

AQUA

SILVERBIG

Oil primer with silver for antifungal wood protection

Article No.11

Spezialprodukte

The safest wood protection based on the pure silver. For surfaces, operation of which is conducted in conditions of high humidity, both indoor and outdoor.

POSITION IN ÖLIA NATURFARBEN RANGE: It is backed coating based on water with natural silver instead of antiseptic substance. It serves for adding of resistance to biological damages on surfaces treated by compounds **ÖLIA NATURFARBEN**, operation of which takes place in conditions of high humidity. The compound contains silver in quantity several times higher than the other products **ÖLIA NATURFARBEN**.

DESCRIPTION: It is a pure oil backing coating based on natural non-polymerized oils including the natural silver in its composition as an antiseptic substance. The compound is made on watery base: tiny silver particles in a high concentration are suspended in water. Due to a oils low viscosity and watery base, the backing coating penetrates quickly and deeply into wood and forms a stable coated layer all-pervading the surface and making it inappropriate for biological damages development. The silver sediments steadily in wood cells. The compound protects the wood from fungi and mold in conditions of high humidity. The silver leaves the wooden surface completely safe and appropriate for entering into contact with skin; it concerns particularly heated surfaces. Even while being heated up, the compound does not exhale no synthetic substances (including antiseptic ones) into water and air.

The compound does not shut wood pores; it conserves the wood natural ability of moisture exchange to full extent.

USE: It is meant for preliminary coating of wooden surfaces before applying of main compounds in case that for those surfaces operation is foreseen in conditions of an increased humidity (shadowy, hardly ventilated places subjected to frequent water action, especially horizontal surfaces; root cellars, washhouses, etc.) The compound is not recommended for floors treatment with a great outwearing load. It is not suitable for surfaces treated with synthetic lacquers, paints and impregnating compounds. (Removing the old cover is required).

GLOSS: Sateen.

COLOR: In its liquid non-tinctured form, the compound is milky-white and after drying up it is transparent. After several months the wood gains a nice honey-like tincture. The compound can be colored with a purpose of surface toning.

COMPLETE COMPOSITION: water; linseed oil; wood oil; safflower oil; vegetable wetting agents; lecithin; natural silver in ultra-micro-dispersed form (nanoform); 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 or 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: ~15-20 sec (DIN-size beaker 4 mm)

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

QUANTITY USED: 12 to 25 m²/l for one layer, depending on absorptiveness of the surface

DRYING TIME: Removing of a compound excess is to be done in 20 minutes after application. A next layer application can be done in 16 to 24 hours at temperature 20°C and humidity 50-60%. 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 (for wood it is recommended in average not less than P120-150 outdoor and P150-180 indoor); 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, a roller with short nap, by spraying or dipping. Apply the compound uniformly with some excess. In 20 minutes, rub down thoroughly glazed places redistributing the oil on mat fields. In a case of insufficient oil amount for redistributing the oil on mat fields (when the oil soaked up properly), repeat the application procedure. In 20 minutes rub down thoroughly glazed places redistributing the oil on mat fields. Leave the surface for drying up for 16 to 24 hours. After that application is possible of main compounds.

 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.

Tinting. In the compound, dry pigments can be added in volume up to 30%. 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. Colored oil is recommended to be applied only as a base layer, the subsequent layers must be uncolored.

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!**