

AURO Furniture balsam No. 173

Type of material / Intended purpose

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

Composition

Orange terpenes, linseed oil, carnauba wax, beeswax, larch resin balsam. Natural paints are not free of odours or emissions. May induce allergic reactions. See our current full declaration of content (www.auro.de/en).

Colour shade

Transparent, produces a light honey hue on wood.

Application method

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

Drying time in standard climate (23 °C, 50% 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 of oxygen uptake. Ensure plentiful and tempered air volume exchange during the drying process.

Density Approx. 0,90 g/cm³

Hazard class: VbF A 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 Diluent No. 191*.

Consumption rate Approx. 0,02 l/m² . Make sure that the proper amount is not exceeded, in order to avoid drying and polishing problems. Determine exact consume with test coat.

Cleaning of tools Immediately after use remove product residues from the tools. Wash with AURO Diluent No. 191*. Place tools with dried wax residues in AURO No. 191* and thereafter wash out with AURO Plant soap No. 411*.

Storage stability Store cool but frost-free, dry and out of reach of children. In the case of opened containers, smooth off the surface of the wax and seal the container tightly. . Cover the surface with greaseproof paper or the like and press it strongly. In unopened container: approx. 24 months.

Packaging material Tinplate. Only recycle completely empty containers with dry products residues.

Disposal Dried residues can be composted or put into household waste. Give empty tin cans for recycling. Liquid residues: EWC 200112, designation: Paints.

Attention Risk of spontaneous combustion due to drying oils: Do not crumple used cleaning rags, etc., but allow them to dry by spreading them out singly, or store in a metal container closed airtight. For more details see Safety Data Sheet. See Technical Data Sheets.

REMARKS

- 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 based products, cork, unglazed clay tiles, linoleum and natural stone tiles, for indoor use.

1.2 General substrate requirements

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

2. COATING SYSTEM (FOR INITIAL COATING)

2.1 Type of substrate Wood, wood based products.

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

2.1.2 Basic treatment

- Prime with AURO Impregnating primer No. 121* or AURO Hard oil No. 126* or AURO PurSolid Hard oil No. 123*.
- 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 Once drying time has elapsed, the waxed surface can no longer be polished. Polishing tools: Bunched cloth, non-fluffy rag (cotton/linen), polishing brush or polishing disk with lamb skin hood.

2.2 Type of substrate Unglazed clay tiles, natural stone tiles, linoleum, cork.

2.2.1 Substrate preparation

Remove dirt, e.g. with AURO Floor cleaner No. 427*, otherwise clean with a mild, lukewarm solution of AURO Plant soap No. 411* using a damp cloth.

2.2.2 Basic treatment

- Not required for linoleum.
- Absorbent substrates: prime 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 no later than 15 minutes) must be removed before drying to avoid drying delay and glossy patches.
- Tiles and cork: It is essential to make preliminary tests because of the very different absorbing powers of these substrates.

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

3. COATING SYSTEM (FOR RENOVATION COATING)

3.1 Type of substrate Coated substrates (painted, lacquer).

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 Type of substrate Waxed surfaces requiring renovation.

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 Diluent 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 Treatment As described under 2.2.

4. CLEANING AND MAINTENANCE

- After surface treatment, avoid exposure to moisture for about 4-6 weeks.
- About 2 weeks after wax treatment it is advisable 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.
- Remove severe dirt with AURO Power cleaner No. 421 or AURO Floor care No. 437.

* See respective Technical Data Sheets.

The Technical Data Sheet gives recommendations and examples of possible use. No liability or other legal responsibility can be derived. Use of the advice does not create any legal relationship. The information provided is based on our present knowledge and does not exempt the user from his personal responsibility. The respective state-of-the-art practices must be observed when implementing coating work and the required preparations. The conditions on site and the product's suitability must be checked appropriately and professionally. With publication of a new edition this technical data sheet is no longer valid. Status: May 10, 2019