

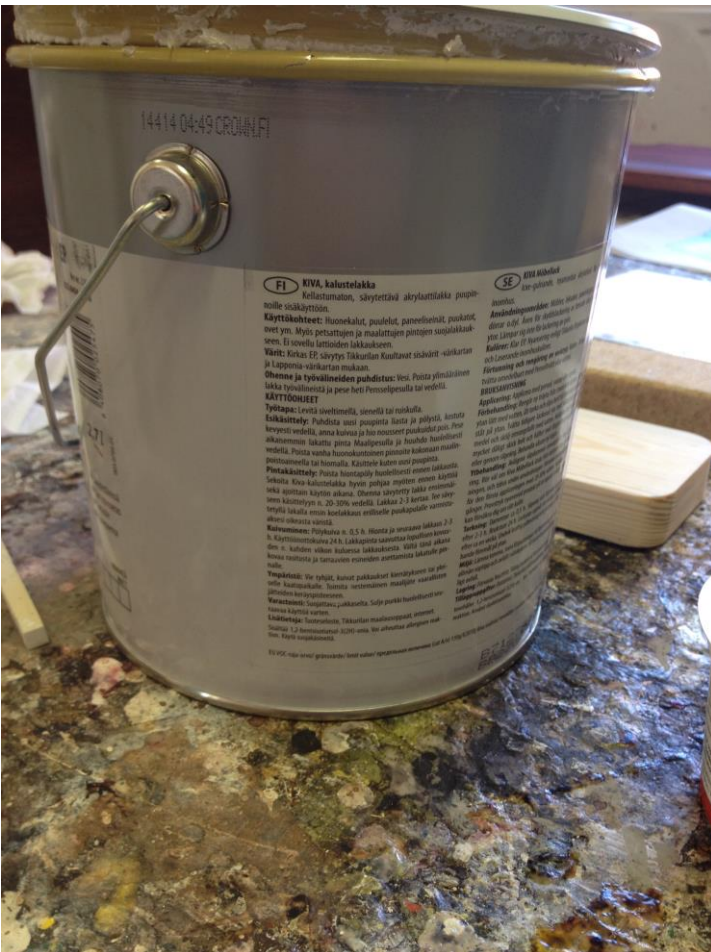
Wood varnishing

- Varnish can be used to protect the wood from scratches and detrition. With a colored varnish it is possible to tint the wood. The hard and paint-like surface does not cover the fibers of the wood. The color of the wood and the number of the layers of varnish added influences on the final result.
- There are water-soluble and medium-soluble varnishes. Water-soluble varnishes are easy to use. Medium-soluble varnishes are more sustainable and they dry slower. They are usually used only on demanding objects.
- Use a natural hair brush for the medium-soluble varnish and wash it with white spirit, and a synthetic fiber brush for the water-soluble varnish and wash it with water.
- It is important to sand and cleanse the wood carefully before varnishing.
- The varnish should be applied in the same direction with the fibers of the wood.
- Varnished wood does not have to be processed more. If another layer is wanted to apply, check the drying time of the varnish from the package of the varnish that you are using.



NB! Always ask help from your teacher if needed. Make sure you are in a well ventilated room. Remember that varnish is only for external use.

STEP 1
Remember to use protective clothing: jacket and gloves.



STEP 2
Read the instructions carefully from the package of the varnish



STEP 3

Take what you need

HERE IS WHAT YOU NEED:

- Wood you are working with
- Test piece
- Two pieces of sand paper: Rough and smooth
- Damp or dry cloth
- Varnish
- A small amount of water
- Mixing cup and mixing stick
- Brush
- Clean underlay to protect the table
- Bars to hold the work piece



STEP 4

Sand the wood smooth to remove any scratches, lumps or creases with rough sand paper and finish it with the smooth sand paper.



STEP 5

Remove the sand dust with a slightly damp or dry cloth.



STEP 6

Mix the varnish with the mixing stick all the way from the bottom to the top well.



STEP 7

Pour the needed amount of varnish into the mixing cup. NB! Do not take the varnish from the original package with a used brush, so that it stays clean. If you need more varnish, pour it again in to the mixing cup, and take it with brush only from the cup.



STEP 8

Add a little bit of water (20-30% of the amount of the varnish) into the mixing cup to make the varnish thinner.



STEP 9

Stir the mixture properly



STEP 10

Try the varnish to the test piece. If it works well, you can continue to your project.

STEP 11

Put the work piece on top of the bars so that it is not touching the table.

STEP 12

Apply the varnish with a brush in the same direction with the fibers of the wood



STEP 13

NB! The varnish dries quite quickly, so apply it fast. Notice the possible pouring.



STEP 14

Put the work piece to dry in to a safe place on top of the bars. Check the drying times from the package of the varnish you used. Sand the surface and possible pouring marks with a smooth sand paper before applying the second coat of varnish. You can apply a third coat of varnish if you want to, but this time you do not have to sand the whole surface.



STEP 15

Clean the equipment properly. If you used water-soluble varnish you can clean them with water, and if you used medium-soluble varnish you have to clean them with white spirit. Put everything back to their places.