Technical Data Sheet

AURO Floor varnish No. 267

Type of material
Environmentally friendly, water-thinnable, transparent floor varnish with medium gloss, solvent-free, consistent ecological selection of raw materials.

Intended purpose
- For interior wooden floors with normal wear and tear; apply at least 2 coats using approx. 0.06 l/m² per coat.
- Tested according to DIN EN 71, Part 3, “Safe for Toys”.
- Tested according to DIN 53160, “Saliva- and perspiration-proof”.
- Tested 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.
- Abrasion-resistant in accordance with ENV 13696, utilisation category 1-2 according to ihd, suitable for constant normal domestic use.

Composition
Water, linseed oil, colophony glycerine ester with organic acids*, mineral fillers, surfactants (from castor and rapeseed oil), silic acid, dryers (cobalt-free), castor stand oil*, sunflower oil*, *as amino soap, cellulose, beeswax*, fatty acids.
Natural products are neither odourless nor emission-free. May cause allergic reactions. Current full declaration on www.auro.de.

Colour shade
Colourless, transparent. Differences in colour tone and degree of gloss between different batch numbers are possible. Mix different batches 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 method
- Roll on using AURO floor varnish rollers.
- Apply with brush only on small areas, e.g. in corners.

Drying time in standard climate (23 °C/ 50% relative air humidity)
- Dust dry after approx. 10 hours.
- Dry and ready for grinding or re-coating: after approx. 48 hours. Final hardness achieved after approx. 4 weeks.
- Significant drying delays are caused by high humidity, low temperatures and excessive application volumes.
- Drying is a process of oxygen uptake. Ensure plentiful and tempered air volume exchange during the drying process.

Density Approx. 1.05 g/cm3. **Hazard class** Does not apply. **Viscosity** Approx. 40 seconds (DIN 6 mm) at 20 °C.

Thinner Adjusted ready for use, can be thinned with up to max. 20% water.

Consumption rate
Approx. 0.06 l/m2 per coat on smooth, evenly absorbent bases. Quantities used depend on base, type of application, surface condition. Determine exact consumption on sample. However, the stated quantity for use should not be exceeded significantly.

Cleaning of tools
Immediately after use, remove the product residues by brushing them out of the tools and wash out using warm 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 Orange oil No. 191*. Thoroughly rinse with water with added AURO Vegetable soap No. 411*.

Storage stability Store out of reach of children, cool, frost-free, dry in closed containers. In original sealed container at 18 °C: 12 months

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

Disposal
Liquid residues: EWC code 080112 or 200128, designation: Paints. Only empty container with dried product residues can be recycled. Only hardened product residues may be disposed of as hardened paints or household waste.

Attention
Danger of self-ignition of drying oils. Consequently, do not crumple used cleaning cloths and the like. Spread them out in a smooth manner so that they can dry or store them in an air-tight closed metal container. Product code: M-DF 03 Natural Resin Paints, solvent-free. Observe the customary protective measures, e.g. ensure adequate skin protection and ventilation during application.See Safety Data Sheet and Technical Data Sheets*.

Technical recommendations for application AURO floor varnish No. 267

1. SUBSTRATE
1.1 Suitable substrates Interior wood and wood-based materials.
1.2 General substrate requirements The substrate must be clean, workable, adhesive and free of separating or bleeding-through substances.

2. COATING SYSTEM (FOR INITIAL COATING)
2.1 Type of substrate Wood, wood-based materials.
2.1.1 Substrate preparation
- Clean, sand slightly, remove all dust.
- For high-quality surfaces, first water with sponge, leave to dry, sand finely (up to at least 120 grain size), brush down the pores in the direction of the grain, remove all dust.
- Use rust-free abrasives for sanding work.
- Remove seeping wood contents, such as resin and gall; remove damaged wood.

2.1.2 Basic treatment
- Depending on the type of wood, prime 1x 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 sand in between coats e.g. with a sandpaper (min. 120 grit size), thoroughly remove dust.
- **Content-rich woods** (see also our relevant sheet *Universal pretreatment of woods rich in active substances* available for download online.
- To prevent delays in drying, treat tannin-rich woods (e.g. oak, chestnut, cherry) 1-2 x with AURO Special primer No. 117*.
- When priming with AURO Special primer No. 117*, if necessary, lightly smooth with black pad only when dry – do not sand down!

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

2.1.4 Final treatment
Treat 1-2 x with AURO floor varnish No. 267, depending on the absorbency of the base.

3. COATING SYSTEM (FOR RENOVATION COATING)
3.1 Type of substrate Damaged old coats (maintenance).
3.1.1 Substrate preparation
- Tests old substrates and 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 under point 2.
3.2 Type of substrate Intact old coat (maintenance).
3.2.1 Substrate preparation
- Thoroughly clean surface, sand down and remove dust.
- Test old substrates 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 Final coating As under point 2.1.4.

4. CLEANING AND CARE
- After surface treatment keep dry for at least 2 weeks.
- Maintenance care: if necessary, wipe floor wipe but not wet, adding AURO Floor cleaner No. 427*. Depending on degree of dirtiness, 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.
- Partial spots of the surface can be renewed as under 3.2.

REMARKS
- 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 exposure to sunlight, moisture influences and dirt while the coat is drying.
- Application temperature at least 10 °C, max. 30 °C, max. 85% rel. humidity; optimal 20-23 °C, 50-65% rel. humidity.
- Wood dampness max. 12% for deciduous wood, 15 % for coniferous wood.
- Stir product well before use.
- Apply further coats rapidly after fully dry according to the coating system.
- Do not subject incomplete coats to longer wear.
- Product-typical after-yellowing must be taken into account.
- 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.

* See respective Technical Data Sheets.