

AQUA

SILVER LOW

Floor hard oil-varnish

Article No.1050

Fußboden

Lacquer for floors and furniture based on natural oils, resins and waxes for protection against moisture and dirt and for creation of a glazed surface with increased wear resistance. Applying is made easily; polishing is not required.

POSITION IN ÖLIA NATURFARBEN RANGE: The compound «Floor hard oil-varnish» No.1050 is similar to «Interior oil-varnish for wood» No.1025 but in contrast to it, the compound distinguishes with increased hardness and that is why it is recommended for services subjected to wear. In contrast to «Floor oil» No.1060, it distinguishes with higher wear resistance; in contrast to «Floor hard wax-oil» No.1055 and «Floor hard oil» No.1065, it forms much more clearly visible silky-glazed film and besides it does not require polishing.

DESCRIPTION: This is lacquer for glazed finishing and protection of wooden and cork-made surfaces subjected to wear. It forms vapor-permeable membranous water-repellent and mudguard cover, which decreases "breathing" properties of wood slightly. 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 composition includes hard vegetable wax, hard vegetable resins and oils. The compound suits for floors with high outwearing loading. The cover distinguishes with a beautiful silky-glazed shining. Antistatic properties of the cover prevent any dust accumulation.

The compound contains natural silver instead of a conserving agent in a container.

USE: It is meant for premises with moderate moisture. It is good for floors, furniture, doors, windows and other interior wooden objects especially for ones subjected to high wear. It applies on untreated wood. It suits for surfaces made of cork. 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. Pigmenting of undiluted lacquer is not recommended due to a possibility of different tinctures presence in the thick layer. For getting a toning surface, the lacquer is pigmented in its diluted form on the stage of a base layer application.

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; vegetable wetting agents; lecithin; natural silver in ultra-micro-dispersed form (nanofom); fast-drying materials based on cobalt (less than 0.01%) and manganese (less than 0.01%).

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.

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.

CONTAINER VOLUME: 0.5; 1; 2.5 and 10 l.

CLASS OF HAZARD: not applicable

DENSITY: 0.99 to 1.02 g/cm³

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 m²/l for the first layer, 13 to 18 for the second layer and 25-30 m²/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 unstable film coat (if any) or, if it is stable enough, check its compatibility with the oil-lacquer (for this it is needed to make a trial compound application and assess wettability degree of the old oil-lacquer cover and its appearance after the new application. 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 P150-180); 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 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 with dry pigments in amount 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 oil-lacquer 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 or with non-abrasive non-alkaline detergent. If the surface is worn-out, apply a lacquer 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!**