

AURO Floor varnish No. 267

Technical Data Sheet

Substance type

- environmentally friendly, transparent floor varnish which can be thinned down with water
- medium gloss, solvent-free
- consistent ecological selection of raw materials

Intended use

- for interior wooden floors with normal wear and tear.
- apply at least 2 coats using approx. 0.06 l/m² per coat

Technical properties

- tested according to DIN EN 71 part 3, safe for toys
- tested according to DIN 53160, saliva and sweat resistant
- according to DIN 68861 part 1, Chemical wear and tear, 1C, utilisation category 1-4 according to ihd (Institut für Holztechnologie Dresden – Dresden Institute for Wood Technology), suitable for constant normal domestic use, occasional use on objects,
- slip-resistant in accordance with DIN 51131, utilisation category 1-3 according to ihd, suitable for heavy domestic use,
- wear-resistant in accordance with ENV 13696, utilisation category 1-2 according to ihd, suitable for constant normal domestic use.

Composition

Water, vegetable binding agents (linseed oil, castor oil, sunflower oil, colophonium glycerine ester partially as ammonium soaps), mineral fillers, silicofluoric acid, surfactants (from castor and rapeseed oil, sugar surfactant, lecithin), bee and carnauba wax, cellulose ether, drying agents (lead-free). Natural paints are not odourless or free of emissions. Beware of possible allergies. Our current full declaration is decisive.

Colour tone

Colourless, transparent. Differences in colour tone and degree of gloss between different lot numbers are possible. Mix different lots before use. Note: The product has a milky appearance. However, after applying it dries to a clear, transparent, slightly illuminated coating. Note: if the product overlaps it can result in differing colour effects, especially with light woods so that visually the surface appears non-uniform.

Application process

- Roll on only using shorthaired varnish roller, AURO No. 730
- Paint on in smaller areas, e.g. in corners

Drying time in a standard atmosphere (23 °C/ 50% relative air humidity)

- Bone dry after approx. 8-10 hours, dry and ready to work on after approx. 24 hours, final hardness achieved after approx. 5 days.
- Following surface treatment, treat with care for at least approx. 2 weeks and keep dry.
- Drying will be considerably delayed if content-rich woods are used (e.g. oak, chestnut, cherry), on wooden materials and also on bamboo, for example, at high air humidity, low temperatures and if larger quantities are used.
- Drying occurs by absorbing oxygen, so adequate ventilation should be ensured during drying.

Density: approx. 1.05 g/cm³

Risk category: n/a

Viscosity: approx. 40 seconds (DIN 6 mm) at 20 °C.

Thinning agent: produced ready for use, can be thinned with up to max. 20% water.

Quantity used: approx. 0.06 l/m² per coat on smooth, evenly absorbent bases. Quantities used depend on base, type of application, surface condition. Ascertain precise usage through a sample coat. However, the stated quantity for use should essentially not be exceeded.

Cleaning tools: immediately after use, brush down work equipment and carefully wash out using hot water and AURO Vegetable soap No. 411*. Leave more resistant product residue on equipment to soak in approx. 5% soap solution and, if necessary, remove using AURO Thinner No. 191*. Thoroughly rinse with water with added AURO Vegetable soap No. 411*.

Shelf life: in original sealed container at 18 °C: 12 months

Storage: Store well sealed in a cool, frost-free, dry place out of the reach of children.

Packaging material: Tinplate: Empty containers can be placed with tinplate recycling.

Disposal: Liquid residue: EAK code o8o112 or 2o0128, EAK designation: paints. Only empty container with dried on product residues can be recycled. Only hardened product residues may be disposed of as hardened paints or as domestic rubbish.

Safety advice: Owing to the risk of self-combustion from drying natural oils, used cloths must not be screwed up but spread out flat to dry separately, or stored in an airtight sealed tinplate container Code: M-DF o3 Natural resinous paints, solvent-free.
Switzerland: BAG T No.: 100387. Standard precautionary measures should be observed, e.g. see that there is adequate skin protection and ventilation during application. Follow safety data sheet, technical information sheets*.

Technical recommendations on application

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1. BASE

1.1 Suitable bases: Interior wood and wooden materials.

1.2 General base requirements: The base must be clean, workable, adhesive and free of separating or penetrating substances.

2. BUILDING UP COATS (BASE COAT)

2.1 Base type: wood, wooden materials

2.1.1 Base preparation:

- clean base, rub down, carefully remove dust;
- for high-quality surfaces, first sponge down, leave to dry, finely rub down (up to at least 12 grain size), brush down in the direction of the grain, carefully remove dust;
- when sanding down, see that sander is rust-free;
- remove seeping wood contents, such as resin and gall; remove damaged wood;

2.1.2 Base treatment

- depending on the type of wood, prime once in the direction of the grain using AURO Hard primer No. 127* or AURO Special primer No. 117*;
- if priming with AURO Hard primer No. 127*, after drying, carefully rub down in between coats e.g. with a sandpaper (min. 120 grain size), thoroughly remove dust.
- Content-rich woods (see also our relevant topic sheet "Universal pre-treatment for content-rich woods"):
- To prevent delays in drying, treat tannin-rich woods (e.g. oak, chestnut, cherry) 1-2 x with AURO Special primer No. 117*.
- if priming with AURO Special primer No. 117*, if necessary, lightly smooth with black pad only when dry – do not sand down!

2.1.3 Interim treatment

- treat 1 x evenly in the direction of the wood grain using AURO floor varnish No. 267;
- When dry, if necessary, carefully rub down with sandpaper (e.g. 150 grain size), remove dust.

2.1.4 Top coat

- treat 1-2 x with AURO floor varnish No. 267, depending on the absorbency of the base.

3. BUILDING UP COATS WHEN REDECORATING

3.1 Base type: damaged old coats (maintenance)

3.1.1 Base preparation

- tests available bases and old coats for adhesion and tolerance.
- fully remove unworkable, unsuitable coats, e.g. severely damaged old coats right down to the bare wood.

3.1.2 Follow-up treatment: Build up layers again as outlined under point 2.

3.2 Base type: Intact old coat (maintenance)

3.2.1 Base preparation: Thoroughly clean surface, rub down and remove dust.

- tests available bases and coats for adhesion and tolerance and, if necessary, entirely remove.

3.2.2 Basic treatment: No basic treatment is required for intact old coats.

3.2.3 Top coat: as outlined under point 2.1.4.

4. CLEANING AND CARE

- After surface treatment keep dry for at least 2 weeks.
- Maintenance care: if necessary, give floor a damp wipe but not wet, adding AURO Floor cleaner No. 427*. Depending on how dirty it is, use AURO Floor cleaner No. 427* undiluted or at higher dosages.
- Do not use any caustic substances (e.g. ammonium chloride solutions, soapy water), solvents or very caustic, abrasive cleaning agents or microfibre cloths. To pick up dirt, use only a vacuum cleaner with the appropriate attachments for wooden floors.
- In part areas replace worn surfaces as outlined under 3.2.

Notes on application

- Before applying the product, test the base for suitability, tolerance and appearance by applying a sample coat.
- If it is not possible to test the base, the old coat must be totally removed right down to the intact base.
- Avoid direct sunlight or damp or dirt getting in during drying.
- temperature for application min. 10 °C, max. 30 °C, max. 85% relative air humidity, optimum 20-23 °C, 50-65% relative air humidity.
- Wood dampness max. 12% for deciduous wood, 15 % for coniferous wood.
- Stir product well before use.
- Apply further coats rapidly after fully dry.
- Do not subject incomplete coats to longer wear.
- Be aware that typically the product may yellow with age.
- Applying with a roller produces a surface structure typical of the product.
- The level of gloss may vary depending on the type of wood and is reduced by wear and tear.
- The renewal cycle depends, among other things, on the level of wear and tear and care of the floor. If applied well it may last 5 years or more.
- Surfaces should be regularly monitored, cared for and any damage immediately repaired for optimum, long-lasting protection.
- It is better to renew early, if required. Prompt care and renewal will enhance durability.
- With wooden materials such as layered fibreboard, etc., the coating instructions from the manufacturer should be followed.
- All coating work should match the object and its use.

The information contained in this technical data sheet is the result of long years of research and practical tests. This information is intended as advice but does not release the purchaser and user from the need to test the products himself with regard to their suitability for the intended application. Therefore this information does not imply any guarantee and does not entail any liability. Consultation of our technical advisory service does not constitute any advisor relationship. This technical data sheet loses its validity when a new edition is released.

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