

AURO PurSolid hard oil No. 123

Material type

Solvent-free PurSolid hard oil for priming and sole treatment of interior surfaces, transparent, honey tone.

Purpose

- as a primer coat for absorbent surfaces in preparation for subsequent application of oil and wax products
- as a sole treatment for wood, wood-based materials and cork; also for surfaces exposed to heavy wear.

Technical properties

- readily workable.
- equalizes areas of differing absorbency.
- easy to renovate.
- good wearing qualities.
- tested in accordance with DIN EN 71 Part 3, toy safety.
- tested in accordance with DIN 53160, saliva-proof and sweat-proof.

Composition

Linseed oil, linseed, ricinus, wood, and safflower stand oil, dry substances (lead-free).

May induce allergic reactions. See our definitive current full declaration of contents.

Colour hue

Transparent, a stimulating, light honey tone. Trial application recommended.

Tint with AURO Colour concentrate for natural resin oils No. 150* up to max. 10%.

Application methods

Brush, roller, trowel or spraying equipment.

Drying time under normal climatic conditions (23 °C/ 50% rel. humidity)

- Removal of excess material or polishing: within about 30 minutes.
- Dust dry: after approx. 10 hours.
- Workable: after approx. 24 hours.
- Curing time: approx. 2-4 weeks. Protect surface during this period, avoid exposure to moisture and soiling.
- Significant drying delays are caused by high humidity, low temperatures and high application volumes.
- Drying is a process of oxygen uptake, resulting in odours and emissions typical of the product. Ensure plentiful and tempered air volume exchange during the drying process.

Density: approx. 0,94 g/cm³

Hazard class: Does not apply

Viscosity: approx. 60 - 80 seconds (DIN 4 mm) at 20 °C.

Thinner: Product is formulated ready for use. Can be thinned with AURO Plant Thinner No. 191*.

Consumption volume: Average consumption when used as first treatment/ primer: Ø 0,02 l/m² on "low absorbency" wood types (e.g. oak, maple, ash); Ø 0,03 l/m² on cork. Ø 0,04 l/m² on "normal absorbency" wood types (e.g. beech, pine, spruce, birch, larch) and OSB goods. Ø 0,05 l/m² on "high absorbency" wood types (e.g. alder, cherry), wood veneer and heat-treated woods. Average consumption when used as follow-up treatment/ top coat: Ø < 0,01 l/m² for all substrates. All consumption rates depend on substrate, processing method, surface quality. Determine exact consumption on sample.

Tool cleaning: Immediately after use with AURO Thinner No. 191*. Then wash out with AURO Plant soap No. 411* and water.

Storage: Store out of reach of children, closed tight, in a cool, dry place protected from frost.

Storage stability: at 18 °C in unopened original container: approx. 24 months.

Container material: Tin plate.

Disposal: Return only containers emptied completely and containing dried product residues for recycling.

Liquid residues: EAK code 080112 or 200128, EAK designation: Paints.

Important: Risk of spontaneous ignition: Spread used cloths, etc. individually and allow to dry, do not crumple. Do not allow undiluted product to reach the sewage system. If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. Do not breathe vapour/aerosol. Use only in well-ventilated areas. Ensure adequate air change, provide for skin protection. Observe Safety Data Sheet and Technical Data Sheet. GIS code: Ö 10. EU VOC limit value acc. to 2004/42/EG II A (flb): 700 g/l (2007/2010). Actual product VOC value: <1 g/l.

Notes and safety tips

- Before product application, check substrate for suitability and product compatibility.
- Avoid exposure to direct sunlight, moisture and soiling during processing and drying.
- Minimum processing temperature 10 °C, max. 30 °C, max. 85% rel. humidity, optimum 18-22 °C, 40-60% relative humidity.
- Wood moisture content max. 12% in hardwood, 15% in softwood.
- Stir thoroughly before use.
- If products with different lot numbers are used, mix them before processing.
- Make sure surfaces are completely dry before they are exposed to wear.
- A yellowing effect in time is typical for this product.
- The renovation cycle depends on the surface wear load, to ensure optimized, long-lasting protection, check and care for surfaces frequently and retouch damaged spots without delay.

Technical application recommendations

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1. SUBSTRATE

1.1 Suitable substrates: Wood (not cross-grained plasterboard), wood-based materials (not MDF), cork.

1.2 General substrate requirements: Substrate surface must be dry, even, adherent, absorptive, clean, free of grease, chemically neutral and contain no bleeding components.

2. SUCCESSIVE COATS (PRIMER)

2.1 Substrate type: untreated wood, wood-based materials

2.1.1 Substrate preparation for untreated wood, wood-based materials

- for quality surfaces, first wet with a sponge, allow to dry, use fine grade sandpaper to sand with the grain and brush out pores with the grain, carefully remove all dust;
- round off corners, clean the surface, sandpaper the wood carefully and in stages until the desired final quality level is reached (e.g. down to 220 for furniture, 150 grain on floors with sanding screen), remove all sanding dust.
- Wash out resinous and tropical woods with alcohol thinner and repeat fine sanding.

2.1.2 Priming

- Apply product evenly using a short-pile roller and pan adjacent to the floor, do not pour onto surface.
- On highly absorbent substrates (or spots), fill in absorbed hard oil wet on wet several times.
- On low-absorbency substrates, thin product as required with max. 20% AURO Thinner No. 191*.
- Product must penetrate completely into the substrate, do not build up a film.
- Do not allow product to penetrate into material grooves, hollows, etc., since drying is significantly delayed in such spaces.
- Remove all excess material that has not penetrated into the substrate before drying begins, at the latest within 30 minutes, using non-linting rags, rub in and distribute evenly with a beige or white pad, then remove rest. On flat, planar substrates, remove with a (stainless) spatula or use a ductor to collect the excess beforehand as required.
- Do not apply next coat until drying is finished, at the earliest after approx. 24 hours.

2.1.3 Final coat

- A final coat is generally required in the area adjacent to the floor, on oiled or waxed floor subjected to heavy use and on highly absorbent substrates in other application areas.
- Sand surfaces with intermediate, then fine paper (e.g. for furniture 240 grain, for floors with sanding screen 180 grain).
- Apply unthinned product very sparingly (e.g. with a rag or white polishing pads). Remove any excess carefully as described under 2.1.2.
- Repeat procedure once again as required until the substrate is completely saturated.
- Do not apply next coat until drying is finished, at the earliest after approx. 24 hours.

Depending on the substrate material and the surface load, the following final coating treatments represent other alternatives with AURO products:

- Hard Wax No. 171*
- Larch resin furniture wax No. 173*
- Natural oil wax No. 128*.

2.2 Substrate type: untreated cork

2.2.1 Substrate preparation

- Clean the surface
- Prepare cork according to manufacturer's instruction (slight sanding as required).
- Remove sanding dust thoroughly.

2.2.2 Priming

As described under 2.1.2. The irregular surface of the cork may affect the evenness of the finished surface.

2.2.3 Final coat

As described under 2.1.3, but without intermediate sanding. The final coat may have to be repeated for highly absorbent cork types.

Depending on the surface load, the following final coating treatments represent other alternatives with AURO products:

- Hard wax No. 171*
- Natural oil wax No. 128*

3. SUCCESSIVE COATS FOR RENOVATION WORK

3.1 Substrate type: Heavily worn or damaged surfaces (repair).

3.1.1 Substrate preparation:

- Remove wax layer (e.g. by scraping or washing off with AURO Wax balsam cleaner No. 421*)
- Clean the surface (e.g. with AURO Paint and stain cleaner No. 435*).
- In case of coarse wear sand down surface, all the way down to the open wood (cork), remove all sanding dust.
- Remove extremely worn or damaged surfaces completely, down to the intact substrate. Thoroughly clean and sand the surface, remove dust.
- Partial areas can be repaired, although colour differences may then appear depending on the final product used and the degree of wear.
- Remove all layers that are not capable of adhesion or of carrying the paint coat.

3.1.2 Follow-up treatment, new coats: As described under item 2.

3.2 Substrate type: Intact surface (maintenance)

3.2.1 Substrate preparation: Clean surface thoroughly, sand slightly as required, remove dust.

3.2.2 Priming: Not required for intact old surfaces, otherwise as under 2.

3.2.3 Final coat: As described under item 2.

4. CLEANING AND CARE:

- Following surface treatment, avoid exposure to water for approx. 2-4 weeks.
- Oiled surfaces: Clean with lukewarm water only, using e.g. AURO Floor cleaner No. 427* or Paint and stain cleaner No. 435* as required.
- Waxed surfaces, up to moderate soiling levels: Clean with water to which AURO Floor care No. 437* or Floor care emulsion No. 431* has been added.
- Treat heavily soiled surfaces with AURO Wax balsam cleaner No. 421*.
- Rewax or reoil the surface depending degree of wear and load exposure.
- For care of furniture surfaces, also use Cembra oil furniture polish No. 441*.

* See the relevant Technical Data Sheets.

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