

Interior Wood Glaze, Satin Matt

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

Wood finish for interior exterior wood surfaces, such as wall and ceiling panelling, panels, interior doors and furniture fronts. Low resistance to water vapour diffusion. Also suitable for use in sanitary units, on shelving, kitchen and bathroom furniture, if subsequently coated over with transparent oil seal. 17 standard glazed pigmentation colours as well as colourless.

1. Product Properties

As a classic oil glaze contains vegetable oils, which absorb oxygen on drying and interlink to form a 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 linseed oil and vegetable stand oils
- Aromatic compound-free solvent
- Glazed mineral pigments: lightfast and of natural origin
- Matting with silicic acids
- Free from plasticisers and synthetic resins
- "Transparent recipe": see AGLAIA full declaration

1.2. Technical properties

1.2.1. Overview

- Use on interior surfaces
- Non-vapour retarding, moisture regulating
- Subtle, natural surface effect
- High yielding and efficient to use
- Can be coated over practically an unlimited number of times
- Maximum lightfastness and UV-resistance thanks to pure mineral pigmentation
- Free from active ingredients, ensure blue stain free wood quality
- Perspiration and saliva-fast to DIN 53 160/EN 71 Part 3

1.2.2. Important building physics characteristics*

Parameter	Value	Conformity
Density 20°C:	approx. 0.95 kg / L	
Viscosity:	approx. 34 s	3 mm flow cup ISO 2431
s _d value (H ₂ O):	< 0.5 m	
Gloss level at 85°C:	medium gloss, satin matt	EN ISO 2813
Flash point:	> 61°C	
VOC content (max.):	400 g/L	ChemVOCFarbV (Regulations limiting VOC emissions of paints and lacquers), Cat. A/e

* Values depend on colour

1.2.3. Colour

- 17 standard colours as well as colourless, each satin matt.
- 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.

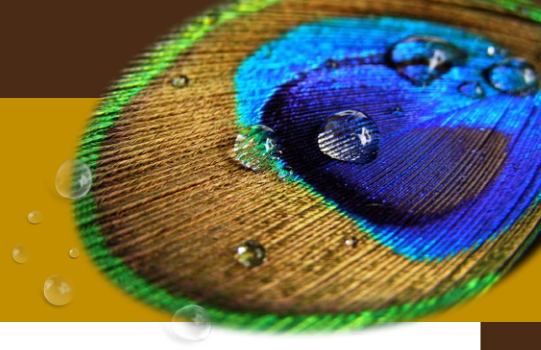
2. Use

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, if used on load-bearing, stiffening or bracing structural elements match chemical wood preservation to DIN 68800 Part 3 / VOB / C DIN 18363 with coating system and resistance class.

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2.2. Brief information on the standard system

- Coat rough wood with AGLAIA Wood Primer (universal) or AGLAIA Rapid Wood Primer W (water thinnable). Prime wood-based materials (OSB, particleboards, MDF) with AGLAIA Penetrating Primer.
- Then 1 – 2 glaze coats, depending on requirement, of AGLAIA Interior Wood Glaze.

2.3. Substrate and preparatory treatment

• Wood:

Sand down absorbent, rough or non film-forming impregnated wood and prime with AGLAIA Wood Primer or AGLAIA Rapid Wood Primer W (water thinnable). Apply thick, saturating coat. Completely sand off crumbling, weathered 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. Resin-rich wood (e.g. larch) tends to resin flux in the heat. 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 (OSB, particleboards, MDF) beforehand. Pay particular attention to suitability as well as the relevant coating guidelines of the supplier. Remove cracked, loose and flaking old lacquer or synthetic resin-based coatings pore deep by sanding down. Adherent, firm oil and alkyd resin glazings: sand the surface thoroughly and coat with caustic lye. Prime the rear of panelling in wet rooms as well due to warpage if moisture is absorbed. Ensure back ventilation. Before installation, prime all sides of structural timbers and additionally glaze once. For furniture making, because of the odour, do not coat the insides of cupboards and drawers with oily wood glazes or primers, coat only with AGLAIA Rapid Wood Primer W. Only coat furniture fronts and external furniture surfaces with AGLAIA Wood Glaze.

• Wood-based materials (OSB, particleboards, MDF):

Prime with AGLAIA Penetrating Primer for consolidation and isolation of water-soluble, leaching constituents that could bleed through. Then 1 – 2 glazing coats of AGLAIA Interior Wood Glaze. Note and follow the manufacturer's instructions, try out on a test area.

- **Unsuitable substrates** are surfaces highly exposed to mechanical stresses, dirt or moisture. Take into account the slower through-drying, lower surface hardness and scratch resistance of oil glazes compared to synthetic resin coatings. Not very suitable for worktops or in the splashing water area of wet rooms. Satin matt surfaces are generally sensitive to dirt and attrition. Tropical woods, oak and wood-based materials: try out on a test area. Plastoelastic, weak adhesion and brittle glazes, e.g. acrylic-based, cannot be coated over.

- **Defective substrates** require a differentiated approach, try out on a test area on site.

2.3.1 Maintenance and follow-up treatment

Always clean glaze surfaces carefully with mild soapy water, without aggressive abrasives or abrasive sponges. Clean with a damp cloth and dry, avoid standing water and overcoating coats that have already begun to dry. Follow-up treatment is possible at any time by finely sanding the surface and glazing over it. Thoroughly wash off greasy dirt beforehand using soapy water or solvent. Remove scratches by sanding finely.

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 glass, window sills, expansion joints, lacquer, plastics and hardware – and protect them from splashes.
- Provide personal protective equipment.
- Only glaze self-contained areas with material from the same batch. Ensure sufficient qualified workers and smooth, uninterrupted coating process. Check the colours before use.
- Ensure visually uniform coating surfaces, especially for renovation coatings.
- Do not use in wet conditions, on heated or chilled through surfaces.
- Minimum application temperature: +8°C.
- Ensure ventilation (purge ventilation) and heat (room temperature), handle fresh coatings carefully.
- Drying time per coat: in normal climate is ready to sand and coat over after 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.

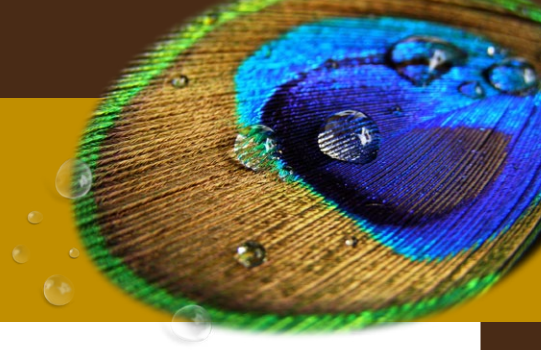
2.4.2. Application

Apply AGLAIA Interior Wood Glaze with a flat brush or a spray coating method (low-pressure, high-pressure, air-mix).

- Before use, stir AGLAIA Interior Wood Glaze carefully down to the bottom of the container.
- Apply as an absolutely thin coating, smoothly, seamlessly and uniformly in the direction of the grain or figure. 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.

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- 1 – 2 glaze passes with AGLAIA Interior Wood Glaze in the same colour with at least 24 hours between each coat.
- In case of dust inclusions and a longer times between the coats (> 1 week), finely sand the surface and remove dust first before glazing over.
- Avoid excessive coat thicknesses if using spraying methods too, spread excess material carefully using a brush. Especially on horizontal surfaces and pockets, do not allow any “lakes”, thick edges or runs and sags to dry on the surface. A sample application is advisable. Note the risk of auto-ignition in extractor filter mats in case of oily overspray.
- 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 jute cloth after around 10 minutes, so that only colouring of the wood grain or figure remains. Subsequent transparent sealing with AGLAIA Resin Oil Protection is recommended.

2.5. Auxiliary products

- AGLAIA Wood Primer: universal oil primer for absorbent wood.
- AGLAIA Rapid Wood Primer W: water-thinnable interior wood primer.
- AGLAIA Balsam Lacquer Thinner: thinner and for substrate and tool cleaning.
- AGLAIA Resin Oil Protection: satin matt transparent seal for, e.g. kitchen furniture.

3. Application Rate and Container Sizes

The application rate, i.e. the quantity required for use on planed softwood is approx. 0.07 L AGLAIA Interior Wood Glaze per m² and pass. Determine additional application rate, e.g. 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

Stored in original container, tightly closed, can be kept for at least 18 months. Close opened containers airtight. Remove any skin that has formed, do not stir into the product. Never pour the product 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.

Officiële importeur Nederland: EcoVerf
Tel. +31 (0)6 19 40 29 26
info@eco-verf.nl
www.eco-verf.nl

Fabriek: BEECK'sche Farbwerke
Louis Gnatz GmbH
Gottlieb-Daimler-Strasse 4
D-89150 Laichingen