

AGLAIA WOOD GLAZE

Waterproof, diffusible natural resin oil glaze for color-transparent treatment of wood. Available in 17 color tones, including clear for indoors. Exclusively made from natural raw materials.



Ranges of Application:

- ▶ AGLAIA WOOD GLAZE for outdoors, toned: the weatherproof, water-repellent elastic wood glaze for indoors and outdoors. For weathered, size-consistent wood (windows, doors) and wood formwork, framework and log cabins. Available in 14 non-fading exterior colors (see Color Chart). Note color limitations. For weathered areas, use factory-toned wood glazes only, but never clear ones. Contains no biocides. Check for non-blueing wood quality and constructive wood protection, see Maintenance and Aftertreatment.
- ▶ AGLAIA WOOD GLAZE for indoors, clear: transparent, satin-matt resin oil glaze, exclusively for indoors. Ideal for wall panelings and wooden ceilings. Diffusible and of a natural, satin-matt look.
- ▶ AGLAIA WOOD GLAZE for indoors, toned: satin-matt wood glazes for toned, decorative glaze coating of wood indoors, e.g. furniture, doors, wood siding or toys. 16 most attractive color tones that can be mixed with each other and with clear.

Processing:

Stir carefully to the base of the container before use. Apply lap-free, in thin layers, in direction of grain, using a flat brush. For the first coat, thin with approx. 10 % AGLAIA BALSAM LACQUER THINNER depending on absorbency. Apply second coat no sooner than 24 hours later, undiluted or diluted with up to 5 % AGLAIA BALSAM LACQUER THINNER, but also sparingly and evenly. At least 3 coats on unprimed wood, the first one alternatively with AGLAIA WOOD PRIMER or AGLAIA WOOD IMPREGNATION PRIMER. Fine-sand prior to further processing (approx. 240 grit). Maximum wood moisture: 15 %.

For size-consistent wood (e.g. windows) and for intensively weathered south and west facades, an extra coat of glaze is recommended.

For spraying, mix with 10 % to 15 % AGLAIA BALSAM LACQUER THINNER and make sure to apply sparingly and in thin layers. Suitable for low and high pressure up to 5 bar. For airless or air mix procedures, make sure to use sparingly and smooth off afterwards using a brush.

Technical Features:

AGLAIA WOOD GLAZES are traditional resin/oil glazes mixed with pure citrus peel oil, easy to process and economic in use.

They contain plant oils that absorb oxygen when drying and cross-link to become an elastic, diffusible, waterproof film. The combination of UV-resistant, finely ground mineral pigments ensures thin layers and a most economical job.

Natural resin oil glazes show no tendency to peel even when subject to intensive weathering. Thanks to pure plant based renewable essential oils, AGLAIA WOOD GLAZE is CO₂ indifferent and part of nature's cycles. 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.

Physical/Technical Characteristics:

Density: 0.9-1.1 g/cm³
 Efflux time (4 mm DIN/20°C): 33 - 36 secs

Color tones:

For indoors and outdoors: chalk white (02), pearl grey (04), driftwood (05), pine (06), light oak (07), teak (09), walnut (11), jacaranda (12), ebony (13), mahogany (16), may green (20), corn yellow (21), red pepper (22), sky blue (23). See Color Chart.

For indoors only: clear (01); glaze white (03), gentian (18).

AGLAIA WOOD GLAZE for indoors, clear can be mixed for natural look using oil-compatible AGLAIA PIGMENTS. But for indoor use only!

Drying:

Under normal conditions, touch dry after 12 hours, safe to coat after 24 hours. Low temperatures and high humidity delay the drying process. Ensure proper ventilation while drying.

Yield:

On planed conifer wood: approx. 0.09 l per coat and m².

On rough wood: considerably more.

Available Sizes:

0.125 l, 0.75 l, 3 l, 10 l, 30 l and 200 l.

Cleaning:

Clean appliances, tools and clothes immediately after use with AGLAIA BALSAM LACQUER THINNER.

Storage:

Lasts at least 24 months when stored cool and free of frost in the airtight sealed original container. Once opened, re-seal container airtight.

AGLAIA WOOD GLAZE

Composition:

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

[1]: Dehydrated castor (stand) oil, Linseed (stand) oil, Citrus peel oil; [2]: Wood (stand) oil, Refined linseed oil, Colophonium glycerol esters, Silicic acid; [3]: Lecithin, Lipophilic swelling clay, Ethanol, Co/Zr/Ca drying agents.

Wood Glaze, toned plus pigment:

[2]: Titanium dioxide, Chalk, Zinc white, Iron oxide black, Umber, Terra di Siena, Iron oxide brown, Iron red oxide, Ultramarine blue, Chrome oxide green, Iron oxide yellow, Nickel-titanium yellow, Cobalt blue.

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:

The surface must be clean, solid and coatable. Maximum wood moisture 15 %. Thoroughly remove any remainders of grease, resin or wax with AGLAIA BALSAM LACQUER THINNER. When hot, resin-rich wood tends to exude resin and can only tolerate coating to a limited extent. Sand down planed wood. Absorbent, dry wood with a good grip is ideal. Check weathered, chalking oil glazes for adhesion and sand thoroughly. Completely sand off or strip peeling artificial resin coatings. Carefully sand down previously treated, absorbent wood and make samples. Grey or spongy wood should 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. Check joints. Touch up open spaces and flaws to match style and structure.

Priming:

► AGLAIA WOOD PRIMER can be used universally on raw wood or, as an alternative, AGLAIA WOOD IMPREGNATION PRIMER, water thinnable and only insignificantly grain-raising. Prime and precoat size-consistent components (windows!) once prior to installation, intermediate and finish coat after installation. Exterior wood siding should also be coated once or twice on the backside. Ensure ventilation at rear as well as full saturation of cross-cut wood.

► For preventive wood protection of supporting structures according to DIN 68 800, AGLAIA BORIC SALT IMPREGNATION should be used indoors. Further processing with AGLAIA WOOD IMPREGNATION PRIMER.

► Wood based materials, Chipboards and Multi-layer panels: Always make samples as discoloration or incompatibility with adhesive resins cannot be excluded. Observe the manufacturer's instructions. Prime with AGLAIA PENETRATING PRIMER.

Maintenance and Aftertreatment:

Wood outdoors requires maintenance. When exposed to the elements, light sanding and coating is needed after 1 1/2 to 3 years. Simple building measures (roof projections, rounded edges, slight tilting of lower window frames) and careful selection of wood (resistance classifications according to EN 350-2) extend the lifespan of each coat significantly. Woods that are not weather-resistant or are horizontally weathered, mechanically strained, in contact with the ground are not suitable. For more information refer to DIN 68 800 and BFS Information Sheet No. 18 (Federal Committee for Paints and the Protection of Property, membership corporation).

Safety Instructions and Disposal:

► Hazard Class: Flammable (VbF [Flammable Liquids Regulation] A II)!

When applying, keep away from any ignition source, refrain from smoking and ensure proper ventilation.

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.