

AURO Brick oil No. 114

Type of material Solvent-based oil for open pore priming and surface treatment.

Intended purpose

- As sole treatment for brick, clinker, stone and Cotto panels for inside and outside.
- As primer for absorptive surfaces for secondary treatment with oil or wax products.

Technical properties

- Tested according to DIN EN 71, part 3, "Safe for toys".
- Equalises unevenly absorptive surfaces.

Composition

orange terpenes, tung oil, linseed oil, colophony glycerol ester with organic acids, sunflower oil, castor oil, fatty acids, drying agents (cobalt-free). Natural products are not odourless or free of emissions. May cause allergic reactions. Natural products are not odour- nor emission-free. See the current full declaration on www.auro.de.

Colour shade Transparent with a honey-coloured highlighting effect. Carry out a test application as the effect varies on different substrates.

Application method By brush, roller, spraying.

Drying time in standard climate (23 °C/ 50% rel. air humidity)

- Penetration of substrate: up to approx. 30 minutes; dust dry: after approx. 10 hours; re-coatable: after approx. 24 hours.
- Full hardness: after approx. 3-5 days minimum. Treat carefully during this period; avoid exposure to humidity and dirt.
- High air humidity, low temperatures, contact with liquids (also short-term), high spreading rates and insufficient air supply slow down the drying process considerably and also affect the product's technical properties negatively.
- The drying process is initiated by oxygen uptake (oxidation). This results in product-specific odours and emissions; it is therefore absolutely necessary to provide for sufficient and tempered ventilation during the entire drying time.

Density Approx. 0.89 g/cm³.

Hazard class UN 1263, class 3.

Viscosity 14 seconds (DIN 4 mm) at 20 °C.

Thinner Ready for use, can be diluted with max. 30% of AURO Diluent No. 191*.

Consumption rate Ø 0.05 l/m² per coat depending on substrate, application method, surface quality. Carry out a test application to assess the exact consumption rate.

Cleaning of tools Immediately after use with AURO Diluent No. 191*. Rinse with AURO Plant soap No. 411* and water.

Storage stability Store dry, cool but frost-free, in original containers, out of reach of children. At 18 °C in original, closed containers: 24 months.

Packaging material Tinplate. Only recycle completely empty containers with fully dried product residues.

Disposal Liquid residues: EWC code 200127, designation: Paints. Only dispose of dried product residues as cured paints or domestic waste.

Attention Product is flammable, R 10 Flammable, S 16 Keep away from sources of ignition. No smoking. Risk of spontaneous ignition of drying oils. Spread used rags, etc. evenly one by one and allow to dry (do not crumple!), or store in tin containers closed airtight. Contains orange oil, R 65 May cause lung damage if swallowed, S 23 Do not breathe vapour/aerosol, S 51 Use only in well-ventilated areas, S 62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. Product code: Ö100, oils/waxes, highly solvent-based. Observe standard protective measures, e.g. provide for sufficient skin protection and ventilation during the application, wear respiratory equipment when sanding. Observe Safety Data Sheet, Label and Technical Data Sheets.

REMARKS

- Check substrate for suitability and compatibility before use.
- Avoid direct sunlight, exposure to humidity and dirt during the application and drying process.
- Discolouration of the treated wooden surface may be caused e.g. by iron filings and filing dust; all contact must therefore be avoided.
- Application temperature: 10 °C min., 30 °C max., ideally 20-23 °C; max. rel. air humidity: 85%, ideally 50-65%.
- Stir well before use; mix products with different batch numbers until homogenous prior to use to compensate for batch-related differences.
- Oil-based products are thermoplastic and soften in heat; ensure that surfaces are fully dry before reworking or exposing these to stress.
- Surfaces must be checked and maintained regularly and defects be repaired immediately to provide for durable protection.
- The product may be slightly greenish which wears off in the course of time.
- Product-specific (after) yellowing may occur and must be taken into consideration.
- The renovation cycle depends on the stress the surfaces are exposed to.

Technical recommendations for application

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1. SUBSTRATES

1.1 Suitable substrates Brick, clinker, stone, Cotto plates, unglazed clay tiles.

1.2 General substrate requirements Surfaces must be solid, dry, chemically neutral, absorptive, free of grease and bleeding ingredients, clean, stable, in good condition and adhesive.

2. COATING SYSTEM (FOR INITIAL COATING)

2.1 Substrate preparation

- Clean substrates, and remove dust thoroughly.
- Acid-wash newly installed floors; remove all cement stains and cement residue entirely.
- Prior to initial treatment, substrates must be absolutely clean, dry and chemically neutral.
- Switch off floor heating prior to use.

2.2 Basic treatment

- Apply the product evenly; use a wide paint brush and a paint pan in floor areas; do not pour onto the surface!
- Dilute with up to 30% of AURO Diluent No. 191* depending on absorbency, e.g. in case of badly absorptive substrates.
- The product must fully penetrate the substrate avoiding all film formation; it is absolutely necessary to rub in, distribute evenly and remove all overlaps and excessive material that has not penetrated the substrate before the product starts to dry (no later than 30 minutes after the application) by means of a lint-free cloth, a beige or white pad or similar.
- Do not allow the product to penetrate material joints, recesses and similar as the drying process is considerably slower here.

2.3 Intermediate treatment

- Generally required in floor areas, in case of oiled, waxed surfaces or those exposed to high stress and highly absorptive substrates in other application ranges.
- As described in section 2.2.

2.4 Final treatment

- As described in section 2.2 (apply sparingly).
- If necessary, repeat the process until the substrate is fully saturated.
- Alternatively, final treatment with e.g. the following AURO products is possible depending on the substrate material and stress the surface is exposed to: AURO Hard wax No. 171* or AURO Liquid wax No. 981.

3. COATING SYSTEM (FOR RENOVATION COATING)

3.1 Type of substrate Highly worn or defective surface (maintenance)

3.1.1 Surface preparation

- Remove wax and dirt layers (e.g. with AURO Wax balsam cleaner No. 421* or AURO Paint and stain cleaner No. 435*).
- Remove extremely worn or damaged coatings entirely down to the intact substrate. Clean surfaces thoroughly, and remove dust.
- It is possible to renovate partial areas but colour differences may occur depending on the final product used and the rate of wear.
- Remove unstable, non-adhesive coatings in poor condition and unsuitable old coatings entirely.

3.1.2 New coating system

As described in section 2 depending on rate of wear.

3.2 Type of substrate Intact surface (maintenance).

3.2.1 Surface preparation

Clean surfaces thoroughly (e.g. with AURO Paint and stain cleaner No. 435*), remove dust.

3.2.2 Subsequent treatment or new coating system:

As described in section 2 depending on rate of wear and finishing coating.

4. CLEANING AND MAINTENANCE

- Avoid exposure to water for approx. 4 weeks after effected surface treatment.
- Only clean surfaces with lukewarm water, if necessary, using e.g. AURO Floor cleaner No. 427* or Paint and stain cleaner No. 435*.
- The use of aggressive cleaners or cleaning cloths (e.g. microfiber) destroys or impairs the protective effect of the surface treatment.
- Surfaces must be subjected to secondary treatment or maintenance, e.g. with AURO Brick oil No. 114 or AURO Hard wax No. 171* depending on the stress they are exposed to.

* See respective Technical Data Sheets.

The Technical Data Sheet gives recommendations and examples of possible use. No liability or other legal responsibility can be derived. 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. Status: 25.07.2011 technical data | 26.02.2019 full declaration

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