

AGLAIA Wood Primer

Universal oil primer for absorbent wood, cork and parquet. Only for interior use

1. Product Properties

Water-proof resin-Oil primer with outstanding penetrating power. AGLAIA Wood Primer is suitable for priming raw, absorbent wood indoors. Further treatment with AGLAIA Hard Oil, Interior Wood Glazes or Interior Lacquers. Universal use for solid wood as well as for wood-based materials, e.g. furniture fronts, worktops, internal doors or wall and ceiling paneling. Also for priming parquet, wooden floor boards, cork and open pored, unglazed cotto and stone tiles in domestic areas for subsequent treatment with AGLAIA Hard Oil. For wood in exterior (e.g. windows), please use AGLAIA Oil Primer.

1.1. Composition

- Linseed oil, long oil alkyd resin, linseed oil based; dryers
- Aromatic compound-free solvent
- Free from biocide ingredients, preservatives and film protection
- "Transparent recipe": see AGLAIA full declaration

1.2. Technical properties

1.2.1. Overview

- Use on interior surfaces
- Subtle wood refinement, pleasant to touch
- Efficient and universal to use, saturating and high yielding
- Deeply penetrating thanks to low-molecular linseed oil
- Open-pored; the substrate keeps diffusible
- Water-repellent and moisture regulating
- Consolidation of crumbly porous building materials

1.2.2. Important building physics characteristics

Parameter	Value	Conformity
Density 20°C:	0.88 kg / L	
Viscosity 20°C:	approx. 57 s (3 mm flow cup)	ISO 2431
s _d value (H ₂ O):	< 0.5 m	
Flash point:	> 61 °C	
VOC content (max.):	300 g / L	Directive 2004/42/EC (limitation of VOC emissions of paints and lacquers), Cat. A / h

1.2.3. Colour

- Colourless transparent. Decorative grain and colour intensification on porous substrates. Try out on a test area.

2. Use

2.1. Substrate requirements

- The substrate must be clean, dry, firm and stable and must be free from efflorescent, discolouring, adhesion-impairing and/or drying-delaying substances. Only use on raw, absorbent substrate.
- Ensure constructive wood preservation measures and wood quality free from blue stain.
- If using on floors, pay attention to a proper laying of parquet, cork, cotto or stone tiles.

2.2. Brief information on the standard system

- Prepare surface professional by cleaning/dewaxing, sanding/grinding and dedusting.
- Prime with AGLAIA Wood Primer. Remove surface excess after 10 – 20 minutes by brush or a rolled-up cloth.
- Further treatment after at least 24 hours with e.g. AGLAIA Hard Oil or Interior Wood Glazes.

2.3. Substrate and preparatory treatment

• **Wood (solid wood, wood based materials) for furniture face, shelves, wall sidings etc.:**

Sand absorbent, raw or non-film forming impregnated wood and prime with AGLAIA Wood Primer, remove excess. Completely sand off or replace crumbly or greyed wood. Maximum wood moisture for softwood 15 %, for hardwood 12 %. Remove greasy contaminations and resin with AGLAIA Balsam Lacquer Thinner, remove wax residues carefully and pore deep. On oak (tannic acid!), tropical woods (discolouring and drying-delaying constituents!) as well as wood-based materials always try out beforehand on a test area and check suitability and drying. Pay particular attention to suitability and the relevant coating guidelines of the supplier. Prime with AGLAIA Wood Primer. Ideal are compact surfaces, avoid any surplus and excessive coatings in joints or voids (OSB!) causes stickiness and odour emission. Remove cracked, loose and flaking old lacquer or synthetic resin-based coatings pore deep. Remove any paint stripper remainders completely. Sand, clean and degrease existing, firmly adherent oil sealers. Prime the rear of panelling in wet rooms too in order to avoid warpage if moisture is absorbed. Ensure back ventilation. Before

AGLAIA Wood Primer

installation, prime all sides of structural timbers and also seal once. Because of the odour, do not use AGLAIA Wood Primer or oily sealers on the insides of cupboards and drawers. Coat only with AGLAIA Rapid Wood Primer W.

- **Parquet, floor boards, wooden paving, cork, unglazed cotto and stone tiles, crumbly floor screed or plaster:**
Check floors for proper installation. Use stone and cotto tiles only in rooms with a balanced room climate on dry basement because of the risk of white efflorescence and water spots. If possible, prime stone tiles with AGLAIA Wood Primer on all sides prior to installation. Tiles that have been already installed should be primed with AGLAIA Wood Primer prior to jointing and acidification. Wash off cement residues without drenching tiles. Allow to dry the floor on a balanced humidity before applying AGLAIA Wood Primer on full surface and subsequent AGLAIA Hard Oil. Make samples on critical surfaces. Adhere cork professional, grind or sand overlaps evenly. Fill joints with a paste made of AGLAIA Wood Primer and abrasive cork dust. Sand glossy spots after drying until dull-matt. Apply AGLAIA Hard Oil only on surfaces which are uniformly saturated by AGLAIA Wood Primer with a satin look. Carefully sand dust inclusions, arising grains etc. Dry brush crumbly, but solid mineral plaster or floor screeds and prime with AGLAIA Wood Primer wet-in-wet till saturation.
- **Unsuitable substrates** are surfaces exposed to the weather, high mechanical stress, moistness or dirt, e.g. entrance areas of public buildings, floors in sanitary units, handrails or garden furniture exposed to rain. Note constructive wood protection measures. Tropical woods, oak and wood-based materials: try out on a test area.
- **Defective substrates** require a differentiated approach; try out on a test area.

2.4. Application instructions

2.4.1. General information

- Check substrate suitability as required (see 2.1. and 2.3.). Pay particular attention to the absorbency, strength and texture of the respective substrate. Try out on a test area before using on high quality and critical surfaces. Ensure qualified workers and smooth, uninterrupted coating process.
- Carefully cover surfaces which are not to be treated and protect them from splashes.
- Provide personal protective equipment.
- Shake container well before use.
- Do not use in wet conditions or on hot surfaces.
- Minimum application temperature: +18°C. Ensure sufficient ventilation (purge ventilation) and heat (room ambient temperature) for drying, avoid cooling down. Handle fresh coatings carefully, keep of moisture, dust and dirt.
- Drying time: in normal climate is dry to handle and to enter with over-shoes at least after 24 hours. Tack-free in normal climate after several days, avoid excessive coat thicknesses and logging, e.g. in joints or rebates.

2.4.2. Application

- AGLAIA Wood Primer is sold ready-to-use and is applied undiluted by brushing, rolling, spraying, flow coating, immersing or with a rolled-up cloth.
- Apply a thick, saturating coat on the substrate, after around 10 – 20 minutes remove and spread surplus product carefully with brush, pad, rubber wiper (water wiper) or rolled-up cloth. The surface must now be "dry to the touch". Also brush out well on rough or textured surfaces. Distribute uniformly by roller or brush without any overlapping or stripes, especially when priming cork floors or parquet.
- Also avoid excessive coat thicknesses if using spray application. Remove surplus by brush, rolled-up cloth or compressed air. Do not let material run into voids and joints. Do not allow any "lakes", fat edges or runs to dry, especially on horizontal areas. Allow proper air circulation between fresh primed items or building elements. Note the risk of auto-ignition in extractor filter mats in case of oily overspray.
- If glossy surplus product remains after drying, sand it carefully until matt.
- Before applying further coatings, finely sand surface if necessary, especially on cork and wood-based materials.
- Store and dispose of impregnated cleaning cloths, pads etc. in closed, airtight metal container due to risk of auto-ignition, see safety instructions.

3. Application rate and Container Sizes

The application rate, i.e. the quantity required for use on planed hard wood parquet is approx. 0.03 L per m². Determine application rate on furniture, cork, stone tiles etc. by trying out on a test area.

Container sizes: 0.25 L / 1 L / 3 L / 10 L

4. Cleaning

Use AGLAIA Balsam Lacquer Thinner to thoroughly clean equipment, tools and soiled clothing immediately after use.

5. Storage

Stored in original container, tightly closed, can be kept for at least 24 months. Close opened containers airtight. Never pour into solvent-swellable containers.

6. Hazard notes, Safety instructions and Disposal

Comply with the EC Safety Data Sheet. Safety data sheet available on request.

AGLAIA Wood Primer

May cause sensitisation of susceptible persons. Contains Orange oil. May produce an allergic reaction. Cleaning cloths, paper or other materials that are used for absorption can become a potential fire hazard. Collect and safely dispose in closed, non-flammable containers after use.

Hazard statements: Harmful to aquatic life with long lasting effects.

Precautionary statements: Keep out of reach of children. Do not get in eyes, on skin, or on clothing. Avoid release to the environment. Disposal in accordance with the official regulations.

Waste disposal number: 080112

7. Declaration

This technical information is offered as advice based on our knowledge and practical experience. All information is provided without guarantee. It does not release the user from their responsibility to check the product suitability and application for the specific substrate on which it is to be used. Subject to change without notice as part of our product development. Non-system additives for tinting, thinning, etc. are not permitted. Check the colours before use. This information sheet automatically becomes invalid when a new edition is issued. The information in the current version of the EC Safety Data Sheets is binding for classification according to the Hazards identifications, disposal considerations, etc.