AGLAIA® Natural Paints

AGLAIA Hard Wood Lye

Aqueous preparation for wood finishing in indoor applications, ideal for light hard woods

1. Product properties

Ready-to-use bleaching and finishing agent for light deciduous or hard woods such as maple, ash, beech, etc. Suited for floors, walls, ceilings, doors, furniture, etc. After testing, can also be suited for coniferous woods that need to brighten up. The yellowing process of wood is suppressed, thus maintaining the light character of finishes. Post-treatment with AGLAIA wood soap *white* gives the surface a white-washed finish; post-treatment with AGLAIA wood soap *natural* almost fully preserves the original appearance of the wood. Alternative finish treatment with AGLAIA hard oil *pro* for high-wear surfaces.

1.1. Composition

- Water, citric acid, wetting agents
- Mineral-based white pigment
- Free of synthetic resins and softeners
- Solvent-free, low emissions and VOC
- "Glassy recipe": see AGLAIA full declaration

1.2. Technical properties

1.2.1. Overview

- Used for interior applications
- Aqueous, adjusted ready-to-use
- Maintains the light tone of wood, ideal for light view wood surfaces
- Resistant to foot traffic, tactile-friendly, and subtle
- Fast-drying with low odor
- Resists yellowing, minor grain accentuation or change of tonal depth
- Valuable for room climate, open-pored, and diffusion-capable
- Recommended construction-biological substance

1.2.2. Important construction characteristic values

Parameter	*Value*	*Conformity*
Density $_{20°C}$:	approx. 1.02 kg / L	
pH value$_{20°C}$:	2 – 3	
Viscosity $_{20°C}$:	< 20 s	DIN 4 mm viscosity cup
VOC content (max.):	< 0.1 g / L	ChemVOCFarbV

1.2.3. Color hue

- White-pigmented with bleaching effect; testing is mandatory on original woods to determine surface effect.

2. Processing

2.1. Substrate requirements

- The substrate must be clean, dry, and solid. It must also be free of efflorescent substances and release agents.
- Use only on untreated, absorbent, and water-wettable wood that is free of grease, oil, and wax.

2.2. Abbreviated information for standard application

- Use acid-resistant roller or brush to apply one to two even, saturated coats in grain direction. Wait at least 24 hours before brushing off the surface with beige or green pad, or sanding with 120-180 grain, then vacuum. Test processing method including finish treatment on workpiece.

2.3. Substrate and pretreatment

- ***Wood (solid wood), parquet:***

Professionally install parquet, wood floor, etc. Prepare wood surface with smooth finish sanding and carefully remove dust. Completely sand off or replace soft and grayed over wood. Maximum wood moisture content: coniferous wood: 15%, hard wood: 12%. Throughly wash off grease, resin, and wax with AGLAIA Balsam lacquer thinner. Take note of optically uniform surfaces. Testing is mandatory on oak (tannic acid) and tropical woods (discoloring ingredients) and on engineered woods.

• ***Unsuited substrates*** include woods exposed to weather or to mechanical wear, or exposed to significant wetness and dirt.

BEECK'sche Farbwerke GmbH
Gottlieb-Daimler-Straße 4
D-89150 Laichingen

Tel.: +49(0)7333 9607-11
Fax: +49(0)7333 9607-10
www.aglaia.de

AGLAIA Hard Wood Lye

2.4. Processing instructions
2.4.1. General instructions
Test substrate suitability (see 2.1. and 2.3.). Note water-wettability, absorption capacity, strength, and texture of the relevant substrate. Test demanding and critical surfaces. Observe safety instructions and provide personal protective gear.

- Untreated surfaces must be carefully covered and protected against spray.
- Throughly shake or mix AGLAIA Hard Wood Lye before and during processing.
- Do not process on wet or heated up surfaces.
- Minimum processing temperature: +20°C.
- Drying time: in normal climate, dry after approx. 2 - 5 hours. Wait at least 24 hours before sanding, white-washing or oiling/waxing the bleached surface. Promote drying by providing airflow (airflow bursts) and heat (room temperature). Yellowish discoloration is possible if coated too soon.

2.4.2. Application
Repeatedly throughly shake or agitate AGLAIA Hard Wood Lye before and during processing. Apply an even, saturated coat with acid-resistant roller or brush. A second coat after letting the wood dry (approx. 2-5 hours) increases the bleaching effect. After complete drying (at least 24 hours) sand or brush off the surface by hand or with machine using a beige or green pad, 120-180 grain sandpaper, then vacuum thoroughly. Caution! Excessive sanding reduces the bleaching effect! Testing is mandatory.
Post-treatment: Depending on the desired finish and degree of wear, the bleached surfaces can either be left as-is or can be finished with AGLAIA Wood soap, AGLAIA Hard oil *pro* or AGLAIA Liquid wax.
Also note the AGLAIA care instructions for oiled floors.

3. Yield and container sizes
Consumption ranges between 0.10 – 0.13 L of AGLAIA Hard Wood Lye per m² on planed wood, corresponding to a yield of 8 - 10 m²/L. On high absorbent wood flooring, the consumption can be 3-4 times higher. Test specific consumption on original substrates on site.
Container sizes: 1 L / 5 L

4. Cleaning
Thoroughly clean tools, and soiled clothing with plenty of water immediately after use.

5. Storage
12-month shelf-life if stored in cool and frost-free conditions in air-tight, sealed original container.

6. Hazard notices, safety instructions, and disposal
Note EC safety data sheet. Safety data sheet available on request. Potential eye irritant! Keep out of reach of children. Wear protective gloves / protective clothing / eye protection / face protection.
Disposal in accordance with the official regulations.
Product waste code: 200114

7. Declaration
This technical information is intended to advise you based on our findings and practical experience. All notices are non-binding. They do not relieve the user from performing their own substrate-dependent tests for product suitability and processing method. Technical changes due to product development made without notice. Third-party additives for tinting, diluting, etc. are not approved. Test color prior to processing. This leaflet automatically expires when a revised edition is published. The details in the EC safety data sheets in their current version are binding for the classification as per hazmat directive, disposal, etc.

BEECK'sche Farbwerke GmbH
Gottlieb-Daimler-Straße 4
D-89150 Laichingen
Tel.: +49(0)7333 9607-11
Fax: +49(0)7333 9607-10
www.aglaia.de