



Wachsbeize

Technische Information

- Characteristics:** Emulsion of natural waxes in water with addition of ammonium hydroxide as emulsifying agent. Except of **Wachsbeize Nr. R121** (colourless) all other colours contain earth tones and partially dye extracts.
A perfect result can only be achieved by carrying out the following instructions.
- Area of application:** **Wachsbeize** has been developed especially for coniferous woods. They are mainly used for colouring and surface finish of carvings and souvenirs, of wooden ceilings and decorations. **Wachsbeize** offers a velvety, satin matt surface. It is unsuitable for furniture that is exposed to chemical and mechanical stress (e.g. kitchen, chairs).
- Substrates:** Dry, resin-free coniferous woods, planned and sanded, but also textured. The substrate must be dry and solid. Highly resinous woods are unsuitable because escaping resin saponifies and results in white spots.
- Processing:** **Wachsbeize** is applied with a metal-free brush or cloth and spread uniformly. After a short reaction remove the excess stain. **Wachsbeize** can also be applied by spraying (gravity spray gun, spray pressure 1.5-2.5 bar, nozzle size 1.1-1.3 mm). If doing so the material must be applied uniformly. Ensure to use only stainless devices and that there aren't any residues of lacquer or thinner in the spray equipment. After a drying and reaction time of at least 5 hours use a horse hair bristle or a brush with leather inserts or an appropriate brushing machine to brush thoroughly and uniformly.
- Dilution:** **Wachsbeize** is delivered ready to use. It must not be thinned with water. Use **Wachsbeize Nr. R121** (colourless) to brighten up. Depending on the colour shade and the brightening level, it is to be expected that the light fastness is reduced. For tinting use **Pro Mix® Stains Beizen Tönkonzentrate WLF** (max. 5%). Please observe technical data sheet.
- Spreading rate:** Applied quantity: Approx. 100 ml/m².
Approx. 10 m²/l (depending on the absorptivity of wood and application method).
- Drying time:** Depending on application method and applied quantity at room temperature (20°C/65% relative air humidity): Approx. 5 hours.
Lower temperatures and higher air humidity extend the drying time.
- Primer and topcoat:** **Wachsbeizen** can't be re-coated with common lacquers. In order to make surfaces splash-proof we recommend applying one to two coats of **Schutzwachs MWF**. Since **Schutzwachs MWF** dries very matt it is recommended to polish with a soft brush to silk gloss. Surfaces that should be also temporarily resistant to stagnant water (DIN 68861 / 1C) can be treated subsequently with **Schutzwachs Super 85**. In this case **Wachsbeize** must not be brushed previously Please consider that the colour of **Wachsbeize** may change depending on the recoating material.
- Cleaning of tools:** With warm water.
- Storage:** At least 1 year in its original closed container.
In case of multiple opening with partial withdrawal it is possible that bacteria can invade which affect the dye extracts and thus can change the colour shade. **Protect from frost!**

Please turn over!

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Special remarks:

- Before applying the stain, it is absolutely necessary to do a test application on the wood which is going to be used. Wood is a natural product and can react differently depending on the wood ingredients and its growing region and can show chromatic deviation.
- In any case keep the stained sample.
- In case of larger application ensure to use stain of one batch. If the quantity is not sufficient the stain material of different batches must be mixed up before use. In case of a new container a test staining has to be done again.
- Due to exposure to sunlight, the colour of the wood and the stain may change in the course of time.

Tested according to:

DIN EN 71-3: Safety of toys (Migration of heavy metals).

Please consider:

The product and the recommendations in this technical data sheet correspond to today's state of the art. Our oral and written application recommendations, that are based on years of experience and provided to the best of knowledge, are non-committal and do not establish a contractual relationship and secondary obligation of the sales contract. They do not release the user from his obligation to verify on his own responsibility the existing substrate and the suitability of our products for the intended purpose. In case of doubt, suitability and spreading rate are to be tested by creating a sample. If our products are combined or intermixed with third-party products we cannot guarantee a perfect surface finish. Our general terms and conditions apply.

This technical data sheet replaces all previous versions.

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