



Pigmentbeize

Technical Information

- Characteristics:** **Pigmentbeize** is an aqueous suspension of micronized pigments and contains additives which promote the special wetting, the pigment distribution and the penetration in the wood. The pigments used present an excellent light fastness. A perfect result can only be achieved by carrying out the following instructions.
- Area of application:** Can be applied on bright hardwood and softwood used for refinishing of the interior and manufacturing of furniture. Not suitable for exotic woods rich in active substances. Also suitable to stain board flooring and parquet.
- Substrates:** Dry, clean wood, free from resin and oil. Sand previously smooth surfaces, possibly soak the wood, sand with grain 150 and free thoroughly from dust.
- Processing:** Stir well **Pigmentbeize** before and during the application.
- Manufacturing furniture/ interior fittings:
The stain is applied by spraying (gravity spray gun, spray pressure; 1.5-2.5 bar, nozzle size: 1.1-1.3 mm) or stain brush. The surface must be uniformly moist. The applied quantity depends on the absorptivity of the wood. In case of coarsely porous wood an excess of stain is applied which is spread with a large stain brush (synthetic bristles): First across then lengthwise to the wood grain.
- Board floors and parquet:
Apply the stain by roller or brush, but not too generously. After a short exposure time, rub the stain into – board by board – by using a disc-type sander and white pad. After drying overnight the surfaces can be treated with **HydRo Parkettlack** (lacquer) or **NaturExpert-Öl** (oil).
- Dilution:** **Pigmentbeize** is ready for use and cannot be thinned with water. For brightening **Pigmentbeize farblos** must be used. Depending on the colour shade and the reduction level it is to be expected that the light fastness is reduced. All colours of **Pigmentbeize** are inter-mixable. **Pro Mix® Stains Beizen Tönkonzentrate WLF** is perfectly suitable to tint (max. 5%). Refer to technical data sheet!
- Spreading rate:** Applied quantity: Approx. 100-120 ml/m².
Approx. 8-10 m²/l (depending on the absorptive capacity of the wood and the application method).
- Drying time:** Depending on the application method and the applied quantity at room temperature (20°C/65% relative air humidity): Approx. 5 hours.
Lower temperatures and higher air humidity extend the drying time.
Recoatable: For solvent-borne lacquers after approx. 6 hours, for waterborne paints after approx. 2 hours. In case of board floors and parquet already laid a drying time of approx. 14 hours is necessary.

Please turn over!



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Primer and topcoat: Surfaces that have been treated with **Pigmentbeize** need to be recoated. Please consider that the colour of the stained surface may change depending on the recoating material e.g. solvent-based or water-based paints. Depending on the stain colour and the timber in use we recommend using anti-fading paint e.g. **DuoCryl Top**, **DuoCryl Expert** or **RoCryl HS** to retard colour changes due to exposure to light. **Pigmentbeize** can provoke colour changes especially on light-coloured wood containing tannin. The choice of finishing lacquer depends on the intended use and on requested resistance of the surface.

Cleaning of tools: With warm water.

Storage: At least 1 year when kept in the original unopened container. Store it in a dry, cool and frost-free place.
In case of multiple opening the container 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!

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.

Please consider: The product and the recommendations in this technical data sheet correspond to today's state of the art. Our application technology recommendations oral and in writing, which we give due to our experience to the best of our knowledge, are non-committal and do not constitute a contractual legal relation and additional obligation of the sales contract. They do not release the user from his obligation to check the existing underground and the suitability of our products for the intended purpose on his own responsibility. In case of doubt, suitability and consumption rate are to be tested by creating a sample. When merging other products with our own products or processing with foreign manufactured products we cannot guarantee a perfect final result of the surface. Our general terms of payment and supply are in force.

With this technical information all previous lose their validity.

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