

AQUA

SILVER LOW

## Furniture varnish

Article No.1040

Möbel

*Semi-mat lacquer for furniture and other wooden surfaces subjected to wear. This is water-based product.*

**POSITION IN ÖLIA NATURFARBEN RANGE:** *«Furniture varnish» No.1040* is similar to *«Interior oil-varnish for wood» No.1025* and *«Floor hard oil-varnish» No.1050* but takes an intermediate position on its wear resistance (it is less stable than *No.1050*). Besides, unlike them it forms not glazed surface but instead silky-semi-mat one.

**DESCRIPTION:** The compound ensures wood protection and at the same time forms a noble semi-mat surface. It forms antistatic, mudguard and water-repellent, "breathing", nice by touch cover with increased wear resistance. Gratifying to its watery base as well as to a small size of molecules of the natural components, the compound penetrates particularly quickly and deeply into a wood facial layer and makes a stable connection with it. The compound penetrates into a facial wood layer, remains partially on the surface; and this way it forms a monolithic, very stable to exfoliation and cracking cover with effect of saturation and depth. A wood ability of natural moisture exchange decreases quite insignificantly despite of thicker film than at glazing compounds as in the lacquer's composition there are natural oils, resins and waxes not able to clogging wood pores.

The compound is recommended for untreated wood including for wood toning (when tinting). Antistatic properties of the cover prevent any dust accumulation.

The compound contains some natural silver in its in ultra-micro-dispersed form as a conserving agent in a container.

**USE:** It is meant for furniture and interior wooden objects (except of tabletops) subjected to increased wear. It suits for surfaces made of cork.

The compound is not recommended for treatment furniture from inside as in this case for a long time there can remain a characteristic smell of drying up natural oils and this smell can be attained by things placed inside. The compound is not suitable for surfaces treated with synthetic lacquers, paints and impregnating compounds. (Removing the old cover is required).

**GLOSS:** Silky-semi-mat.

**COLOR:** In its liquid uncolored form, the compound is milky-white and after drying up it is transparent. After several months the wood acquires nice honey-like tincture. The compound can be colored with dry pigments.

**COMPLETE COMPOSITION:** water; heat-polymerized mixture of linseed oil and wood oil; boiled down mixture of linseed oil, castor oil, wood oil, resin of conifers, glycerin and fatty acids from vegetable sources; heat-polymerized castor oil; wax of carnauba palm, beeswax; vegetable soap; wetting agent based on sugars and coconut oil; lecithin; fast-drying materials based on cobalt (less than 0.01%) and manganese (less than 0.01%); ultra-micro-dispersed silver (nanosilver).

**Content of artificial substances:** The compound contains two artificial substances: they are fast-drying materials (siccatives) based on cobalt and manganese. The compound contains neither conserving agents nor siccatives based on lead, barium, other dangerous heavy metals and other artificial substances.

**THINNING AGENT:** water; if needed, the compound is diluted up to working viscosity or up to viscosity of a primer.

**SOLIDS CONTENT:** <100%

**STORAGE:** It is supposed to be stored in a dry cool place in tightly closed packing under temperature not lower than +5°C and preferably not higher than +35°C. Do not freeze!

**SHELF LIFE:** Storage term in the original closed container is about 12 months.

**CLASS OF HAZARD:** not applicable

**DENSITY:** 0.99 to 1.02 g/cm<sup>3</sup>

**VISCOSITY:** ~35 to 40 sec (DIN-size beaker 4 mm)

**FLASH-POINT:** do not apply at more than 200°C

**QUANTITY USED:** 12 to 16 m<sup>2</sup>/l for the first layer, 13 to 18 m<sup>2</sup>/l for the second layer and 25 to 30 m<sup>2</sup>/l for the third layer depending on absorptiveness of the surface

**DRYING TIME:** Approximately in 8 to 10 hours, the surface stops sticking; in 24 hours it is possible to apply the next layer. Final drying up takes 24 to 48 hours at temperature 20°C and humidity 50-60%. During 14 days, it is recommended not to subject the cover to increased loading and action of moisture. At lower temperature and higher humidity the drying up time increases.

While drying, it is needed to provide surface with fresh air circulation (aerification, ventilation), or else the drying process decelerates and during a long time there can stay characteristic smell of drying plant oils.

In a case of applying the compound on a wood with high content of tanning agents (oak, chestnut, cherry and so on), the compound drying up time increase is possible.

#### **DIRECTIONS FOR USE:**

**Surface preparation.** Remove an old film coat (if any). Clean the surface from dirt and grease (by washing up with water and soap) and dry up to the humidity level 14-15%. In dependence with wood kind and desirable smoothness, grind off the surface with abrasive means with grain P100-220 (it is recommended in average not less than P120-150); remove dust thoroughly.



The compounds **ÖLIA NATURFARBEN** are completely natural and do not contain any dangerous chemical additives preventing film forming on a compound surface at storage. That is why during the compound storage, the film forming is possible on its surface, which influences its quality in no way. One should remove the film (if any), not mixing it with the main content.

**Application process.** The surface must be dry; the recommended humidity is not more than 14 or 15%. It is recommended to conduct the treatment at temperature not less than +12 to +15°C. Mix the compound properly and apply it on the surface with a brush or a roller with synthetic nap or a spraying gun along grain. In 24 hours it is possible to remove raised nap with a sandpaper sheet (grain P240). In the similar way, it is needed to apply the second layer. If needed, in 24 hours the third layer application is possible. Final drying up will be over

in 24 to 48 hours. During 14 days & nights do not subject the surface to increased loading and moisture action.

⚠ While application process, keep away from compound accumulation in hollows (joints, bevels, shatters, knots, inner angles, crevices, indentations and so on); thoroughly remove excess, or else the cover drying time will be increased drastically in the specified places and its quality would be deteriorated.

⚠ Preliminary it is needed to make a trial compound application.

Above the final layer, not earlier than in 3 days, the layer of «Carnauba wax, high gloss» No.1090 can be apply.

**Tinting.** Pigmenting of the undiluted lacquer is not recommended. For getting a colored glazing surface, use a colored lacquer; apply it on the first layer preliminary diluting it with water up to viscosity of a glazing compound (add up to 20-30% water). Or else, tinting is possible to be done with dry pigments in mass up to 30% or with universal pastes or with aqueous coloring pastes in volume recommended by a paste producer. For uniform mixing up it is recommended first to dilute a pigment in a small compound volume and then to mix up with the rest of compound.

As the second and the third layers, undiluted colorless lacquer for furniture is needed to be apply.

**Cleaning and care.** The surface can be wiped with a wet tissue. In a case of contamination, wash it up with warm water with soap. If the surface is worn-out, apply a compound layer on the worn-out field or remove all the cover on the selected wooden object and apply a new lacquer layer (recommended). The latter method is more preferable as with it the surface looks uniformly.

For better conservation of the silky gloss and fresh look of the surface, it is recommended wetting cleaning, namely wiping the surface with water, to 10 liters of which 1 or 2 tablespoons of the emulsion of carnauba palm wax No.1090 should be added.

**Tool cleaning.** Immediately after use it is needed to wash the tool with warm water with soap or detergent and to dry it up.

**UTILIZATION:** An empty container must be utilized in accordance with regional legislation. Any dried up product remainders can be disposed together with domestic garbage.

**SAFETY ADVICE:** To store in a childproof place. It is forbidden to pour remainders into sewage. In a case of contact with eyes, wash with a lot of water. Soaked with the product materials (tissues, dresses, sponges) and tools must be washed up with water and soap and dried up in a fireproof container or on a fireproof surface as during the drying up process, a hazard is present of a spontaneous combustion. After that the materials can be disposed together with common garbage.

⚠ **The compound contains completely natural substances. That is why before its application it is necessary to ensure that you do not suffer from allergy to vegetable substances and products of beekeeping!**