

AGLAIA INTERIOR LACQUER

Pigmented plant oil lacquer for covering finishes for wood and metal indoors. Available in white and in 7 full colors according to AGLAIA Color Chart. Either glossy or satin-matt. Exclusively made from natural raw materials.



Ranges of Application:

AGLAIA INTERIOR LACQUER is a hard-wearing, water-proof natural resin oil lacquer for indoor use for covering coats on wood or metal doors, furniture or articles of daily use. Available in both glossy and satin-matt.

For weathered areas outdoors (windows, framework, wood siding) use AGLAIA WEATHER PROTECTION LACQUER.

Processing:

Carefully stir up AGLAIA INTERIOR LACQUER and apply evenly and in thin layers in direction of grain, using a round brush or a roller. Thin with up to 8 % AGLAIA BALSAM LACQUER THINNER, depending on surface and absorbency. After 24 to 36 hours, finish by applying another thin and even layer. Fine-sand prior to each coat and thoroughly remove dust. Raw wood should be primed beforehand, using AGLAIA WOOD PRIMER or AGLAIA WOOD IMPREGNATION PRIMER and applied with an intermediate coat using AGLAIA PRECOATER, see **Surface and Pretreatment**.

For spraying, mix with up to 12 % 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:

As a natural resin oil lacquer, AGLAIA INTERIOR LACQUER contains plant oils that absorb oxygen when drying and cross-link to become an abrasion-resistant, diffusible, water-repellent film. Caking when dry. No noticeable static build-up, therefore virtually no tendency to attract dirt. The combination with absolutely non-fading, micro-fine mineral pigment powder ensures an especially economic coverage in thin layers. High solids content. Thanks to pure plant renewable essential oils, AGLAIA INTERIOR LACQUER is CO₂ indifferent and part of nature's cycles. Recommended from a biological and ecological building point of view. Perspiration and spittle-resistant according to DIN 53 160 and EN 71.

Physical/Technical Characteristics:

Density:	1.2-1.3 g/cm ³
Efflux time (4 mm DIN / 20°C):	130 secs
Solids content:	76 wt-%

Color tones:

White, black, brown, umber, red oxide, ocher yellow, green, and ultrablue as full colors and also color mixtures according to AGLAIA Color Chart. Color tones can be mixed with each other, test mixtures are recommended. For special color tones, please consider possible minimum order quantities.

Drying:

Under normal conditions, dustfree dry after 8 hours, touch dry and safe to coat after 24 to 36 hours. Thick layers, high air humidity and low temperatures delay the drying process. Therefore, use sparingly and ensure proper ventilation and heat while drying. Handle with care until completely dry and protect from dust.

Yield:

On planed conifer wood: approx. 0.10 l per coat and m².

On rough wood: considerably more.

Available Sizes:

0.125 l, 0.75 l, 3 l and 10 l

Cleaning:

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

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.

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Composition:

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

[1]: Dehydrated castor oil, Linseed (stand) oil, Citrus peel oil; [2]: Wood (stand) oil, Dammar resin, Colophonium glycerol esters, Talcum, Lipophilic silicic acid; [3]: Swelling clay, Lecithin, Turkey red oil, Olein, Zinc white, Aluminum stearate, Co/Zr/Ca drying agents.

Plus pigment, according to color tone:

[1]: Titanium dioxide, Iron oxide black, Umber, Iron oxide brown, Iron red oxide, Ultramarine blue, Chrome oxide green, Iron oxide yellow, Nickel-titanium yellow.

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 % for conifer wood, 12 % for hardwood. Thoroughly remove any grease, wax or resin remainders with AGLAIA BALSAM LACQUER THINNER. Check old coatings for adhesion. Degrease with ammonia solution (max. 2 %) or off-the-shelf alkaline solution and carefully sand. Completely sand off or strip peeling or non-recoatible old coatings. Thoroughly sand existing coatings 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. Touch up open spaces and flaws to match style and structure. Check joints. The interior of closets, drawers and chests should be primed using AGLAIA WOOD IMPREGNATION PRIMER only.

Priming:

► AGLAIA WOOD PRIMER can be used universally on raw wood; as an alternative AGLAIA WOOD IMPREGNATION PRIMER which is water thinnable. Carefully sand when completely dry, prior to further treatment, especially when applied to wood or wood based materials. Intermediate coat with AGLAIA PRECOATER.

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

► Wood based materials, Chipboards and Multi-layer panels: Always make samples as discoloration or incompatibility with adhesive resins (e.g. delays of the drying process) cannot be excluded. Observe the panel manufacturer's instructions. Prime using AGLAIA PENETRATING PRIMER.

► Steel: Thoroughly remove corrosion, then sand and degrease using AGLAIA BALSAM LACQUER THINNER. Prime with AGLAIA CORROSION PROTECTION PAINT or – if not susceptible to corrosion – coat directly with AGLAIA PRECOATER. Not appropriate for galvanized steel or nonferrous heavy metal.

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.