

Wood Primer

Universal primer oil for absorbent wood, for interior and exterior use; free from active ingredients

1. Product Properties

Oil primer for absorbent exterior wood, for example, for windows, timbering and log cabins. Can also be used universally in interior areas for preparing parquet, exposed wood surfaces and solid wood furniture. Free from active ingredients, therefore, if using in exterior areas ensure wood quality free from blue stain and constructive wood preservation. Further treatment with AGLAIA Lacquers, Wood Glazes and Hard Resin Oil.

1.1. Composition

- Linseed oil, vegetable stand oils and tree resins
- Aromatic compound-free solvent
- Free from plasticisers and synthetic resins
- “Transparent recipe”: see AGLAIA full product declaration

1.2. Technical properties

1.2.1. Overview

- For use on interior and exterior surfaces
- Moisture regulating
- Open-pored; the diffusibility and sorbability of the substrate remains effective
- Efficient to use and high yielding
- Can be coated over practically an unlimited number of times
- Free from active ingredients, contains no mould resistant or fungicidal additives
- Perspiration and saliva-fast to DIN 53160 / EN 71 Part 3

1.2.2. Important building physics characteristics

| Parameter | Value | Conformity |
|--|-----------|---------------------------|
| Density _{20°C} : | 0.82 kg/L | |
| Viscosity: | 34 s | 3 mm flow cup ISO 2431 |
| s _d value (H ₂ O): | < 0.5 m | |
| Flash point: | > 61°C | |
| VOC content (max.): | 620 g/L | ChemVOCFarbV, Cat. A/h |

1.2.3. Colour

- Transparent.
- Decorative grain and colour enhancement and intensification on light-coloured woods. 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.
- Ensure constructive wood preservation and wood quality free from blue stain, match chemical wood preservation to DIN 68800 Part 3 with coating system and resistance class.

2.2. Brief information on the standard system

- **Lacquering on dimensionally stable and high visual quality wood (windows, external doors):**
 - Prime with AGLAIA Wood Primer
 - Intermediate coat with AGLAIA Undercoat
 - 2 opaque coats of AGLAIA Weather Protection Lacquer or AGLAIA Interior Lacquer.
- **On other woods, e.g. timbering, as required:**
 - Prime with AGLAIA Wood Primer
 - 2 – 3 coats with AGLAIA Weather Protection Lacquer, AGLAIA Exterior Wood Glaze or AGLAIA Interior Lacquer
- **In interiors for treating exposed wood, solid wood furniture and wooden parquet:**
 - Prime with AGLAIA Wood Primer
 - 2 coats with, e.g. AGLAIA Wood Glaze, AGLAIA Hard Resin Oil or AGLAIA Resin Oil Protection.

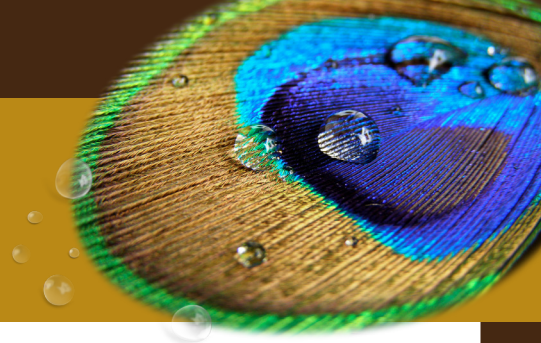
2.3. Substrate and preparatory treatment

• Wood:

Sand down absorbent, raw or non film-forming impregnated wood and prime with AGLAIA Wood Primer. Apply thick, saturating coat. Completely sand off crumbly, weathered wood that has turned grey, or replace it. Maximum wood moisture for softwood 15%, for hardwood 12%. Remove grease, resin and wax thoroughly with AGLAIA Balsam Lacquer Thinner. Resin-

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rich exterior wood (e.g. larch) tends to resin flux in the heat; take into account on the south side of buildings. Always try out on a test area of oak (tannic acid!) and tropical wood species (discolouring, drying-delaying constituents!) beforehand. Pay particular attention to suitability for exterior use and the relevant coating guidelines of the supplier. Prime the rear of exterior panelling as well due to warpage if moisture is absorbed. Ensure back ventilation. Remove weathered, cracked, loose and flaking old lacquer, acrylic or synthetic resin-based coats pore deep by sanding down or blast cleaning. Adherent, firm oil and alkyd resin coatings: sand the surface thoroughly and if necessary coat with caustic lye. Coat directly with AGLAIA Undercoat; coat only rough, absorbent wood with AGLAIA Wood Primer. Prime structural timber and dimensionally stable structural members (windows!) on all sides before installation and additionally precoat once with AGLAIA Undercoat. Check putty and sealing joints and make good if necessary. Note and follow DIN 18356 for all parquet work. Use AGLAIA Penetrating Primer for wood-based materials (OSB, particleboards, MDF). Because of the odour, do not coat the insides of cupboards and drawers with AGLAIA Wood Primer, coat only with AGLAIA Rapid Wood Primer W.

- **Unsuitable substrates** are wood installed horizontally or sloped and slightly exposed to the weather as well as mechanically stressed wood and wood in contact with the soil. Note constructive and possible chemical wood preservation according to DIN 68800 Part 3. Try out on a test area of tropical woods and oak.
- **Defective substrates** require a differentiated approach, try out on a test area on site.

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 that the product is used by qualified persons only.

- Carefully cover surfaces which are not to be treated – especially floors, windows, furniture, expansion joints and hardware – and protect them from splashes.
- Shake up canister before use.
- Provide personal protective equipment.
- Ensure sufficient qualified workers and smooth, uninterrupted coating process.
- Do not use in wet conditions, if there is a risk of frost, on chilled through or heated surfaces or in the blazing sun.
- Minimum application temperature: +8°C.
- Ensure sufficient ventilation (purge ventilation) and heat (room temperature) for drying, handle fresh coatings carefully.
- Drying time per coat: in normal climate is ready to sand and coat over after 24 hours.
- Only paint over dry coats. Tack-free in normal climate after several days, avoid excessive coat thicknesses and gluing up/ clogging, e.g. in door rebate.
- Protect fresh exterior coatings from the rain; hang up scaffolding sheeting in front of the surface worked on.

2.4.2. Application

AGLAIA Wood Primer is sold ready-to-use and is applied unthinned by brushing, spraying, flow coating or immersing.

- Saturate the wood well, after around 20 minutes carefully use a brush to spread excess coating on the surface. Also brush out well on rough and cracked wood.
- Excess surface material must also be carefully removed from horizontal surfaces and pockets with a brush and / or compressed air if using spray methods, immersion or flow coating. Do not allow any "lakes", surplus material or runs and sags to dry on. A sample application is advisable.
- Note the risk of auto-ignition in extractor filter mats in case of oily overspray.
- Carefully sand down shiny patches after drying; they cause adhesion imperfections and drying delays.
- Before applying the following coating sand the surface until finely matt (grit size approx. 240), especially on swellable and rough wood and in case of dust inclusion and glossy excess surface material.

2.5. Auxiliary products

- AGLAIA Balsam Lacquer Thinner, for substrate and tool cleaning.

3. Application Rate and Container Sizes

The application rate, i.e. the quantity required for planed softwood is approx. 0.08 L AGLAIA Wood Primer per m². Determine additional application rate on rough-sawn wood by trying out on a test area.

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

4. Cleaning

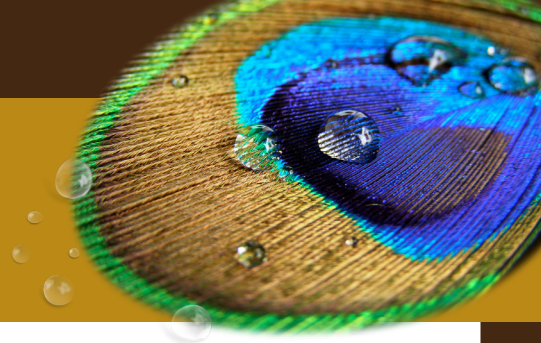
Use AGLAIA Balsam Lacquer Thinner to thoroughly clean equipment, tools and soiled clothing immediately after use.

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.

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6. Safety Instructions

- Comply with the EC Safety Data Sheet. Avoid contact with skin and eyes. Repeated exposure may cause skin dryness or cracking. Repeated contact may cause allergic reactions in people who are particularly sensitive. For details of product composition refer to AGLAIA full product declaration. Even natural products are not free from emissions. Ensure sufficient ventilation and heat. Do not occupy rooms until they are through-dry and all odours have dissipated. Do not breathe vapour / spray. Do not breathe sanding/grinding dust and spray. Protect the surroundings from splashes. No smoking, keep away from sources of ignition. Keep out of the reach of children. Avoid release into the environment. Obtain special instructions / refer to the safety data sheet for advice. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Cleaning cloths and other contaminated materials constitute a potential fire hazard. After use, collect in closed, non-flammable containers and dispose of safely. Dispose of product residues in accordance with the legal regulations.
- Waste code (EWC code): 080111

7. Declaration

This technical information is offered as advice based on our knowledge and practical experience. All information and tips are provided without guarantee and do not establish rights to make any claims of any kind whatsoever. The information provided does not release the user from their responsibility to check the product's suitability and application method for the specific substrate on which it is to be used. Subject to change without notice as part of our product development. Additives for tinting, thinning, etc. are not permitted. Check the colours before use. This information sheet becomes invalid automatically when a new edition is issued. The information in the current version of the EU Safety Data Sheets is binding for classification according to the Hazardous Substances Regulations, disposal, etc.

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