

## AGLAIA AQUASOL PRIMER

Water based, solvent-free natural penetrating primer for absorbent wood, both indoors and outdoors. Further treatment with AGLAIA AQUASOL WOOD GLAZE, AGLAIA AQUASOL OIL SEALER or AGLAIA AQUASOL HARD WAX. Exclusively made from natural raw materials.



### Ranges of Application:

AGLAIA AQUASOL PRIMER is ideal for priming absorbent wood indoors and outdoors such as wood siding, log cabins or wooden windows. Also for furniture, cork, parquet and toys. After drying, clear and non-swelling regarding water. Perfect primer for further treatment with diffusible, weather-resistant AGLAIA AQUASOL WOOD GLAZE. Can also be coated with AGLAIA OIL SEALER, glossy or satin-matt or treated with waxes when used indoors.

### Processing:

Thoroughly stir up AGLAIA AQUASOL PRIMER before use and apply with a long-bristle flat brush in a thin, but saturating coat in direction of grain. Recommendation: AGLAIA AQUASOL FLAT PAINTBRUSH. General use: undiluted. Only thin with 10 % water when applying to absorbent, rough wood. Carefully level out any excess primer using a brush. Despite milky appearance, dries to a transparent finish.

For spraying or flow coating, thin with about 15 % water and make sure to level out any excess primer with a brush.

Use only on untreated, absorbent, hydrophilic wood. Maximum wood moisture: 15 %, see Surface and Pretreatment.

### Technical Features:

AGLAIA AQUASOL PRIMER contains an extremely fine emulsion of plant oils and dammar resin in water. Contrary to other conventional water lacquers, free of synthetic preservatives, biocides, solvents, artificial resins and softeners. Water thinnable and easy to apply. Relatively high drying potential even without cobalt drying agents. Excellent penetration capacity thanks to the low-molecular oil content. After drying, non-swelling regarding water. Virtually non-yellowing and only slightly enhancing grain and pattern when used on light colored woods. The absorption capacity of the wood remains unaffected. Absolutely recommended from a biological and ecological building point of view for creating an agreeable room climate. Perspiration and spittle-resistant according to DIN 53 160 and EN 71.

Contains no biocides. Therefore, ensure the use of non-blueing woods and constructive wood protection. For load-bearing wood structures according to DIN 68 800 requirements, AGLAIA BORIC SALT IMPREGNATION is the right product.

### Physical/Technical Characteristics:

Density: 0.99 g/cm<sup>3</sup>

pH Value: 8

Efflux time (4 mm DIN / 20°C): 14 secs

### Color tone:

Milky, clear transparent when dry.

### Drying:

Under normal conditions, touch dry after 8 hours, safe to sand and coat after 24 hours. Minimum application temperature: 14°C.

### Yield:

On planed conifer wood: approx. 0.08 l per coat and m<sup>3</sup>. On rough wood or cork: considerably more.

### Available Sizes:

0.25 l, 0.75 l, 3 l and 10 l.

### Cleaning:

Clean appliances, tools and clothes with common laundry soap immediately after use. Soap and rinse well. Repeat until bristles are absolutely clean.

### Storage:

Lasts at least 12 months when stored cool and free of frost in the airtight sealed original container. Once opened, re-seal container airtight and use up as soon as possible. Thin only quantity needed with tap water.

### Composition:

Full declaration according to the quality standards of the Association for Natural Colors (AGN):

- [1]: Tap water, Dehydrated castor (stand) oil;
- [2]: Dammar resin, Wood (stand) oil, Refined linseed oil;
- [3]: Borax, Methylcellulose, Milk casein, Linseed oil soap, Tragacanth, Lavender oil, Thyme oil, Mn/Zr drying agents.

Explanation of Symbols:

- [1] ... Raw material rate in product > 10%
- [2] ... Raw material rate in product 1-10%
- [3] ... Raw material rate in product < 1%

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### Surface and Pretreatment:

#### General Requirements:

Use only on rough, absorbent, hydrophilic wood. Maximum wood moisture: 15 %. Carefully remove any grease, wax or resin remainders with AGLAIA BALSAM LACQUER THINNER. When hot, resin-rich wood tends to exude resin and can only tolerate coating to a limited extent. Sand both extremely rough and smooth woods. Completely sand off or strip flaking old coatings down to the bare wood. Carefully sand pretreated absorbent wood and make samples. Grey or spongy wood must be sanded down to the level of the pitting. Also make samples before applying to wood containing a substantial amount of tannic acid, oils or resins in particular oak or tropical woods because of possible discoloration and substances that may delay the drying process. Ensure proper laying of parquet and cork and observe the manufacturer's instructions. Water-swellable woods (e.g. beech) may reveal fine cracks after treatment with water based primer, therefore pretest.

Always use a prime coat on all raw wood surfaces on facades prior to installation, and to size-consistent components such as windows additionally apply an intermediate coat using AGLAIA AQUASOL WOOD GLAZE.

Treat wood formwork also on the backside to avoid distorsion caused by moisture take-up. Ensure ventilation at rear. Check joints of size-consistent woods. The interior of closets, drawers and chests should be primed using AGLAIA WOOD IMPREGNATION PRIMER only.

Wood based materials and chipboards contain water-soluble, bleeding substances and some are treated to become water-repellent. Therefore, make samples including finish coat.

### Further Treatment:

Outdoors, use diffusible, weather-resistant AGLAIA AQUASOL WOOD GLAZE. Available in 14 color tones for outdoors plus clear (01), glaze white (03) and gentian (18) for indoors only (see Color Chart). For indoor use, may also be coated using AGLAIA AQUASOL OIL SEALER, glossy or satin-matt and treated with AGLAIA AQUASOL HARD WAX, AGLAIA LIQUID WAX, AGLAIA FURNITURE WAX or AGLAIA SELF-GLOSSY WAX. Always fine-sand prior to further treatment (grit 240).

### Safety Instructions and Disposal:

► Hazard Class: not subject to identification requirements under Toxic Chemicals Ordinance/ EU Directive.

Cloths soaked in drying plant oils generate a risk of self-ignition. Therefore, always store in closed, airtight metal containers. Chemically sensitive and environmentally ill persons, please pay attention to the full declaration. Keep out of reach of children. Do not dispose of organic coatings into the sewage system. Disposal of product remainders according to legal regulations. Disposal of empty containers through resource collection points.

► Waste Code: Product and Product Remainers (European Waste Code): 080199 (Coatings).

It is our objective to provide, through this technical information, advice based on our skills and practical experience. Any instructions given are non-binding and do not release the user from his or her liability to check for product suitability and application methods him/herself with regard to the surface used. Technical modifications may result from product development. Upon publication of a revised or new version, these instructions will automatically lose their validity. The details contained in the EU Safety Data Sheets in their current form dictate liability for classification in terms of the Hazardous Substances Regulation, disposal etc.