

# **Easy-To-Build WINE RACK**

## Intro: Easy to build WINE RACK

This is an easy but efficient way to make a wine shelf yourself. This is mine, mounted, oiled and filled up with some good wine bottles.



## Step 1: Ingredients (I also like to cook ;-)

All you need are some 20mm thick, 125mm large and 2,5m (depending on the height of your room) long laths. You can get them almost everywhere in hardware stores. An electric drill, a jigsaw, some screws, a 30mm Forstner bit, time and some working skills ;-)





1. choose laths with wood grains. They look great after being oiled up...



**Image Notes**

1. long lasting accumulator capacity recommended!





**Image Notes**  
1. the toothed one!

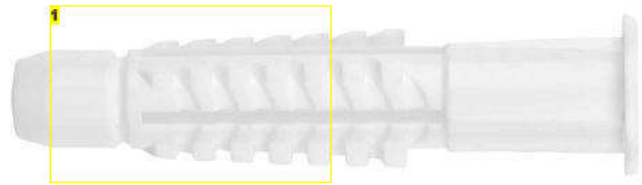
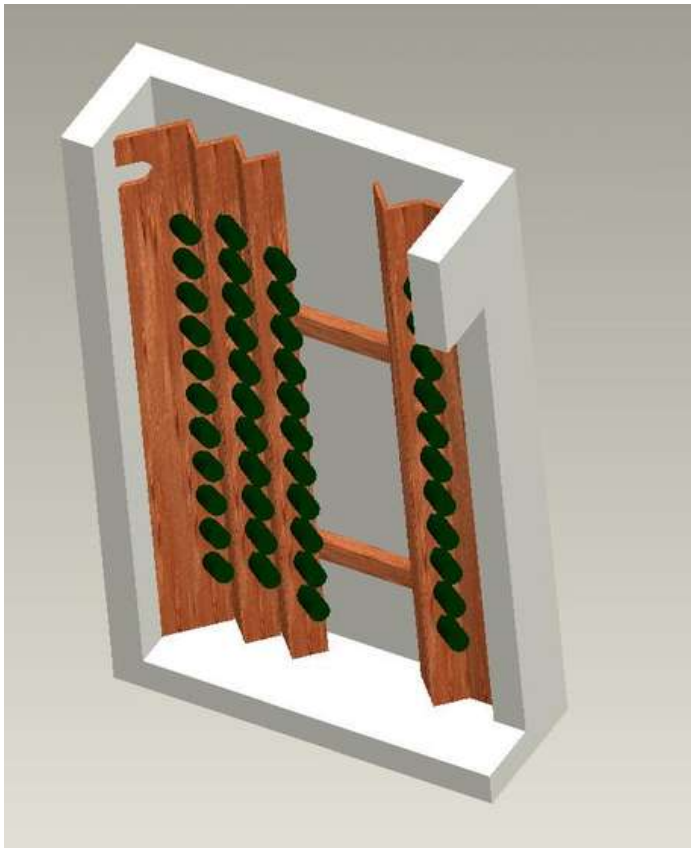


## Step 2: Prepare the fixing construction

First thing to do, is to horizontally fix two pieces of the laths onto your wall where the shelf should be finally mounted.

Best way to do this is to take some dowels and fix each lath with two screws.

Drill two 6mm holes into each lath. Position it onto your wall, drill the same holes into the wall, put in the dowels and fix the laths by using long (min. 70mm) screws.



### Image Notes

1. best one - for my opinion. <http://www.tox.de/>



### Step 3: Drill the holes!

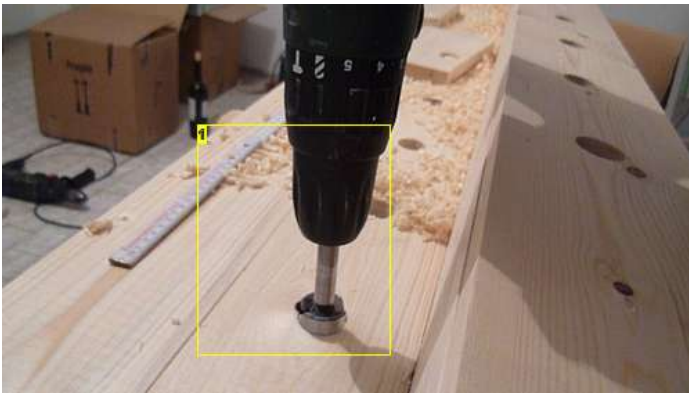
Stacked wine bottles should always have a moist cork to avoid a slow drying of it. If so, the cork will shrink, air will get into the wine bottle and you would make winegar out of your precious wine.

To make sure this won't happen you have to drill the holes, where you stick in the bottles neck, inclined.

Before you drill the holes, cut the laths in your desired height. Start with the centered hole and go on with the next one...

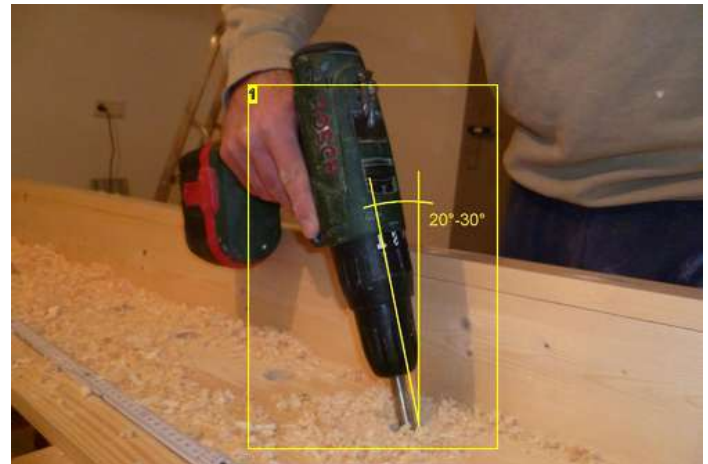
To make sure you always keep the same distance between two holes make yourself a gage. A piece of the cutted Lath with two holes in it is good enough. I choose 150mm gap between two holes.

I also shifted the holes between two successive laths. Looks pretty irregular.



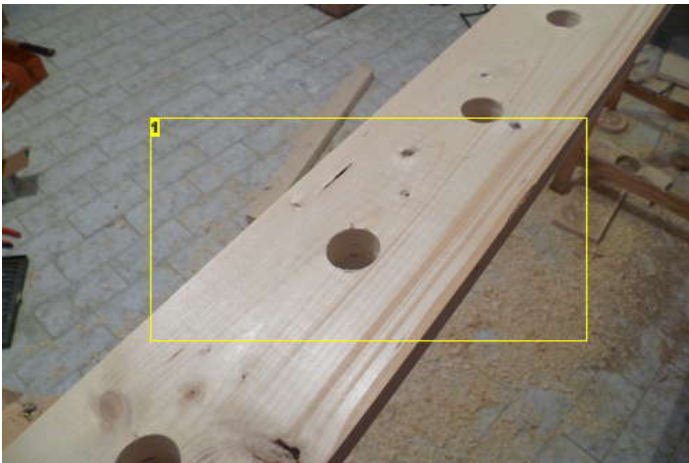
#### Image Notes

1. start drilling upright 2-3mm and slowly...



#### Image Notes

1. ...tilt to the desired angle.



#### Image Notes

1. Lath with holes.

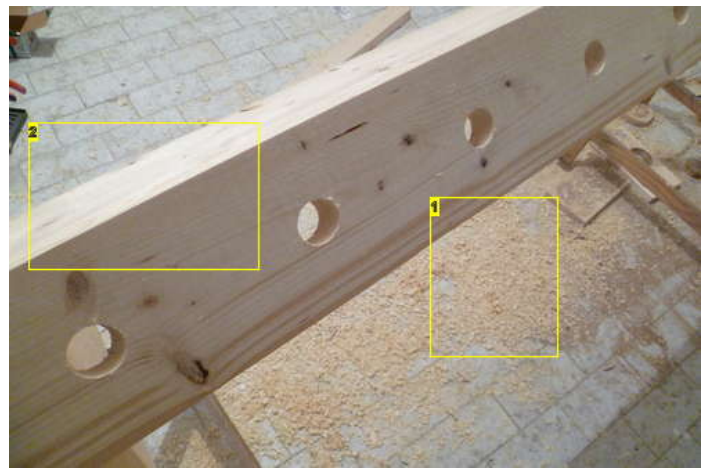
### Step 4: Line up the laths

Now that you have prepared the laths you can line them up onto the construction you screwed on your wall in step 2. You can line them up, side by side or choose to build an angled version like I did.



**Image Notes**

1. You can arrange them in 45 degrees. This makes the whole thing slim. I don't have much space...



**Image Notes**

1. a lot of chips...  
2. I preferred to build an angled version of it... see pic on step 1.

**Step 5: Fix the laths. Done!**

You can now fix the laths on your construction you prepared in step 2.  
Screw them up side by side.  
Fill up the rack with wine bottles....  
DONE! ;-)



**Image Notes**

1. shifted holes between two successive laths.



**Image Notes**

1. wood grain...