance between the end of this mark and the external apex of the angle, as shown.



In my case, using 1" wood, that measurement was $1 \frac{7}{8}$ ".

Now, make a mark on the apex, 4" from the end...



...and draw 2 lines, perpendicular to the apex's edge, starting on that mark.

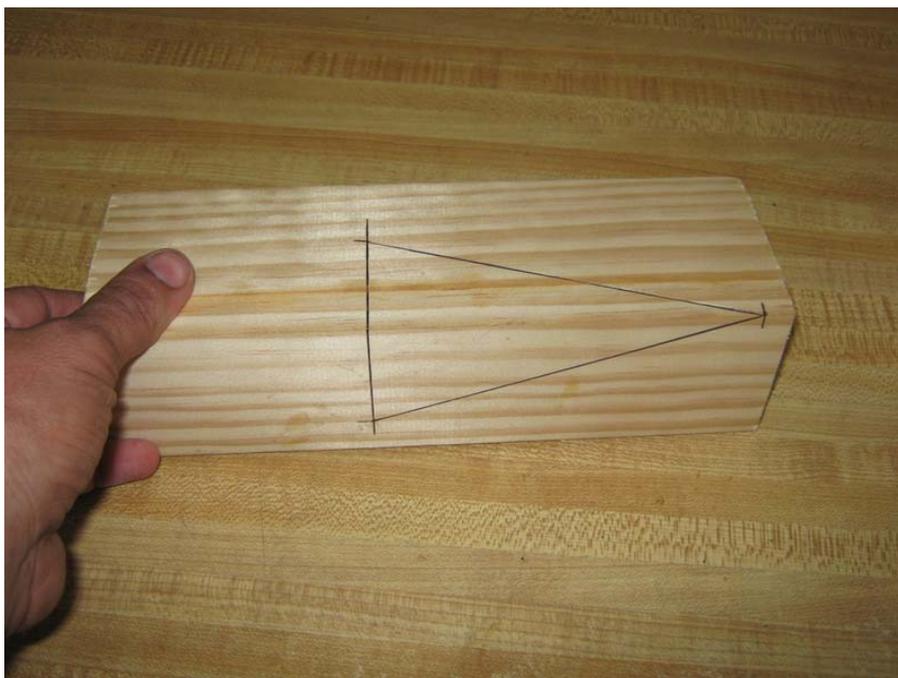


Now, make a mark on each of these lines, at the distance you measured earlier ($1 \frac{7}{8}$ " in my case) from the apex's edge. Make another mark on the apex's edge, $5 \frac{1}{2}$ " from the lines, and trace a diagonal between the marks.

Here's what it should look like:



And here's another angle:



NOW'S WHEN THE FUN BEGINS!

Now, take your preferred cutting tool (I used a handsaw, but you can use whatever you're comfortable with), and **CAREFULLY** trim away the figure you just marked.



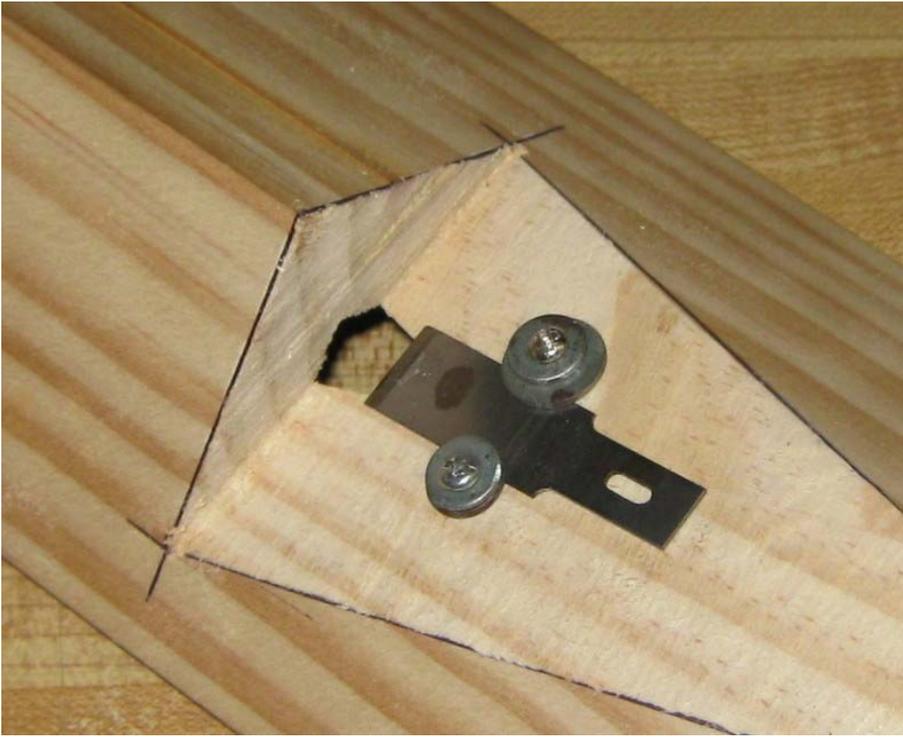
Two things are important here:

First: that you follow the lines you just traced carefully.

Second: that the "floor" of the inclined part of the cut (where the blade is gonna sit) is as flat as possible.

Now, take the blade, and fix it to the cut by its SIDES, using the 2 short screws, and as many washers as you may need, to insure that the screws don't show in the inside of your new beveller.

Notice that I installed the blade with the bevelled part facing down, so here's no risk of it pushing the soap bar up as you move it over it.



Now, get your beveller, adjust the blade to your liking, and WATCH YOUR FINGERS!!! 😊



One last thing: I'm well aware that my English is far from perfect. I attached as many pictures as I could, to make everything as clear as possible. Anyways, if there's **ANYTHING** you don't understand, feel free to ask **BEFORE** getting hurt.

PLEASE, BE CAREFUL!!!

Sorry for the long post.