

AGLAIA Interior Wood Glaze, Satin Matt

Satin matt natural resin oil glaze for interior use, colourless or tinted

1. Product Properties

Wood finish for decorative interior wood surfaces, such as wall and ceiling panelling, interior doors and furniture fronts. Also suitable for use in sanitary units, on shelving, kitchen and bathroom furniture, if subsequently coated over with transparent hard oil. 17 standard glazed pigmentation colours as well as colourless. Contains vegetable oils, which absorb oxygen on drying and interlink to form a highly diffusible and waterproof film. The combination with UV-resistant, finely ground mineral pigments enables particularly thin layered and economical application. The pure vegetable oils are CO₂-neutral and are integrated in natural cycles. Recommended in building biology terms.

1.1. Composition

- Boiled concentration of refined linseed oil and vegetable stand oils
- Aromatic compound-free solvents, essential oils
- Mineral pigments: lightfast and of natural origin
- Free from synthetic resin and plasticisers, biocides and preservatives
- "Transparent recipe": see AGLAIA full declaration

1.2. Technical properties

1.2.1. Overview

- Use on interior surfaces
- Economical and easy to process
- Open pored, diffusible and moisture regulating
- Can be coated over practically an unlimited number of times
- Maximum lightfastness and colour resistance thanks to pure mineral pigmentation
- Free from active ingredients, ensure blue stain free wood quality

1.2.2. Important building physics characteristics*

Parameter	Value	Conformity
Density 20°C:	0.95 kg / L	
Viscosity 20°C:	approx. 36 s (3 mm flow cup)	ISO 2431
s _d value (H ₂ O):	< 0.50 m	
Gloss level at 85°:	Medium gloss, satin matt	EN ISO 2813
Flash point:	61 °C	
VOC content (max.):	400 g / L	Directive 2004/42/EC (limitation of VOC emissions of paints and lacquers), Cat. A / e

*Values depend on colour

1.2.3. Colour

- 17 standard colours and colourless-clear. Can be mixed together as required
- The wood's natural colour also determines the final colour. Try out on a test area of original woods

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/VOB/C DIN 18363 with coating system and resistance class.

2.2. Brief information on the standard system

- Prime raw wood with AGLAIA Wood Primer or AGLAIA Rapid Wood Primer W.
- Then apply at least 1 - 2 glaze coats of AGLAIA Interior Wood Glaze as required.

2.3. Substrate and preparatory treatment

• Wood:

Sand down absorbent, raw or non film-forming impregnated wood and prime with AGLAIA Wood Primer (universal and water proof) or with AGLAIA Rapid Wood Primer W (water based). Completely sand off crumbly wood that has turned grey, or replace it. Maximum wood moisture for softwood 15 %, for hardwood 12 %. Wash off grease, resin and wax thoroughly with AGLAIA Balsam Lacquer Thinner. Always try out on a test area of oak (tannic acid!) and tropical wood species (discolouring, drying-delaying constituents!) as well as wood-based materials beforehand. Pay particular attention to suitability and the relevant coating guidelines of the supplier. Prime with AGLAIA Wood Primer. Remove cracked, loose and flaking old lacquer or synthetic resin-based coatings pore deep by sanding down. Adherent, firm oil and alkyd resin coatings: sand the surface thoroughly and degrease with e.g. caustic lye. Thoroughly remove

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remainders from paint strippers. Remove scratches or dents by grinding or sanding and smoothen with filler. Before installation, primer all sides of structural timbers and also glaze once. Prime the rear of panelling in wet rooms too in order to avoid warpage if moisture is absorbed. Ensure back ventilation. Because of the odour, do not use oil lacquers or oily primers on the insides of cupboards and drawers. Coat insides only with AGLAIA Rapid Wood Primer W and only glaze the exterior or front of furniture.

- **Unsuitable substrates** are surfaces highly exposed to mechanical stresses or moisture. Tropical woods, oak and wood based materials: try out on a test area. Plasto elastic, weak adhesion and brittle old glazes, e.g. acrylic-based, cannot be coated over.
- **Defective substrates** require a differentiated approach; try out on a test area.

2.3.1. Maintenance and follow-up treatment:

Clean glaze surfaces gently with mild soapy water only and without aggressive abrasives or abrasive sponges and then dry, avoid standing water and dried on product. Follow-up treatment is possible at any time by finely sanding/grinding the surface and glazing over. Thoroughly wash off greasy dirt first using soapy water and if necessary solvent. Remove scratches by sanding/grinding and fill. Take into account the slower through drying, less surface hardness and scratch resistance of oil glazes compared to synthetic resin lacquers, for example on furniture exposed to high wear. Not very suitable for worktops or in the splashing water area of bathrooms and kitchens.

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.
- Carefully cover surfaces which are not to be treated – especially glass, window sills, expansion joints, lacquer, plastics and hardware – and protect them from splashes.
- Provide personal protective equipment.
- Only coat self-contained areas with containers of product from the same production batch. Ensure a smooth, uninterrupted coating process. Check the colours before use.
- Ensure visually uniform coating surfaces, especially for renovation coatings.
- Do not use in wet conditions or on hot surfaces.
- Minimum application temperature: +16°C. Ensure ventilation and heat (room ambient temperature), handle fresh coatings carefully. Drying time per pass: in normal climate is ready to glaze over after at least 24 hours. Only glaze over dry coats. Tack-free in normal climate after several days, avoid excessive coat thicknesses and gluing up/clogging, e.g. in door rebate.

2.4.2. Application

- Apply AGLAIA Interior Wood Glaze with a flat brush or a spraying method (low-pressure, high-pressure, air-mix).
- Before use, thoroughly stir AGLAIA Interior Wood Glaze down to the bottom of the container.
- Apply as an absolutely thin coating, smoothly, seamlessly and uniformly in the direction of the grain. Delayed drying if applied too thickly and/or non-uniformly. Ensure a streak-free and seamless glazed surface finish.
- Avoid excessive coat thicknesses, spread out well including on rough substrates.
- If necessary, thin first coat with up to 3 % AGLAIA Balsam Lacquer Thinner, especially on absorbent and rough substrates and if using a spray coating method. Also thin further glaze coats if necessary.
- 1 – 2 topcoats in the same colour with AGLAIA Interior Wood Glaze with at least 24 hours between each coat.
- In case of dust inclusions and a long time before the following coat (> 1 week), finely sand, remove dust and glaze over.
- Also avoid excessive coat thicknesses if using spray coating method; carefully spread excess material on the surface with a brush. Do not allow any "lakes", fat edges or runs and sags to dry on the surface, especially on horizontal surfaces and in recesses. A sample application is advisable. Note the risk of auto-ignition in extractor filter mats in case of oily overspray.
- Special technique: Stain-like application is also possible on decorative exposed wood that is not exposed to direct mechanical stresses or use. In this case remove the excessive glaze with a rolled up cloth after around 10 minutes, so that only colouring of the wood grain remains.

3. Application rate and Container Sizes

The application rate, i.e. the quantity required for use on planed softwood is approx. 0.07 L per m² and pass. Determine additional application rate on rough-sawn wood by trying out on a test area. Brush out thinly on rough substrates too.

Container sizes: 0.25 L / 0.75 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

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Stored in original container, tightly closed, can be kept for at least 18 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. 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.