

AGLAIA Soft Wood Lye

Aqueous preparation for bleaching soft wood in indoor applications

1. Product properties

Ready-to-use bleaching and finishing agent for coniferous wood / soft wood such as pine, fir, pitch pine, etc. Suited for floors, walls, ceilings, doors, and furniture. Following traditional craftsmanship practices employed for "lime wash finishes", the yellowing process of wood is largely inhibited thus preserving its appealing light character. Post-treatment with AGLAIA Wood soap *white* gives the surface a white-washed finish. Post-treatment with AGLAIA Wood soap *natural* or AGLAIA Liquid wax 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, lime putty, 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 brightness of wood, ideal for soft wood
- Resistant to foot traffic, tactile-friendly, and subtle
- Fast-drying with low odor
- Resists yellowing, minor graining 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} :	approx. 11.5	
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 alkaline-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: 12 % Thoroughly wash off grease, resin, and wax with AGLAIA Balsam lacquer thinner. Take note of optically uniform surfaces.

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

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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 splashes.
- Thoroughly shake or mix AGLAIA Soft Wood Lye before and during processing.
- Do not process on wet or heated up surfaces.
- Minimum processing temperature: +18°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 thoroughly shake or agitate AGLAIA Soft Wood Lye before and during processing. Apply an even, saturated coat with alkaline-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 level 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 Soft 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. Signal word: Caution. Causes serious eye damage. Keep out of reach of children. Read hazard label before use. Thoroughly wash hands after use. Wear protective gloves / protective clothing / eye protection / face protection. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present, and easy to do. Continue rinsing. Immediately call a poison center/doctor. If on skin: Wash with plenty of water.

Disposal in accordance with the official regulations.

Product waste code: 200115

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.