

AGLAIA WOOD IMPREGNATION PRIMER

Water thinnable borax primer for untreated wood. Also suitable for indoor use as a glaze binder for wood. Exclusively made from natural raw materials.



Ranges of Application:

AGLAIA WOOD IMPREGNATION PRIMER is especially suitable for the protective priming of untreated wood against fungus and insect infestation in less vulnerable areas, e.g. wood based materials. For supporting wood structures according to DIN 68 800, first use AGLAIA BORIC SALT IMPREGNATION, then, as an intermediate leaching protection, treat with AGLAIA WOOD IMPREGNATION PRIMER.

AGLAIA WOOD IMPREGNATION PRIMER produces clear, non-yellowing base coats indoors and outdoors for further treatment with waxes, lacquers or glazes. When used indoors as a water thinnable glaze binder, it may also be pigmented to obtain most attractive, colored glazes. Also perfect for treating the inside of closets, chests and drawers.

Processing:

Thoroughly shake AGLAIA WOOD IMPREGNATION PRIMER before use and apply to saturation using a standard or a wide flat brush. Use undiluted on planed wood, diluted with 10 % water on rough wood. For application by spray gun, dilute with 10 % water and level out with a brush, if necessary. Only for use on untreated, absorbent wood. Maximum wood moisture: 16 %.

Use as a glaze binder:

Thin AGLAIA WOOD IMPREGNATION PRIMER with 10 % to 20 % water. Wet AGLAIA PIGMENTS in little AGLAIA FERMENTATION ALCOHOL, then stir into AGLAIA WOOD IMPREGNATION PRIMER. Because of possible incompatibility with earthen colors, make small samples first. Stir mixture well and sieve. Glaze in two or three thin coats, in direction of grain, using a soft, flat brush. Prepare rough wood by priming with clear AGLAIA WOOD IMPREGNATION PRIMER and remove protruding wood fibers through fine-sanding. A semi-covering white glaze base coat is obtained when adding 150 g Titanium White (No. 51) to 1 liter AGLAIA WOOD IMPREGNATION PRIMER. Thin with 200 to 400 cm³ water.

Technical Features:

AGLAIA WOOD IMPREGNATION PRIMER is a fast-drying, water thinnable, easy-to-use wood primer. Especially suitable for light, decorative woods as there is no color intensifying, i.e. no grain-raising effect. Absolutely non-yellowing and completely odorless after drying. The wood's absorption capacity remains unchanged. Recommended from a biological and ecological building point of view for creating an agreeable room climate. Fungus and insect-repellent due to alkali borates. When properly applied, alkali borates are non-hazardous to health and are not released into the room air (keyword: outgassing wood preservatives). Entirely free of heavy metal salts and synthetic biocides.

Physical/Technical Characteristics:

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|--------------------------------|------------------------|
| Density: | 1.05 g/cm ³ |
| pH Value: | 7.5 |
| Efflux time (4 mm DIN / 20°C): | 15 secs |

Color tones:

Yellowish-milky. Transparent when dry.

Drying:

Under normal conditions, touch dry after 2 hours, safe to sand and paint after 6 hours. Further treatment after drying to a maximum wood moisture of 15 %.

Yield:

On planed conifer wood: 0.10 l per coat and m².
On freshly sawn, rough wood: more.

Available Sizes:

0.25 l, 1 l, 3 l, 10 l, 30 l, and 200 l.

Cleaning:

Clean appliances, tools and clothes with water immediately after use.

Storage:

Lasts at least 12 months when stored cool and frost free in the airtight sealed original container. Once opened, re-seal container airtight and use up as soon as possible. If thixotropic after storage, heat in a water bath and thin with 15 % water.

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Composition:

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

[1]: Tap water; [2] Borax, Milk casein, Shellac;
[3] Thyme oil, Clove oil, Olein, Dammar resin, Citrus peel oil.

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%

Surface and Pretreatment:

General Requirements:

Only apply to rough, absorbent wood. Thoroughly remove any grease, wax or resin remainders with AGLAIA BALSAM LACQUER THINNER. Sand down both very rough and very smooth woods. 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. Water-swallowable woods, such as beech, may reveal fine cracks after drying when primed with a water based primer. Pretesting is, therefore, recommended.

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

Treat wood based materials also on the backside in order to avoid distorsion caused by moisture take-up. Ensure ventilation at rear.

For wood based materials containing water-soluble or water-repellent substances, AGLAIA WOOD PRIMER or AGLAIA PENETRATING PRIMER are more suitable.

Further Treatment:

AGLAIA WOOD IMPREGNATION PRIMER on facing woods and formwork indoors can be glazed with AGLAIA WOOD GLAZE, clear, satin-matt to obtain a transparent finish. Surfaces under mechanical stress (e.g. furniture, work tables) require an abrasion and waterproof coating with AGLAIA RESIN OIL SEALER, especially recommended for solid wood furniture. The interior of closets, drawers and chests should be primed twice using AGLAIA WOOD IMPREGNATION PRIMER only. Fine-sand between working cycles. For further treatment of less heavily used decorative woods, AGLAIA FURNITURE WAX may also be used. For colored finishes for indoor and/or outdoor use, AGLAIA WOOD GLAZE, AGLAIA INTERIOR LACQUER or AGLAIA WEATHER PROTECTION LACQUER are suitable.

Safety Instructions and Disposal:

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

Chemically sensitive and environmentally ill persons, please pay attention to the full declaration. Keep out of reach of children. Do not dispose of organic coating 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.