

AGLAIA RESIN OIL SEALER

Clear, abrasion-resistant, water-repellent sealer for furniture, doors and work tables. In compliance with DIN 68 861 resistant against liquids commonly used in households. Only for indoor use. Available glossy or satin-matt. Exclusively made from natural raw materials.



Ranges of Application:

AGLAIA RESIN OIL SEALER is a durable transparent decorative and protective sealer for interior wood surfaces. Especially for solid wood furniture, racks, doors and articles of daily use made from wood. Also for desks and work tables. For use as a protective coat on colorless primed wood or after pretreatment with AGLAIA WOOD GLAZE. Water-repellent, abrasion-resistant and resistant against liquids commonly used in households.

Our recommendation for wood and cork floors:
AGLAIA HARD RESIN OIL.

Processing:

Thoroughly stir up AGLAIA RESIN OIL SEALER to the bottom of the container. Evenly apply a thin coat in direction of grain, using a flat or a round brush. Thin with 3 % to 10 % AGLAIA BALSAM LACQUER THINNER depending on type of surface and absorption capacity. Second coat after 24 to 36 hours and intermediate fine-sanding. Carefully sand and remove dust prior to every application.

Raw wood should previously be primed with AGLAIA WOOD PRIMER or AGLAIA WOOD IMPREGNATION PRIMER, see Surface and Pretreatment. Maximum wood moisture 15 %.

For use with spray gun, thin with about 8 % to 15% AGLAIA BALSAM LACQUER THINNER and make sure to apply sparingly, evenly and in thin layers. According to wood type, condition and pretreatment 2 to 3 coats. Suitable for low and high pressure up to approx. 5 bar. For airless or air mix procedures including flow coating, make sure to use sparingly and level out with a brush.

Technical Features:

As a natural Resin Oil Protection, AGLAIA RESIN OIL SEALER contains plant oils that absorb oxygen when drying and cross-link to become an abrasion-resistant, diffusible, water-repellent film. No noticeable static build-up. Therefore, virtually no tendency to attract dirt. Resistant against liquids commonly used in households / DIN 68 861.

Applies very economically, in very thin layers. Thanks to pure plant renewable essential oils, AGLAIA RESIN OIL SEALER 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: approx. 0.85- 0.95 g/cm³
Efflux time (4 mm DIN/20°C): 80-100 secs

Color tone:

Transparent.

Drying:

Under normal conditions, dustfree dry after 6 to 8 hours, touch dry and safe to coat after 16 to 24 hours. Thick layers and low temperatures delay the drying process. Therefore, apply sparingly and ensure proper ventilation and heat while drying. Handle with care and protect from dust until completely dry.

Yield:

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

On rough wood: considerably more.

Available Sizes:

0.25 l, 0.75 l, 3 l and 10 l

Cleaning:

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

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.

Composition:

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

[1]: Linseed (stand) oil, Citrus peel oil; [2]: Wood (stand) oil, Dammar resin, Refined linseed oil, Colophonium glycerol esters, Lipophilic silicic acid, Aluminum stearate; [3]: Lecithin, Turkey red oil, Co/Zr/Ca 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%

AGLAIA RESIN OIL SEALER

Surface and Pretreatment:

General Requirements:

The surface must be clean, solid and coatable. Maximum wood moisture: 12 % for hardwood, 15 % for conifer wood. Thoroughly remove any remainders of grease, resin or wax 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 remove cracked, defective or non-recoatible old coatings by sanding or stripping. Thoroughly sand already existing coatings and make samples. Sand grey or spongy wood 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 flaws to match style and structure. Do not coat the interior of closets, drawers and chests, but prime instead once or twice with AGLAIA WOOD IMPREGNATION PRIMER.

Priming:

For raw, light and absorbent woods, AGLAIA WOOD IMPREGNATION PRIMER is the right product because it is water thinnable, absolutely non-yellowing and has no „grain-raising“ effect. On beech and other water-swallowable woods, possible desiccation cracks may form. Therefore, make samples. As an alternative, prime with AGLAIA WOOD PRIMER, for universal use and easy to process. Through its „grain-raising“ effect, particularly attractive on figured conifer wood. Water-repellent of penetrative effect due to low-molecular oils. Always fine-sand and remove dust carefully after priming. 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 incompatibilities with adhesive resins cannot be excluded. Observe the manufacturer's instructions. If required, prime with AGLAIA PENETRATING PRIMER.

► Decorative pigmentation of facing woods with AGLAIA WOOD GLAZE:

For a stain-like treatment, AGLAIA WOOD GLAZE for indoors, toned is applied and after 20 minutes removed again with a rolled-up cloth, pigmenting only the wood pores. Apply AGLAIA RESIN OIL SEALER no sooner than 12 hours later, either to form a film (increased mechanical protection) or remove after 20 minutes (natural look of the surface). Suitable for an application of this decorative technique are carefully pretreated solid woods or wood veneers, e.g. for furniture fronts or doors. Samples and previous priming with AGLAIA WOOD PRIMER are recommended.

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.