

AURO Clinker oil No. 114

Type of oil

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

Use

- As an absorbent surface primer for after-treatment with oil or wax products.
- As a mineral base primer for after-treatment with AURO Natural masonry building paint No. 323*.
- As the sole primer for clinker, stone and Cotto panels, indoors and outdoors

Composition

Orange oil, linseed oil, castor oil, sunflower oil, wood oil / stand oil, colophonium glycerine ester, dry substances (lead free). The natural colours are not odour or emission free. Possible allergies must be taken into account. Our current Full Declaration is authoritative.

Technical properties

- Easy to apply, easy renovation
- Consolidating sanded bases
- Tested acc. to DIN 53160, Sweat and Saliva Proof
- Equalising differing absorbency rates
- Tested acc. to DIN EN 71 Part 3, Safety of Toys
- A typical distinct product odour

Shade

Transparent with a honey-coloured highlighting effect.

Drying time at the standard climate of 23 °C and 50% relative humidity

- Penetration into the base: approx. 10-30 minutes. - Touchable after approx. 10 hours.
- Can be over-coated after approx. 24 hours.
- Fully set after approx. 3-5 days; treat carefully during this period and avoid exposure to moisture.
- High humidity levels, low temperatures and high application rates significantly delay drying.
- Ensure adequate, tempered ventilation while drying.

Density	approx. 0,89 g/ml	Hazard class: UN No. 1263, 3, III, VbF AII, flammable, flash point approx. 48 °C.
Viscosity	14 seconds (DIN 4 mm) at 20 °C.	
Thinner	AURO Thinner No. 191*.	
Application	By brushing (brush, surface spreader).	
Application rate	approx. 0.05 l/m ² per application, depending on the base.	
Tool cleaning	Immediately after use with AURO Thinner No. 191*; with AURO Plant Soap No. 411*; then rinse in water.	
Storage	Store the tightly closed original container in a cool, frost-free place. The shelf life of the closed original container at 18° C is approx. 2 years. .	
Packaging material:	Tinplate. Containers must be completely drained for recycling.	
Disposal	Liquid residues: Waste code 080111 or 200127.	

General remarks

The product is flammable and can form ignitable vapours. R10 Ignitable. Danger of self-ignition of drying oils. All cloths used for application must be singed and spread out in a smooth state for drying; do not crumple the cloths nor store them in an air-tight container. R65 can damage the lungs when ingested. Do not induce vomiting if R62 is ingested. Consult a doctor immediately and present the package or label. S51 should only be applied in well ventilated rooms. Do not inhale S23 vapour/aerosol. Product code: Ö 100, oils, waxes, intensely solvent based. Observe the Safety Data Sheet / Technical data sheet *.

Information concerning application

- The product is free of active agents (biocides, algicides).
- A possible inherent light greenish colouration disappears in the course of time.
- Avoid exposure to direct sunlight and moisture influences while applying.
- Application temperature at least 10 °C, max. 85 % relative humidity.
- Stir thoroughly before use.
- Product with different batch numbers should be mixed together prior to application.
- Check base for suitability and compatibility prior to application.
- Ensure that the coat is fully dried before burdening the surface.

Application recommendations

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1. BASE

1.1 Appropriate bases

Clinker, stone, Cotto panels, non-glazed clay tiles.

1.2 General requirements expected of the base

The base must be firm, dry, chemically neutral, absorbent, grease free, clean and free of any migrating substances.

2. COMPOSITION OF THE COATING (FIRST APPLICATION)

2.1 Preparing the base

- Clean the base. Under-floor heating must be switched off during application.
- Newly laid floors must be treated with acid; all cement stains and blurs must be completely removed.
- Wash carefully with water, allow to dry and remove all dust before the surface is oiled.

2.2 Base treatment

- Brush repeatedly as sole treatment until the base is completely saturated. A glossy film is formed if the surplus oil is not removed.
- Depending on the given application the following manners of final treatment are possible:
 - With AURO Clinker oil No. 114, or - With AURO Hard wax No. 171*, or
 - With AURO Liquid wax No. 981*, or - With AURO Natural masonry building paint No. 323*.

2.3 Intermediate treatment

- Generally necessary for floors that are subject to intense wear as well as waxed or oiled surfaces and very absorbent bases in other application areas.
- Apply the product in an undiluted state; remove any surplus product as described in 2.2.

2.4 Final treatment

- Brush repeatedly as sole treatment until the base is completely saturated. A glossy film is formed if the surplus oil is not removed.
- Depending on the given application the following manners of final treatment are possible:
 - With AURO Clinker oil No. 114, or - With AURO Hard wax No. 171*, or
 - With AURO Liquid wax No. 981*, or - With AURO Natural masonry building paint No. 323*.

3. COAT COMPOSITION FOR

3.1 Base

Intensely worn out or damaged surfaces (repair)

3.1.1 Preparing the base

Remove all worn out or damaged coats right down to the intact base. Clean the base thoroughly and remove all dust. Renovation of partial areas is possible, but colour differences can arise, depending on the used final product and the degree of wear. Remove unsuitable old coats.

3.1.2 New composition: As described under Section 2.

3.2 Kind of base: Intact surface (maintained)

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

3.2.2 Basic and intermediate treatment: Basic treatment is not required with intact solid surfaces, otherwise proceed as described in Section 2.2.

3.2.3 Final treatment: As described in Section 2.4.

4. CLEANING AND CARE

- Depending on the final treatment clean the surface with lukewarm water to which AURO Paint and stain cleaner No. 435* or AURO Floor care No. 437* has been added.
- Do not use lyes (e.g. ammonium chloride and soap solutions) or abrasive cleaning agents.
- Regular inspection, care and immediate repair of damaged points complement the protective effect. Treat with the corresponding products, depending on the given degree of wear.
- The renovation cycle is 2 to 4 years.

*See corresponding Technical data sheet

The details in this Technical data sheet are the outcome of many years of research and practical testing. They are merely intended as information and advice and do not absolve the buyer and user from testing the suitability of the products for the envisaged application. Consequently liability cannot be derived from this information. Always observe the current state of the art for all preparatory and coating work. Consulting our advisory service does not constitute a consultancy relationship. This Technical data sheet loses its validity with the publication of a new edition. Status: 01.03.2003

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