

KKB Beize

Technical Information

- Characteristics:** **KKB Beize** combines dyestuffs, dye extracts and special stain chemicals in aqueous solution. Furthermore this wood stain contains active wetting agents and is ready for use without any further additives.
A perfect result can only be achieved by carrying out the following instructions.
- Area of application:** **KKB Beize** can be applied to all common hardwood like e.g. ash, beech or oak used for manufacturing furniture and interior fittings.
Highly resinous wood needs to be deresinified thoroughly before staining.
- Substrates:** Dry, clean, resin- and oil-free wood. Before staining, it is important to sand perfectly and if necessary to soak the wood. It is to be ensured that the surfaces and cells are free from abrasive dust in order to avoid any fault in the staining result.
- Processing:** **KKB Beize** is ready for use and is applied quite wet without any further additives by brush, stain sponge or spray application (gravity spray gun, spray pressure: 1.5-2.5 bar, nozzle size: 1.1-1.3 mm). Apply uniformly.
- Dilution:** **KKB Beize** is ready for use and should not be thinned. All colours are intermixable. To brighten single colours use **KKB Beize farblos**. 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. 8-12 m²/l (depending on the absorptive capacity of the wood and the application method).
The spreading rate is approx. 5-8 m²/l when using **KKB Beize** as sprayable stain.
- Drying time:** Approx. 5-6 hours at room temperature (20°C/65% relative air humidity).
A forced drying in dry-air channel at higher temperatures is possible.
Recoatable after approx. 6 hours with solvent-based lacquers, after approx. 2 hours with waterborne paints.
- Primer and topcoat:** Surfaces that have been treated with **KKB 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:** Can be stored at least 1 year in tightly closed original containers.
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!

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 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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