

AURO Hard oil DuraQuick No. 529

Technical Data Sheet

Product Type

Environmentally friendly, water-dilutable, self-crosslinking, transparent floor coating manufactured using ecologically selected raw materials.

Application Area

For normally to heavily used interior wood flooring. Apply at least 2 coats, approx. 0.06 to 0.08 l/m² per coat.

Technical Properties

Good resistance to chemical exposure from everyday substances such as water, alcohol, coffee, tea, red wine and cleaning agents (DIN 68861 Part 1B).

Composition

Natural oil hybrid, water, rapeseed–castor oil surfactants, cellulose, silicates, succinic acid esters, benzisothiazolinone, sodium pyrithione.

Information for allergy sufferers: Tel. +49 (0)531 281 41 0. Current full declaration available at www.auro.de.

Colour Shade: Colourless, transparent, silk matt. Additionally, machine tintable with pigment pastes No. 557 in white, grey, black, oak, walnut and dark walnut within the COLOURS FOR LIFE system. Colour creation and matching carried out on ash wood. Variations may occur on other wood species.

Application Method

- Apply by roller only using a short-pile lacquer roller (e.g. AURO No. 730)
- Brush application only for smaller areas, e.g. corners

Drying Time under Standard Climate Conditions (23 °C / 50% relative humidity)

- Dust-dry after approx. 1 hour.
- Dry, sandable and workable after max. 2 hours. Full final hardness is achieved after approx. 7 days. Furniture may be returned to the room the day after coating. Avoid sliding furniture across the floor during the initial curing period.
- Drying time will be extended at higher humidity, lower temperatures and higher consumption rates.
- Do not apply below 10 °C object temperature.

Slip classification: R10

Density: 1.03 g/ml

Consumption Rate: approx. 0.05 to 0.08 l/m², depending on substrate.

Cleaning of Tools: Remove excess material from tools after use and wash with water (if necessary with the addition of AURO Plant Soap No. 411*).

Storage Stability: Store out of reach of children, in a cool, frost-free, dry place and tightly closed. At 18 °C in the original unopened container: 24 months.

Packaging Material: Tinplate. Only recycle completely empty containers.

Disposal

Liquid residues: EWC code 080120 – EWC designation: paints. Only recycle containers with fully dried product residues.

Dispose of dried product residues as cured paints or as household waste.

Attention

Product code: W2+ water-dilutable surface treatment products, solvent content <5%. Observe usual protective measures, e.g. ensure adequate skin protection and ventilation during application. For safe handling, labelling and transport regulations, refer to the current Safety Data Sheet and product label.

Hazard classification: Not applicable.

EU VOC value according to 2004/42/EC II A (dWb) 130 g/l (2010). Product VOC: ≤ 5 g/l.

Application Technical Recommendations

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1. SUBSTRATE

1.1 Suitable substrates: Interior wood and wood-based materials.

1.2 General substrate requirements

The substrate must be clean, sound, load-bearing and free from separating or staining substances.

2. COATING SYSTEM (INITIAL COAT)

2.1 Substrate type: Wood, wood-based materials

2.1.1 Substrate preparation

- Clean substrate, sand lightly and remove dust carefully. Previously oiled floors must be sanded back to bare wood or treated as described in Section 3.
- Pre-wet new wood with a sponge, allow to dry, fine sand (at least grit 120). Brush out pores in the direction of the grain and remove dust carefully.
- Use rust-free abrasives when sanding.
- Sanding dust can be mixed with AURO Wood Fill & Fix No. 528* as a joint filler for surface repairs (see separate TDS).
- Remove exuding wood extractives such as resin and resin pockets; remove/replace damaged wood.
- Wood moisture content must not exceed 15%.
- Object temperature ≥ 10 °C.

2.1.2 Priming coat

- Apply one coat of AURO Hard Oil DuraQuick No. 529 (stir product thoroughly before use).

2.1.3 Intermediate treatment

- Lightly sand the dry first coat with grit 220 and remove dust carefully.

2.1.4 Final coat

- Apply 1 coat of AURO Hard Oil DuraQuick No. 529 (stir product thoroughly before use).

3. COATING SYSTEM FOR RENOVATION COATS

3.1 Substrate type: Intact or damaged existing coating

3.1.1 Substrate preparation

- Completely remove existing substrates and old coatings.
- Sand oiled floors back to bare wood or clean using AURO 2K Cleaner Parquet/Floorboards No. 640.
- Completely remove non-load-bearing or unsuitable old coatings (e.g. severely damaged coatings) down to sound wood.
- Carry out substrate preparation as described under 2.1.1.

3.1.2 Subsequent treatment: Rebuild system as described under Section 2.

4. Coloured coatings

Carry out substrate preparation as described above. For coloured finishes, apply the first coat in the desired colour shade, followed by one transparent coat. Apply the first coat evenly and quickly wet-on-wet. Avoid cutting-in edges where possible; otherwise proceed step by step along the areas being rolled.

Exception white: apply the first coat transparent and the second coat white pigmented.

Pre-mixed colours are available in the COLOURS FOR LIFE system (white, black, grey, oak, walnut, dark walnut). These are matched on ash. Colour appearance may vary on other wood species. Carry out a trial application beforehand. Coloured products may be diluted with transparent material to reduce colour intensity.

5. CLEANING AND MAINTENANCE

Full final hardness is achieved after 7 days. Routine maintenance: wipe with a damp cloth using AURO Floor Care Emulsion No. 431* or treat with AURO Wood Floor Cleaning and Care No. 661. Do not use strong alkalis (e.g. ammonia solutions, soap lyes), solvents or strongly abrasive cleaning agents. Use a vacuum cleaner with suitable attachments.

Important information

- Before applying the product, test the substrate for suitability, compatibility and appearance by applying a sample coat. **Stir the product well before use.**
- For softwoods, refer to the AURO information sheet "Shrinkage and swelling of softwoods".
- If it is not possible to test the substrate, the old coating must be completely removed down to the intact substrate.
- During application, avoid direct sunlight or moisture and dirt contamination during drying.
- Application temperature min. 10 °C, max. 30 °C, max. 85% relative humidity, optimum 20-23 °C, 50-65% relative humidity.
- Wood moisture content must not exceed 12% for hardwood and 15% for softwood.
- Apply subsequent coats quickly after complete drying in accordance with the coating structure.
- For wood-based materials such as laminated wood fibre boards or similar, the manufacturer's coating instructions must be observed.
- All coating work must be tailored to the object and its use.
- Colour variations due to different effects on other types of wood are not grounds for complaint.
- When resealing, wipe the rim of the tin with a cloth to prevent the lid from sticking when reopening.

* See relevant technical data sheets.