



AURO

NATURAL PAINTS

Technical data sheet

AURO Silk gloss paint No. 260

Type of coating material

- Environment-friendly, water-diluted finishing lacquer with a high covering power for interior use.
- Medium gloss, solvent-free, without wood preservative.
- Consistent selection of ecologically friendly raw materials.

Application

- For decoration and (diffusive) protection of wood, wood materials and iron parts.
- Only for interior use; at least 2x applications with approx. 0.08 l/m² per application.

Technical properties

- Tested according to DIN EN 71, Part 3, Safe for Toys
- Tested according to DIN 53160, saliva- and perspiration-proof
- According to EN 13300: Abrasion Proof Class 1, Covering Power Class 3 at an application rate of approx. 0.08 l/m² (= range 12.5 m²/l), whiteness rate 94%

Composition

Water, vegetable binder (sunflower-oil, linseed-oil and dehydrated castor-oil stand oils, colophony glycerine ester, partly as ammonium soaps), mineral pigments, fillers, silicic acids, surfactants (from rapeseed-oil, linseed-oil, sugar surfactant) cellulose ether, dryers (lead-free), borate, lecithin. Natural colours are not odour and emission free. Consider possible allergies. Our current Full Declaration is definitive.

Shades

White and 8 different shades (see corresponding colour chart or product list).

Please note: The product has a milky appearance, but it dries into a clear film. Gloss differences are possible with different batch numbers. Mix together different batches before they are applied. All Silk gloss paints No. 260* are miscible with each other. Tinting with AURO Gloss paint No. 250* is possible, but changes of the product and gloss must be taken into account. Mixing is at your own responsibility.

Coating methods

Coating (synthetic or mixed-fibre brush, fine-pore foam rollers, short-pile finishing roller, e.g. AURO Tools).

| | | | |
|--------------|---------------|--------------------|----------------------|
| Spraying | High-pressure | HVLP(mist reduced) | Airmix |
| Nozzle width | 1,0-2,0 mm | 1,0-2,0 mm | acc. to manufacturer |
| Air pressure | 3-5 bar | 2-4 bar | acc. to manufacturer |

| | | |
|---------------------|---|------------------------------|
| Density | 1,10 to 1,25 g/cm ³ , acc. to colour tone | Danger Class: not applicable |
| Viscosity | Approx. 30 - 60 seconds (DIN 6 mm) at 20 °C, depending on the colour. | |
| Thinner | Ready for application; can be diluted with max. 20% water. | |
| Application rate | 0.07 – 0.09 l/m ² per coat, equalling approx. 70 - 90 my wet coat on smooth, uniformly absorbent bases. The actual consumption rates depend on the base, manner of processing and surface quality. Establish precise application rates by test coating. | |
| Tool cleaning | Carefully press them out immediately after use and wash thoroughly in water with the addition of AURO Plant soap No. 411*. Remove encrusted product residues on tools by prolonged soaking in a soap solution or remove with AURO Thinner No. 191* and then rinse thoroughly with water to which AURO Plant soap No. 411* has been added. AURO Plant soap No. 411* can be rubbed into brushes and paint pads for their storage; wash them thoroughly before they are used again. | |
| Shelf life | In the original tightly closed container at 18 °C: 12 months. | |
| Storage | Cool, frost-free and dry. Keep out of reach of children. Store in the tightly closed container. | |
| Packaging material | Tinplate; only recycle empty containers. | |
| | Disposal of liquid residues EAK-Code 080112 or 200128, EAK designation: Paints. Only completely emptied containers with dried product residues can be returned for recycling. Only dried product residues as fully hardened paints can be disposed of as domestic waste. | |
| Safety instructions | Danger of self-ignition of drying oils. Consequently, do not crumple used cleaning cloths and the like. Spread them out in a smooth mannerso that they can dry orstore them in an air-tight closed metal container. Product code: M-DF03 Natural Resin Paints, solvent-free BAG T No.: 81767. Observe the customary protective measures. Ensure adequate skin protection and ventilation during application. For further details see Safety Data Sheet and Technical data sheets*. | |

Processing instructions

- Prior to product application check the base for suitability and compatibility.
- If a base cannot be checked, then the old coat must be removed entirely right down to the bare wood or the intact primer must be removed.
- 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.
- Moisture in the wood: max. 12% in hardwood and 15% in pinewood .
- Stir the product thoroughly prior to application.
- Each subsequent coat must be speedily applied in conformity with the given coating composition only after each coat has completely dried.
- Do not expose coats that have not yet fully cured to prolonged loads.
- Product-typical after-yellowing must be taken into account.
- The gloss varies with different types of wood and is diminished by stresses.
- The renovation cycle depends on the intensity of wear and choice of colour; with optimal coat application it can be 5 years ore more.
- For optimal, permanent protection, the surfaces must be regularly checked, given care treatment, and damaged points immediately repaired, at least 2x a year.
- Depending on the given object earlier renovation may be necessary. Care and renovating work completed in due time will favour durability.
- Only use sealing compounds and adhesive tapes that are compatible with the products.
- Check that glazing seals are fully functional; renew whenever necessary.
- Ensure that paint coats on windows have dried fully before the windows are closed.
- All coating work must be adapted to the object and its use. The Technical Guidelines No. 20 of the Federal Committee for Paints and the Protection of Objects (BFS) must be observed.

AURO No. 260

Application-technical recommendations

AURO Silk gloss paint No. 260

1. BASE

1.1 Appropriate bases: Only for interiors - Wood and wood-based materials; iron parts only after pre-treatment with AURO Rust protection primer No. 234*. **Not for floors or wood that come into contact with the soil.**

1.2 General demands expected of the base

The base must be clean, be able to support the paint and be free of releasing agents or staining substances..

2. COAT COMPOSITION (FIRST COAT)

2.1 Kind of base: Untreated wood and wood materials

2.1.1 Base preparation

- Round off the edges; clean the base, sand and finally carefully remove all dust.
- For high-quality surfaces on smooth wood; initially wash with a sponge and allow it to dry; fine sand in grain direction; brush open pores; carefully remove all dust and clean.
- Use rust-free abrasives for sanding work.
- Wash wood rich in infiltrates and resin, as well as tropical wood, with AURO Plant alcohol thinner No. 219* and fine sand once again.
- Remove substances seeping out of the wood, e.g. resin and resin galls; remove damaged wood; seal open wood joints.
- Additionally apply a water-proof seal on the edges of wood materials.

Pre-treat wood rich in infiltrates with AURO Special Primer No. 117*:

- Wood rich in tannin (e.g. oak, horse chestnut, emiri and similar wood) to prevent delayed drying.
 - Wood with seeping stains (e.g. larch, red cedar, meranti and similar wood), especially when light or white paints are to be subsequently applied.
 - Salt-treated and boiler-pressure impregnated wood as preventative treatment against efflorescence.

2.1.2 Base treatment

- Apply 1x AURO Wood Primer No. 124* or AURO Special Primer No. 117* depending on the given wood.
- Alternatively, apply 1x AURO White undercoat No. 253*, diluted with 10% water, depending on the given wood.

2.1.3 Intermediate treatment:

- Fill and smoothen damaged areas with AURO Paint filler No. 231*.
- Apply 1x AURO White undercoat Nr. 253* if this has not yet been applied.

2.1.4 Final treatment

- Apply at least 2x with AURO Silk gloss paint No. 260*. On uniformly absorbent surfaces, the application rate has to be at least 0.24 l/m² (No. 253 approx. 0.08 l/m², 2x 260, each time approx. 0.08 l/m²) to ensure that optimal protection is maintained.
- Between each coating and after drying, and depending on the base and required surface quality, it is advisable to lightly sand the surface with fine emery paper (220 grain) or an emery pad, without damaging the edges, and then carefully remove all dust.

2.2 Kind of base: Crude iron parts

2.2.1 Base preparation

- Carefully clean the base with a (wire) brush and sand (60-120 grain) until bright derusted
- Remove all dust; do not use a rust converter.

2.2.2 Base treatment

- Apply uniformly 1x AURO Rust protection primer No. 234*
- Allow to dry after each application and lightly sand with fine emery paper (220 grain) or an emery pad without damaging the edges; remove all dust.

2.2.3 Final treatment: Proceed as described in 2.1.4.

2.3 Kind of base: Works primed iron parts

2.3.1 Base preparation

- Clean thoroughly; sand lightly with fine emery paper (180 grain); remove all dust. Complete test coating and adhesion test on works pre-treated bases.

2.3.2 Base treatment: Not necessary with works primed iron parts.

2.3.3 Final treatment: Proceed as described in 2.1.4.

3. COAT COMPOSITION FOR RENOVATION COATING

3.1 Kind of base: Greyed or damaged old coats (repair)

3.1.1 Base preparation

- Check existing bases and old coats for adhesion and compatibility; if necessary carry out a test coating.
- Old coats that no longer provide any support or are unsuitable, e.g. greyed or severely damaged weathered old coats, must be removed right down to the bare wood or a base that can provide firm support.

3.1.2 Follow-on treatment: Proceed as described in 2.

3.2 Kind of base: Intact old coat (maintenance)

3.2.1 Base preparation: Clean the surface thoroughly, sand and remove all dust.

3.2.2 Base treatment: Not necessary with intact old coats that still have a supporting and adhesion capacity.

3.2.3 An additional undercoat is recommended when wood is coated with AURO Special Primer No. 117*.

3.2.4 Final treatment: As described in 2.1.3/ 2.1.4.

4. MAINTENANCE AND CARE

Either clean the surfaces with lukewarm water or use AURO Paint and stain cleaner No. 435*. Do not use any lyes (e.g. ammonia solution or soap lye) or abrasive cleaning agents.

This Technical data sheet merely gives recommendations and possible examples. No binding force or liability can be deducted from this sheet. Using the recommendations does not imply a legal relationship. The details conform with our present-day knowledge and do not absolve users from their own responsibilities. The current state of the art must be observed in connection with all coating and preparation work. The conditions of the object and product suitability must be competently verified. This Technical data sheet loses its validity with the publication of a new version.
Status: 01.07.2004; entirely revised.

AURO