

AQUA

SILVER BIG

SENSITIVE

Natural waxes mixture for sauna shelves, with silver

Article No.2010

Für Sauna

The safest wood protection for berths, benches and accessories in steamed bath-houses and saunas. Excellent protection and esthetics. Minimum smell at drying up.

POSITION IN ÖLIA NATURFARBEN RANGE: It is similar to «Beeswax lasur for wood» No.1010 but has much higher concentration of dry substance (waxes). It contains a mixture of beeswax and vegetable waxes, most part of which make the high-melting vegetable waxes. Gratifying to it the surface distinguishes with much greater water resistance and heat resistance than that of No.1010. In contrast to No.1010, it contains the silver in amount several times more. The compound forms "velvety", more pleasant by touch surface than «Wax-oil lasur for sauna, with silver» No.2050.

For treatment of walls, ceilings and floors in steamed bath houses and saunas, use the glazing compound No.2050, which contains less wax and is more wear resistant.

A small polishing is recommended.

DESCRIPTION: This completely appropriate for wood natural product ensures reliable protection and long-time operation in complicated conditions of steamed bath-houses and saunas. It is a perfect supplement for healing properties of natural wood in bath-houses. It forms a quick-drying, antistatic, "breathing", water-repellent, very nice by touch, "warm" cover. Due to its watery base and small sizes of natural components molecules, the compound penetrates into a superficial wood layer especially fast and deeply and makes a stable connection with the wood. It does not clog wood pores.

A treated surface is very friendly for a contact with human skin as the compound contains only mixture of natural waxes and small amount of natural oils. Strong water-repellent properties of the surface prevent water soaking in and fungi expansion. Antistatic properties of the surface prevent dust accumulation.

Additionally as an antiseptic additive, the compound contains ultra-micro-dispersed metallic silver (nanosilver) in sufficient amount, which penetrates into wood grains and stays there oppressing expansion of fungi and malignant bacteria on the surface. The silver is a non-extractable by water antiseptic additive, which absolutely does not evaporate under heating and renders no harmful action in a case of a contact with human skin.

After drying up under heating in operation conditions, the surface releases no synthetic substances and antiseptics. There is only release possibility of natural volatile substances that are contained in small amounts in natural waxes and on their biological action are similar to volatile components of the wood itself.

The compound contains a great amount of beeswax and high-melting natural waxes in the ultra-powdered suspended in water form. That is why the compound penetrates deeply into a wooden surface, partially remaining on the surface and adding to it exclusive water-repellent and mudguard properties.

 **It contains no synthetic waxes or oils (polyethylene oil, cosmetic oil, paraffin liquid, vaseline oil, etc.)**

USE: The compound is meant especially for treatment of berths, benches and wooden accessories in conditions of high humidity and temperature in steamed bath-houses and saunas. The compound is used for surface forming on untreated wood and for its toning (when tinting).

The compound can be applied for treatment of any other interior wooden surfaces not subjected to a high wear, including those situated in premises with increased humidity. Its use is not recommended for treatment of surfaces, operation of which takes place under action of atmospheric factors.

It is not suitable for surfaces treated with synthetic lacquers, paints and impregnating compounds (surface removing is needed).

GLOSS: Sateen or silky-semi-mat (after polishing).

COLOR: In its liquid non-tinctured form, the compound is milky-white and after drying up it is transparent. The compound can be colored with dry pigments.

COMPLETE COMPOSITION: water; beeswax, wax of carnauba palm and wax candelilla in ultra-micro-dispersed form; wood oil; vegetable wetting agents; lecithin; natural silver in ultra-micro-dispersed form (nanoform) in a concentration sufficient for surface protection.

Content of artificial substances: The compound contains no artificial substances, fast-drying materials, conserving agents and heavy metals.

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 1.01 g/cm³

VISCOSITY: ~25-30 sec (DIN-size beaker 4 mm)

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

QUANTITY USED: approximately 8 to 12 m²/l for the first layer, 10 to 18 m²/l for the second layer and 20-30 m²/l for the third layer depending on absorptiveness of a surface.

DRYING TIME: Approximately in 1 or 2 hours it is possible to apply the next layer; approximately in 30 to 40 minutes after the last layer application, the surface can be polished. Final drying up takes 48 to 72 hours at temperature 20°C and humidity 50-60%. At lower temperature and higher humidity the drying up time increases.

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 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 an excess. Do it with aid of a brush with short nap or a lint-free natural tissue. Thoroughly rub the compound into wood grains. In 10 to 15 minutes, an excess removing is needed to be done. In 1 or 2 hours in the similar way it is needed to apply the second layer. After that in 1 or 2 hours in the similar way, there can be applied the third layer. In 20 or 30 minutes after the last layer application and a subsequent excess removing, polish the surface with a lint-free tissue or with a polishing machine with the white pad.

 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.

Tinting. In the composition, dry mineral pigments can be added in amount up to 30%. For getting of a toned surface, a colored compound can be applied for treatment only of the first layer, and as for the subsequent layers, they must be colorless. In a case of use of coloring pastes, make sure that they contain only natural substances (pigments, base and additives). As the most part of coloring pastes contain some toxic organic substances evaporating under heating, we do not recommend use of the pastes for steamed bath-houses and also for treatment of surfaces entering in a contact with human skin.

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.

Cleaning and care. The surface can be wiped with a wet tissue as well as washed with warm water and soap. If the surface is worn-out, apply a compound thin layer on the worn-out field. In a case of a local damage (or contamination), the surface is to be scraped with small-grain sandpaper (for example with grain P240); then on the treated field, apply the compound.

For a better conservation of the silky gloss and fresh look of the surface, it is recommended, in frame of wetting cleaning, to wipe the surface with water, to 10 liters of which 1 or 2 tablespoons of the compound No.2010 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!**