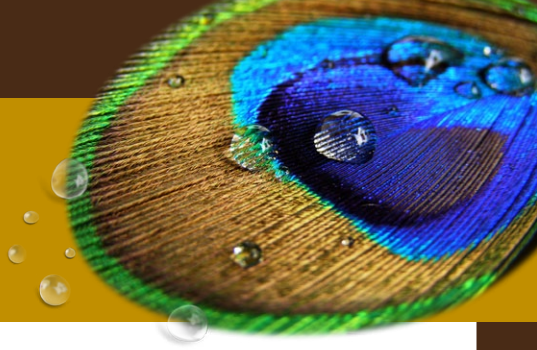
Pore Filler

Primer oil for parquet, stone tiles and cork for further treatment with AGLAIA waxes



1. Product Properties

Slurry primer oil for porous, absorbent substrates in domestic areas, which are then waxed. Suitable substrates are planed exposed wood, parquet floorings, wooden plans, shelving and furniture fronts. Also advisable for wood-based materials, cork floorings and unglazed Cotto and stone tiles. Further treatment with AGLAIA Liquid Wax or AGLAIA Furniture Wax.

1.1. Composition

- Linseed oil, vegetable stand oils and tree resins
- Natural waxes
- Aromatic compound-free solvent
- Free from plasticisers, synthetic resins and microwaxes
- "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 vapour permeable
- Efficient to use

1.2.2. Important building physics characteristics

Parameter	*Value*	*Conformity*
Density $_{20°C}$:	0.85 kg / L	
Viscosity:	38 s	3 mm flow cup ISO 2431
s_d value (H_2O):	< 0.5 m	
Flash point:	> 61°C	
VOC content (max.):	570 g / L	ChemVOCFarbV (Regulations limiting VOC emissions of paints and lacquers), Cat. A / h

1.2.3. Colour

- Transparent.
- Decorative grain and colour enhancement and 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

- One or two saturating priming coats, however without excess product on the surface, with AGLAIA Pore Filler.
- Final treatment with AGLAIA Liquid Wax or AGLAIA Furniture Wax.

2.3. Substrate and preparatory treatment

- ***Wooden parquet, wood block, wooden plank floorings; exposed wood, solid and veneered wood, shelving:***
  Note and follow VOB DIN 18356 and 18367 respectively for parquet and wood block work. 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, pore deep, especially if renovating parquet. On oak (tannic acid!) and topical woods (discolouring and drying-delaying constituents!) always try out on a test area and check suitability and drying. Lay flooring properly and sand. Sand down greyed and crumbly wood. Use AGLAIA Pore Filler only on absorbent, porous substrates. Apply thick, saturating coat to substrate and remove excess product (as described under Application). 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.

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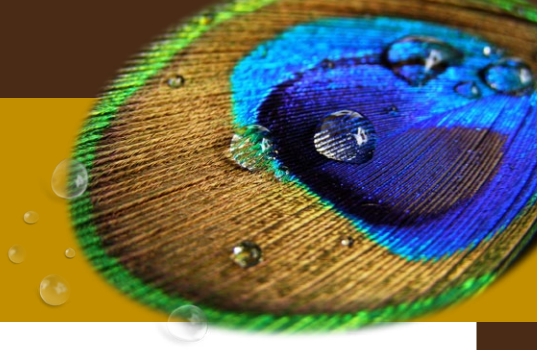

- ***Cork, unglazed Cotto and stone tiles:***
  Prime with AGLAIA Pore Filler until saturated, remove excess product. Sand shiny patches until matt, treat absorbent patches as described under Application. Fine intermediate sanding, especially important for cork. Seal joints with a paste made up of AGLAIA Pore Filler and cork powder. Where possible, before laying stone tiles coat on all sides with AGLAIA Pore Filler. Do not joint and acid wash freshly laid stone tiles until after priming them with AGLAIA Pore Filler, to avoid pore-deep dirt in the stone tiles. Wash off cement cement residue thoroughly, do not drench the tiles. After drying saturate stone tiles and cement joints once again uniformly with AGLAIA Pore Filler. Do not apply finishing coat of AGLAIA Liquid Wax until a uniform, satin matt and through-dried surface has been achieved with AGLAIA Pore Filler.
- ***Wood-based materials (OSB, particleboards, MDF):***
  Apply thick saturating priming coat, without surplus product, with AGLAIA Pore Filler on compact surfaces. Avoid surplus material in joints and voids (OSB!).
- ***Unsuitable substrates*** are substrates highly exposed to the weather, mechanical stresses or moisture and substrates in contact with the soil. 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 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.
- 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.
- Minimum application temperature: +18°C.
- Ensure sufficient ventilation (purge ventilation) and heat (room temperature) for several days for drying.
- Drying time per coat: in normal climate is ready to sand and coat with wax after 24 hours. Handle fresh coatings carefully. Lengthy drying times before the wax treatment is applied are advantageous.
- Only coat over or cover dry coats. Tack-free in normal climate after several days, avoid excessive coat thicknesses and gluing up/clogging, e.g. in parquet joints.

2.4.2. Application

AGLAIA Pore Filler is sold ready-to-use and is applied unthinned by brushing, rolling, spraying, flow coating, immersing or with a jute cloth.

- Apply a thick, saturating coat on the substrate, after around 20 – 30 minutes remove and spread surplus product carefully with brush, pad, rubber wiper (water wiper) or jute cloth, the surface must now be "dry to the touch".
- Do not let material run into voids and joints, e.g. of old wooden plank floorings, coat these plank by plank. Ensure uniform saturation, especially when using on parquet, cork, stone tiles and exposed wood.
- 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 substrate.
- Before applying further coatings, finely sand surface, especially on cork and wood-based materials.
- Store and dispose of impregnated cleaning cloths, pads and jute cloths in closed, airtight metal container due to risk of auto-ignition.

2.5. Auxiliary products

- AGLAIA Balsam Lacquer Thinner: for substrate and tool cleaning.
- AGLAIA Liquid Wax: suitable for machine application on stone, parquet and cork floorings.
- AGLAIA Furniture Wax: for jute cloth application on furniture and exposed wood.

3. Application Rate and Container Sizes

Highly dependent on the absorbency of the substrate: from approx. 0.07 L on hardwood to over 0.17 L on cork, wood block and stone tiles per m^2. Determine application rate beforehand by trying out on a test area.
Container sizes: 0.25 L / 1 L / 3 L / 10 L

4. Cleaning

Clean equipment, tools and soiled clothing thoroughly with AGLAIA Balsam Lacquer Thinner immediately after use.

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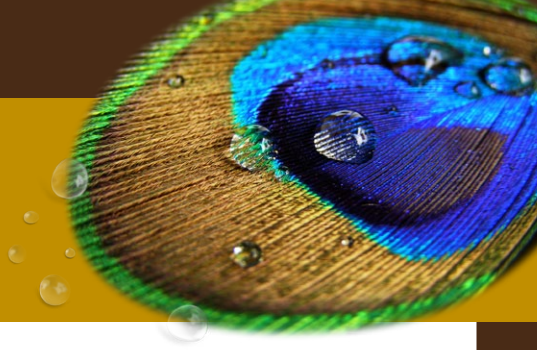

5. Storage

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

6. Safety Instructions

- Comply with the 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 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 Safety Data Sheets is binding for classification according to the Hazardous Substances Regulations, disposal, etc.

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AGLAIA® Natural Paints