

Natureffekt PS Beize

Technical Information

- Characteristics:** Aqueous solution of dyes and reactants. **Natureffekt PS Beize** is ready for use and allows realising with little effort a distinct positive effect. A perfect result can only be achieved by carrying out the following instructions.
- Area of application:** **Natureffekt PS Beize** has been developed to achieve a natural effect of aged pine wood. It can be used in furniture construction and interior fittings.
- Substrates:** Dry, clean, resin-free coniferous wood; sanded and textured. Sand previously smooth surfaces with grain size 120.
- Processing:** Stir well **Natureffekt PS Beize** before and during the application process. The stain is especially adjusted for spray application (gravity spray gun, spray pressure 1.5-2.5 bar nozzle size 1.3-1.5 mm). Applying this stain with brush may cause spots due to different absorptivity of the wood. Application by spraying is therefore preferable (Air or Airmix – Airless is not suitable). The stain should be applied moderately. The surface should be uniformly moist but not wet. Avoid any stain excess. It is preferable to apply 2 thin layers (wet in wet) than one very wet coat. It's absolutely necessary to do a stain sample. There is no need to brush the stained surface prior to overcoating.
- Dilution:** **Natureffekt PS Beize** is ready for use and must not be thinned with water. To brighten shades use **Natureffekt PS Beize farblos**. Depending on the colour shade and the brightening level, it is to be expected that the light fastness is reduced. All colours are intermixable. For tinting use **Pro Mix® Stains Beizen Tönkonzentrate WLF** (max. 5%). Please observe technical data sheet.
- Spreading rate:** Applied quantity: Approx. 80 ml/m².
Approx. 12 m²/l (depending on the absorptivity of the wood and the application method).
- Drying time:** At least 6 hours (preferable overnight) at room temperature.
It's impossible to accelerate the drying by heat!
Primer and surfaces that have been stained with **Natureffekt PS Beize** need to be coated.
- Primer and topcoat:** Surfaces that have been treated with **Natureffekt PS Beize** 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. The choice of finishing paint depends on the intended use and on requested resistance of the surface.
- Cleaning of tools:** With warm water.
- Storage:** Storable at least 1 year in 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.

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 inter-mixed 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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