

AGLAIA Pore Filler

Oil primer for decorative wood surfaces, furniture, cork and stone floors. Further treatment with AGLAIA waxes

1. Product Properties

Slurry, transparent oil primer for porous, absorbent substrates in domestic areas, which are then waxed. Suitable substrates are planed exposed wood surfaces, wooden plans, shuttering, shelving and furniture fronts. Also advisable for cork floors, unglazed stone and cotto tiles. Further treatment with AGLAIA Liquid Wax or AGLAIA Furniture Wax. Try out on a test area before applying on tropical wood, oak and wood-based materials. Recommendation for wooden floorings, parquet, bathroom or kitchen furniture, work plates etc.: AGLAIA Hard Oil.

1.1. Composition

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

1.2. Technical properties

1.2.1. Overview

- Use on interior surfaces
- Classic oiling and waxing
- Pleasant to touch
- Outstanding penetrability
- Saturates highly absorbent, porous substrates
- Water repellent, but vapour permeable
- Efficient to use

1.2.2. Important building physics characteristics

| Parameter | Value | Conformity |
|--|------------------------------|---|
| Density _{20°C} : | 0.85 kg / L | |
| Viscosity _{20°C} : | approx. 38 s (3 mm flow cup) | ISO 2431 |
| s _d value (H ₂ O): | < 0.50 m | |
| Flash point: | > 61 °C | |
| VOC content (max.): | 570 g / L | Directive 2004/42/EC (limitation of VOC emissions of paints and lacquers), Cat. A / h |

1.2.3. Colour

- 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.
- Use only on porous, absorbent substrates.

2.2. Brief information on the standard system

- Prepare surface professional by cleaning/dewaxing, sanding/grinding and dedusting.
- Saturating priming with AGLAIA Pore Filler. Remove surface excess after 10 – 20 minutes by brush or a rolled-up cloth. Prime again on very porous, absorbent substrates and remove surplus carefully.
- Final treatment after at least 24 hours with AGLAIA Liquid Wax or AGLAIA Furniture Wax.

2.3. Substrate and preparatory treatment

• **Wood, wood based materials:**

Maximum wood moisture according to manufacturer's information or 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!) and tropical woods (discolouring and drying-delaying constituents!) always try out on a test area and check suitability and drying. Sand down greyed and crumbly wood. Use AGLAIA Pore Filler only on absorbent, porous substrates. Use oily primers only in continuously ventilated parts of buildings due to odour emissions, coat the insides of cupboards, drawers and chests only with AGLAIA Rapid Wood Primer W. Wood based materials: Prime with AGLAIA Pore Filler until saturated in 1 – 2 steps, remove excess product. Ideal for compact surfaces. Avoid surplus material in joints and voids (OSB!), causes stickiness and odour emission.

• **Cork, unglazed stone and cotto tiles:**

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 Pore Filler on all sides prior to installation. Tiles that have been already installed should be primed with AGLAIA Pore Filler prior to jointing and acidification.

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Wash off cement residues without drenching tiles. Allow to dry the floor on a balanced humidity before applying AGLAIA Pore Filler on full surface and subsequent AGLAIA Liquid Wax. Make samples on critical surfaces. Adhere cork professional, grind or sand overlaps evenly. Fill joints with a paste made of AGLAIA Pore Filler and abrasive cork dust. Sand glossy spots after drying until dull-matt. Further treatment with AGLAIA Pore Filler on absorbent, matt areas. Apply AGLAIA Liquid Wax only on surfaces which are uniformly saturated by AGLAIA Pore Filler with a satin look. Carefully sand dust inclusions, arising grains etc.

- **Unsuitable substrates** are surfaces exposed to the weather, high mechanical stress, moistness or dirt, e.g. kitchen or bathroom furniture. Tropical woods, oak and wood-based materials: try out on a test area. Cotto and stone tiles has to be free of efflorescence and should only be used on dry basements.
- **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.
- Carefully cover surfaces which are not to be treated and protect them from splashes.
- Provide personal protective equipment.
- Before use stir or shake container thoroughly.
- Only use containers from the same production batch to coat self-contained areas. Ensure sufficient qualified workers and smooth, uninterrupted coating process.
- 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.
- Drying time: in normal climate is ready to sand and coat with wax at least after 24 hours. Lengthy drying times before the wax treatment is applied are advantageous. Handle fresh coatings carefully, keep of moisture, dust and dirt.
- Only wax dry coats. Tack-free in normal climate after several days, avoid excessive coat thicknesses and logging, e.g. in joints.

2.4.2. Application

- AGLAIA Pore Filler 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".
- Do not let material run into voids and joints. Coat plank by plank. Ensure uniform saturation.
- If glossy surplus product remains after drying, sand it carefully until matt. Re-treat absorbent patches so that a uniform, satin finish saturated surface is achieved after drying and before applying the wax.
- Apply one or several coats depending on the application method and porosity of substrate.
- 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.

2.5. Auxiliary products

- AGLAIA Liquid Wax: suitable for machine application on large-scale areas, e.g. cork floors and wooden sidings.
- AGLAIA Furniture Wax: for manual application on furniture and shelves.

3. Application rate and Container Sizes

Highly dependent on the absorbency of the substrate: from approx. 0.06 L on hardwood to over 0.15 L on cork per m². Determine application rate beforehand by trying out on a test area, also if saturation needs 1 – 2 passes.

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.

May cause sensitisation of susceptible persons. Repeated exposure may cause skin dryness or cracking. 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.

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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: 080111

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.