Metallic Beize

Technical Information

Characteristics: **Metallic Beize** is a water-based effect special wood stain with lightfast, micronized pigments to create impressive metallic surfaces on solid woods and veneers.
A perfect result can only be achieved by carrying out the following instructions.

Area of application: For the whole furniture construction and interior fitting. For an especially high-contrast pore pattern, we recommend using large-porous woods like oak and ash. Small-porous woods can also be used. Not suitable for exotic woods rich in active substances.

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 **Metallic Beize** 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 with the wood grain.

Dilution: **Metallic Beize** is ready for use and cannot be thinned with water. All colour shades of **Metallic Beize** are intermixable.

Spreading rate: Applied quantity: Approx. 80-100 ml/m^2.
Approx. 8-10 m^2/l per layer 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. 6 hours.
Lower temperatures and higher air humidity extend the drying time.

Primer and topcoat: Surfaces that have been treated with **Metallic 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: At least 1 year when kept in the original unopened 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. It can react differently depending on the active substances and its growing region and can show chromatic deviation.
- In any case, keep the stained sample.
- In case of applications on larger surfaces, ensure to use stain of one single batch. If the quantity is not sufficient, the stain material of different batches must be mixed before use. In case of a new container, repeat the test staining.
- Due to the exposure to sunlight, the colour of the wood and the stain may change in the course of time.
- Coating materials must not be applied by brush or roller as this would reduce the metallic effect.
- Do not work **Metallic Beize** in using a sanding machine or a pad because these tools would destroy the metallic effect.

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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