

Instructions for dyeing with the WEJA Plant Dye Kit



Hemp

Depth of color shades

By using the WEJA dyeing kit you can produce different levels of color intensity. Generally, an increase in the amount of textile and water leads to a decrease in color intensity. The following table will serve as a reference for the choice of the amount of textile and water. For dyeing in the washing machine refer to the amounts corresponding to 20 l and 25 l.

depth of color shades	amount of water [l]	WEJA-dyeing kit	weight of textile [g]
strong	7,5	50 g	100
	20	250 g	500
	40	2 x 250 g	1000
standard	10	50 g	150
	25	250 g	750
	50	2 x 250 g	1500
pastel	20	50 g	300
	50	250 g	1500
	100	2 x 250 g	3000

Tip: WEJA Elderberry blue is not suitable for pastel-dyeing.

Dyeing in the washing machine

1. Take the numbered bags as well as the bottle with the conditioner from the WEJA dyeing kit.
2. Place the content of the PE bottle (1)(conditioner) and the material to be dyed in the washing machine.
3. Close the washing machine.
4. Set the temperature and washing time on your washing machine as indicated on page 2.
Select a programme with rinsing process, but do not spin if possible.
Start the programme.
5. Open the washing machine on completion of the programme and place the bag marked with the next highest number in the washing machine and proceed as described in steps 3 - 5. **Do not open or empty the bag!** Use any remaining bags in the same way.

Tips for use: If you can't set the time and/or temperature on your washing machine, select the boiling-programme. If the boiling-programme is shorter than the required duration, you will have to turn off the washing machine before the rinsing starts, reset the boiling-programme to the start and turn the washing machine on again. The boiling-programme will start again. Using this technique you can extend the duration of the boiling-programme to meet the requirements. With dyeing, a color change of the rubber, plastic and PVC pipes in the washing machine cannot be excluded. We recommend a boiling programme without any washing directly after dyeing, to clean the machine and other parts properly. Machine dyeing can build up a lot of froth or lather.

Dyeing in an open pot



1. See page 1.
2. Place the content of the PE bottle (1)(conditioner) and the textile that is to be dyed in a pot containing cold water.
3. Heat up slowly to the temperature indicated on page 2.
4. Keep temperature at a constant level for the duration indicated and keep moving the textile around in the fluid.
5. Let fluid cool.
6. Take textile out of the pot and rinse it with water.
7. Empty the pot.
8. Replace the rinsed textile in the pot, refill it with cold water, add the bag marked with the next highest number and proceed as described in steps 3 - 7. **Do not open or empty the bag!** Use any remaining bags in the same way.

Tips for use: Through the slow heating and cooling process, you retain the natural fibre structure. Keeping the textile moving reduces stains. Dyeing in washing machines usually produces a more even dye.

Dye	PE bottle / Bag	time (min)	Temperatur (°C)
Mignonette yellow	1	30	98
	2	60	98
Lac-red	1	30	98
	2	60	98
	3	30	80
Nut brown	1	30	98
	2	60	98
Catechu russet	1	30	98
	2	60	98
Madder apricot	1	30	98
	2	60	80
Elderberry blue	1	30	98
	2	30	80
	3	60	98
Mango	4	30	80
	1	30	98
	2	60	80
Anthracite	3	30	80
	1	30	98
	2	60	98
Olive green	1	30	98
	2	60	98
Mistel green*	1	30	98
	2	30	80
	3	60	98

* low fastness to light

Tip: Treating hemp at 98°C doesn't usually harm the fibre. However, do follow the washing instructions on your textiles.

Washing the dyed textiles

Dyed textiles should only be washed with a detergent for color, free of brighteners/bleach and at temperatures up to 40° C. Dyed textiles should the first time be washed separately.