

AURO Priming Oil No. 122

Material/intended application

Transparent, solvent-free priming oil for wood and cork surfaces indoors (also suitable for floors). The product is particularly suitable for rationalised application in trade and industry.

Composition

Linseed oil (from controlled regional organic cultivation), linseed oil stand oil, castor oil stand oil, Ca/Zr/Co-dryers (lead free). Our currently valid full declaration is decisive.

Colour Shade(s)

Transparent; produces a honey shade on wood and lends a fiery appearance to the grain structure.

Methods of application

- Cold application: apply the priming oil thinly and uniformly with a metal spatula or with a roller (e.g. short pile paint roll e.g. AURO No. 730) and then massage it into the surface (see rear, section 2).
 - By hot-spraying, for example as follows: Spray method Compressed air, Equipment WIWA Hot Spraying System, MK Hot Wax Pressure Tank System, Spray pressure 3 bar, Air pressure 4 bar, Spray nozzle 0.8 mm, Temperature 80 °C.
- Alternatively, suitable heated bucket spray guns may be used (a heated nozzle is useful).

Drying time under normal climatic conditions (20 °C; 60 % relative humidity)

- Excess can be removed and surface polished after approx. 10 minutes. Dry and reworkable after approx. 24 hours.
- In cases of high humidity, low temperatures and application of excessive quantities, the drying time may be considerably prolonged.
- Drying is a process which, among other changes taking place, requires take-up of oxygen, therefore adequate air circulation must be ensured.

Density	Approx. 0,95 g/cm ³	Hazard Classification: Not applicable
Viscosity	Approx. 50 seconds (DIN 6 mm) at 20 °C.	
Thinner	Product is ready for use. Can be thinned with AURO Thinner No. 191*.	
Consumption	Approx. 0,03 l/m ² . Larger applied amounts can cause drying and polishing problems. Exact coverage values should be determined on the actual object.	
Tool cleaning	Clean utensils immediately after use with AURO Thinner No. 191*. Clean spray equipment after longer periods of non-use as follows: remove all remaining product. Wash the components with a non-drying oil (e.g. olive oil). This can remain in the spray equipment for longer periods while not being used.	
Storage stability	Store in a cool, dry place protected from frost. Stored in the unopened container, the product is stable for approx. 2 years.	
Packing Material	Tin-plate. Completely emptied containers can be returned for tin plate recycling.	
Disposal	Dried product residues can be composted or disposed of with domestic waste material. Return empty tins for metal recycling. Liquid residues: EAK-code 200112, EAK-designation: paints	
Safety advice	Soiled rags may ignite spontaneously (due to content of drying oils), therefore it is essential to spread out rags for drying or to keep them in a tightly closed metal container. Store the product out of reach of children.	

Information for use and Safety Advice

- Minimum application temperature +10 °C, ideal application temperature 18-22 °C.
- It is possible that a skin may form. This can be prevented by occasionally stirring the product or by preventing air access. Any skin forming on the surface should be removed before use.
- It is essential to avoid direct solar radiation and exposure to moisture during processing. For optimum protection and durability it is advisable to inspect the surfaces regularly and to repair any damaged places.
- Good durability values have been achieved (corresponding to stress group 1 C according to DIN 68861, part 1 reaction of furniture surfaces under chemical stress) as single treatment or with a following treatment with AURO Hard wax No. 171*.
- Sweat- und saliva-resistance according to DIN 53160 and EN 71, part 3.

Technical recommendations for application

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1. SURFACE

1.1 Suitable surfaces: Cork and all types of wood and wooden materials.

1.2 General requirement for the surface: The surface must be dry, even, absorbent, clean, grease-free and chemically inert.

2. COATING SEQUENCE (INITIALAPPLICATION)

2.1 Type of surface: furniture surfaces

2.1.1 Preparation of the surface

- Clean the surface.
- For high quality surfaces, first wet with a sponge.
- Sand finely and carefully (grade 180 - 220). Thoroughly remove all dust.

2.1.2 Primary treatment

- Distribute AURO Priming Oil No. 122 thinly and evenly with a metal spatula and massage it into the surface using a suitable utensil (e.g. cotton cloth). Observe coverage values. Alternatively, the product can be hot sprayed.
- Remove any surplus after 10 - 20 minutes with a brush, polishing pad, cotton cloth, or similar, otherwise some areas could remain glossy or sticky.
- After drying, the surface should be evenly saturated and **should not display any glossy areas**.
- By applying with a brush or a roller, the product can be thinned with 10-20 % AURO Thinner No. 191*. In this case, 2 applications could be necessary.
- Allow to dry for 24 hours. If the appropriate equipment is available (e.g. hot spraying equipment, drying oven, etc.), the drying time can be reduced to a few hours.

2.1.3 Intermediate treatment: Sand lightly (grade 220).

2.1.4 Final treatment

- Apply an AURO wax (e.g. AURO Hard wax No. 171* or AURO Natural oil wax No. 128*) thinly (see overleaf). *Caution:* the wax surface can not longer be polished after expiry of the drying time. Polishing tools: bunched cloth, non-fluffy rag (cotton, linen), polishing brush (sisal/leather), soft pad for polishing machine (yellow, beige or light brown depending on manufacturer).
- As an alternative, the final treatment can consist of a second treatment with AURO Priming Oil No. 122. It must be observed in this case that the product must be used very sparingly owing to the already diminished absorbency of the wood surface. Polish the priming oil off after 10 minutes.

2.2 Type of surface: floors

2.2.1 Preparation of the surface

- Clean the surface.
- The floor must be sanded finely before treatment (grade 150 - 180). Thoroughly remove all dust.

2.2.2 Primary treatment

- It is recommended that the priming oil be warmed before use or thinned as described under 2.1.2. The optimum temperature is about 80 °C; if overheated, the product can no longer be used.

First possibility of application

Spread the priming oil thinly over the floor using a metal doctor blade. Following this, massage the priming oil into the floor using a single-disc machine and pad (beige or yellow).

Second possibility of application

Distribute the priming oil thinly over the floor and massage it in using a single-disc machine and pad (beige or yellow).

Third possibility of application

- Apply the product thinly and uniformly with a roller, e.g. short pile paint roller, e.g. AURO No. 730.
- Remove any surplus after 10 - 20 minutes with a single-disc machine and pad (beige or brown), otherwise the surface could remain sticky.
- Depending on the absorption capacity of the substrate, a second application can be necessary.
- After drying, the surface should be evenly saturated and **should not display any glossy areas**.

2.2.3 Intermediate treatment: Sand lightly with a red pad.

2.2.4 Final treatment: As described under 2.1.4.

3. CLEANING AND CARE

- Prevent water from coming into contact with the surface during the first 4 - 6 weeks after coating.
- Regular care of waxed surfaces: treat with AURO Floor Care Emulsion No. 431* or AURO Floor care No. 437* and if necessary polish off with a ball rag, polishing brush or polishing disc. Wipe with a moist cloth when necessary. Remove heavy soiling with AURO Floor cleaner No. 427*. Renew the wax coating from time to time, depending on the level of usage.
- Regular care of oiled surfaces: clean only with a dry cloth. In case of heavy soiling, clean with a damp cloth, whereby AURO Floor cleaner No. 427* may be added to the washing water. Repeat the oil treatment from time to time, depending on the level of usage.
- When caring for the surfaces of furniture, use AURO Cembra oil furniture polish No. 441*.

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* see corresponding technical data sheets.

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