

AURO White undercoat, Classic no. 933

Technical Data Sheet

Type of material/Application: Undercoat for gloss paint coatings indoors and outdoors on wood and wooden materials after respective pretreatment.

Composition: Linseed oil, linseed stand oil (reg. cultivation), wood oil, castor stand oil, safflower stand oil, dammar, zinc, lime, colophony ester, titanium dioxide, talcum, kaolin, swelling clay, silicon dioxide, silicates, lecithin, Ca/Co/Zr dryers (lead-free), alcohol, orange oil. Natural paints are neither odourless nor emission-free. May cause allergic reactions. Current full declaration on www.auro.de.

Colour shade: White.

Application method: By brush (also with automatic paint supply using Wagner-Farbmeister W 3000 S), by roller or spraying.

Drying time in standard climate (20°C/60% rel. air humidity)

- Dust dry after approx. 5 hours, dry, sandable and overcoatable after approx. 36 hours.
- High air humidity, low temperatures and too high spreading rates slow down the drying process considerably.
- Drying is effected by oxygen absorption, therefore ensure sufficient air change during the drying process.

Density: 1.27 g/cm³

Hazard class: Regulations on inflammable liquids (VbF): All inflammable. Flashpoint: approx. 48°C

Viscosity: Approx. 110 seconds (DIN 4 mm) at 20°C.

Thinner: Ready for use, can be diluted with AURO Diluent no. 191*

Consumption: Approx. 0.08 l/m² per coat, may vary depending on application, surface quality and substrate. Carry out a test application to assess the exact spreading rate.

Cleaning of tools: Remove product residues from tools and clean thoroughly with AURO Diluent no. 191* immediately after use.

Storage stability: At least 12 months at +20°C in closed container; store cool but above freezing point.

Packaging material: Tinplate: Completely empty containers can be recycled.

Waste disposal: The ingredients of dried product residues are comparable to domestic waste. However, disposal according to valid legal regulations for paint and varnish residues is required by law. EWC code 200112, EWC name: Paints, according to European Waste Catalogue.

Attention: Used rags or polishing pads are prone to self ignition (due to the content of drying oils) and must be spread out to dry and be stored in a firmly closed tin container. Keep out of reach of children. Observe Safety Data Sheet and Technical Data Sheets*.

Notes to be observed

- Tested according to DIN EN 71, part 3, safety of toys; saliva and perspiration proof according to DIN 53160.
- Application temperature: 12°Cmin., wood moisture must not exceed 15% max. Stir well before use.
- Direct sunlight and exposure to humidity must be avoided during the application.
- Check permanently elastic sealing compounds, e.g. on windows, for compatibility with the product before use.
- Only use adhesive tape compatible with the product.
- When coating window frames, the same number of coats must be applied indoors and outdoors (compensation of vapour-pressure gradient).
- When coating window frames, ensure that the coating is fully dry before closing the windows.
- Yellowing of purely white coatings is possible in case of surfaces exposed to thermal stress or little light incidence.
- When working with wooden materials such as layer-glued wood fibreboard or similar, observe the manufacturer's instructions for coating.
- The renovation cycle is 3 - 5 years depending on the stress level surfaces are exposed to. Exposed surfaces under high stress may require renovation coatings earlier.
- It is recommended to check surfaces regularly and to repair defective areas to ensure optimum protection.

Application-related recommendations

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1. SUBSTRATES

1.1 Suitable substrates: Wood and wooden materials indoors and outdoors after respective preparation.

1.2 General substrate requirements: Substrates must be solid, chemically neutral, dry, free of grease, clean and free of bleeding ingredients.

2. COATING SYSTEM (FIRST COATING)

2.1 Type of substrate: Wood, wooden materials.

2.1.1 Substrate preparation

- Round off edges, clean and sand substrate.
- To obtain a high quality finish, first moisten with a sponge, allow to dry, sand finely, brush over pores in direction of the fibres, carefully remove dust.
- Only use stainless abrasives for sanding.
- All load-bearing and reinforcing timber must be treated appropriately.
- When working on dimensionally stable wooden components and wooden cladding, weathered or in damp rooms, check if preventive wood protection is required.

2.1.2 Primer treatment

- Pretreat substrates indoors and outdoors with AURO Special primer no. 117*.
- For subsequent gloss paint coatings indoors, AURO White undercoat, Classic no. 933 can be used alternatively.
- Allow to dry and carefully implement intermediate sanding with fine abrasive paper (grit size 220) or sanding pad without damaging the edges, thoroughly remove dust.

2.1.3 Intermediate treatment

- Treat substrates indoors and outdoors with AURO White undercoat, Classic no. 933.
- Allow to dry and implement intermediate sanding, remove dust.

2.1.4 Final treatment

- Use AURO White topcoat, glossy, Classic no. 935* (indoors and outdoors) or AURO White topcoat, satin mat, Classic no. 936* (indoors only) according to the instructions.

3. COATING SYSTEM (RENOVATION COATING)

3.1 Type of substrate: Weathered or defective old coatings (renovation)

3.1.1 Substrate preparation

- Remove non-solid old paintwork entirely.
- Remove all greyed and damaged wood down to the solid wood.
- Check old coating for overcoatability, carry out test applications. If no suitable: Remove old coating entirely.

3.1.2 Subsequent treatment: Apply a new coating system as described in section 2.

3.2 Type of substrate: Intact old coating (maintenance)

3.2.1 Substrate preparation

- Clean surface thoroughly, sand and remove dust.
- Check old coating for overcoatability, carry out test applications. If not suitable: Remove old coating entirely.

3.2.2 Primer treatment: Intact old coatings do not require priming.

3.2.3 Final treatment: Proceed as described in section 2.1.4.

* See respective Technical Data Sheets.

The Technical Data Sheet gives recommendations and examples of possible use. The advice given implies no liability or other legal responsibility on our part. 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.
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