

AURO Furniture balsam No. 173

Material/intended application

Solvent-containing desiccant-free balsam made from beeswax and plant wax, for indoor applications, for refining and protecting wood surfaces, cork and non-glazed clay tiles. Especially suitable for furniture.

Composition

Linseed oil, linseed stand oil (regional cultivation), beeswax, carnauba wax, larch resin balsam, orange oil. Our currently valid full declaration is decisive.

Colour hue

Transparent, produces a light honey hue on wood.

Method of application

Application by rubbing with bunched cloth or by hand held drilling machine with pre-warming device.

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

- Can be polished (silk mat grade) after about 4 hours.
- Can be polished (silk gloss grade) after about 24 hours.
- Final hardness is reached after 4-6 weeks. During this time treat cautiously and do not expose to moisture. Excessive amounts of wax can remain sticky, therefore please apply very sparingly.
- Drying is a process which, among other changes taking place, requires take-up of oxygen, therefore adequate air circulation must be ensured.

Density	about 0,90 g/cm ³
Dangerous material class	VbFA II (flammable), flash point about 48 °C, CGVS Class 3, designation 31c.
Viscosity	Pasty
Thinner	Adjusted ready to use, in special cases can be diluted with AURO Thinner No. 191*.
Consumed quantity	About 0,02 l/m ² . Make sure that the proper amount is not exceeded, in order to avoid drying and polishing problems.
Tool cleaning	Clean work utensils immediately after use with AURO Thinner No. 191*. Place tools with dried wax residues in AURO Thinner No. 191* and thereafter wash out with AURO Plant soap No. 411*.
Storage stability	Store cool but frost-free, dry and in closed containers. Spread the wax surface flat in partly emptied containers and keep well closed. Can be stored for about 2 years in unopened original containers.
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.

Instructions for processing and safety advice

- Minimum application temperature 10 °C. The moisture content of the wood must not exceed 12% for hardwood or 15% for soft wood.
- Ensure adequate skin protection and air circulation when processing.
- Provide particularly intensive ventilation (transverse ventilation) when applying to large area surfaces.
- This product features high yield and after polishing a pleasant-touch silky open pore surface.
- For optimum protection the surfaces should be checked regularly, and damaged places should be repaired.
- The surface finish is well maintainable and can be renewed.

Technical recommendations for application

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1. SUBSTRATE

1.1 Suitable substrates

All types of wood, wood products, cork, unglazed clay tiles, linoleum and natural stone tiles, for indoor use.

1.2 General requirements for the substrate

The substrate must be dry, level, firm, chemically neutral, absorbent, clean and grease-free.

2. COATING BUILD-UP ON UNTREATED SUBSTRATES (FIRST TIME PAINTING)

2.1 Substrate type: Wood, wood products

2.1.1 Substrate preparation: Thoroughly clean the surfaces, wet, grind fine and completely remove all dust.

2.1.2 Basic treatment

- Prime with AURO Impregnating primer No. 121* or AURO Hard oil No. 126*.
- The impregnation must penetrate completely into the substrate; any residues on the surface (after not later than 15 minutes) must be removed before drying to avoid drying delay and glossy patches.

2.1.3 Final treatment

- Apply the balsam thinly and polish before drying.
- **Attention:** The wax surface cannot be polished any longer after elapse of the drying time. Polishing tools: Bunched cloth, non-fluffy rag (cotton/linen), polishing brush or polishing disk with lamb skin hood.

2.2 Substrate types: Unglazed clay tiles, natural stone tiles, linoleum, cork

2.2.1 Substrate preparation

- Remove contamination (e.g. with AURO Floor cleaner No. 427*), otherwise clean moist with mild lukewarm AURO Plant soap solution No. 411*.

2.2.2 Basic treatment

- Not required for linoleum.
- Prime absorbent substrates with AURO Impregnating primer No. 121* or with AURO Hard oil No. 126*.
- The impregnation must penetrate completely into the substrate; any residues on the surface (after not later than 15 minutes) must be removed before drying to avoid drying delay and glossy patches.
- It is essential to make preliminary tests because of the very different absorbing powers of tiles and cork.

2.2.3 Final treatment: As described under 2.1.3, but always apply extremely thinly.

3. COATING BUILD-UP FOR REDECORATION

3.1 Substrate type: Coated substrates (painted)

3.1.1 Substrate preparation

- Completely remove the existing coating right down to the raw substrate, e.g. by stripping with AURO Stripping paste No. 461* or by other suitable methods.
- Clean, if necessary grind and completely remove all dust.

3.1.2 Basic treatment: Basic treatment is not necessary for non-absorbent substrates, otherwise proceed as described under 2.1.2.

3.1.3 Final treatment: As described under 2.1.3.

3.2 Substrate type: Waxed surfaces requiring redecoration

3.2.1 Waxed surfaces with moderately worn wax layer

3.2.1.1 Substrate preparation

- Thoroughly clean the substrate with a mild lukewarm solution of AURO Plant soap No. 411*.
- Remove patches in the wax layer with AURO Power cleaner No. 421* or AURO Thinner No. 191*.

3.2.1.2 Final treatment: As described under 2.1.3.

3.2.2 Waxed surfaces with severely worn wax layer

- In the case of extreme wear or injury of the surface, complete rebuild is necessary and, if appropriate, can be restricted to parts of the surface.
- After removing the surface layer with AURO Power cleaner No. 421*, rebuild as described under 2.

3.2.3 Coating build-up: As described under 2.2.

4. CLEANING AND CARE

- After surface treatment, avoid exposure to moisture for about 4-6 weeks.
- After wax treatment of the surfaces it is advisable at intervals of about two weeks to apply undiluted AURO Floor care emulsion No. 431* thinly and then to polish the surfaces.
- Maintenance care: Wipe moist but not wet. Possibly add AURO Floor care emulsion No. 431* or AURO Floor care No. 437*.
- For furniture surface care, additionally use AURO Cembra oil furniture polish No. 441.
- Remove severe dirt deposits with AURO Power cleaner No. 421* or AURO Floor care No. 437*.

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* See corresponding technical data sheets

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