

AGLAIA RESIN OIL PROTECTION

Solvent-free varnish for wood refinement indoors. Especially for furniture, floorboards and toys. Further treatment with wax. Exclusively made from natural raw materials.



Ranges of Application:

For treating wood indoors, especially furniture, racks, work tables and articles of daily use made from wood. Hard-wearing. Also suitable for natural treatment of floorboards in living areas. Not for surfaces frequently in contact with water or under mechanical stress. Non-yellowing and only slightly grain-raising, therefore, also suitable for light colored woods. Saturating application, removing excess varnish. Further treatment with AGLAIA FURNITURE WAX, AGLAIA LIQUID WAX or AGLAIA AQUASOL HARD WAX for pleasant-to-touch, silky, dirt-repellent surfaces.

Processing:

Shake AGLAIA RESIN OIL PROTECTION well before use and apply once or twice to saturation using a flat brush or a rolled-up cloth, i.e. an about fist-size, non-fraying piece of linen or cotton cloth with a core of wool, cotton wool or paper tissues. Distribute well. Repeat on strongly absorbent spots after a few minutes until saturated. It is imperative to remove excess varnish after 15 to max. 25 minutes. Use a clean rolled-up cloth and proceed in direction of grain. Wipe again with a fresh, clean cloth. The surface should now be almost touch-dry. Excess varnish will produce stickiness and shiny spots! Test alternative application methods such as brushing or buffing machines beforehand. Always remember that an excess-free operation is imperative! Heating causes liquefying. Treat floor or shelf boards piece by piece, see **Surface and Pretreatment**.

Technical Features:

AGLAIA RESIN OIL PROTECTION is a solvent-free varnish with a relatively high drying potential, made from particularly tough lime-hardened resins, standoils and low-molecular linseed oil. Optimum penetration depth, water and dirt-repellent effect. When properly applied, no film formation and non-sealing. Maintains the wood's characteristics such as grain and pore pattern. The surface's diffusion and absorption capacities remain unaffected. Virtually non-yellowing, weak „grain-raising“ effect. Free of cobalt drying agents. Perspiration and spittle-resistant according to DIN 53 160 and EN 71.

Purely natural surfaces, oiled and waxed solvent-free, are highly recommended from a biological and ecological building point of view as they create an agreeable room climate.

Physical/Technical Characteristics:

Density: 0.97 g/cm³
Solids content: ~ 100 wt-%
Efflux time (4 mm DIN/20°C): 48 secs

Color tone:

Transparent to slightly glazing, depending on wood type and application method.

Drying:

With excess-free application and under room air conditions, touch dry after 8 hours. Safe for regular use after 48 hours. Handle with care until completely dry and ensure proper ventilation. Low temperatures delay the drying process. Cleaning with a moist cloth at the earliest after 1 week.

Yield:

On planed conifer wood: approx. 0.03 to 0.04 l per coat and m², i.e. extremely economic coverage (1 liter lasts for 25 to 33 m²). When applying generously, losses due to excess varnish.

Available Sizes:

0.125 l, 0.25 l, 1 l, 3 l and 10 l

Cleaning:

Clean appliances, tools and clothes immediately after use with AGLAIA BALSAM LACQUER THINNER; as an alternative, use common laundry soap several times and rinse with water.

Storage:

Lasts at least 18 months when stored cool and free of frost in the airtight sealed original container. Once opened, re-seal container airtight. If necessary, remove film, do not stir in.

Composition:

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

[1]: Safflower (stand) oil, Refined linseed oil, Linseed (stand) oil, Lime-hardened colophonium;
[2]: Wood (stand) oil; [3]: Lecithin, Linseed oil soap, Chalk, Titanium dioxide, Iron oxide brown, Mn/Zr drying agents.

Explanation of Symbols:

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

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Surface and Pretreatment:

General Requirements:

The surface must be clean, dry, solid and coatable. Maximum wood moisture 12 % for hardwood, 15 % for conifer wood. Application only on floors properly laid by an expert. Observe the floor covering manufacturer's instructions. Thoroughly remove any remainders of grease or wax with AGLAIA BALSAM LACQUER THINNER. Sand down to the raw wood, if surface has already been treated to produce a surface finish. The surface must be absorbent and absolutely free of repellent substances, such as grease or wax. Touch up flaws to match style and structure. The interior of closets, drawers and chests should be primed using AGLAIA WOOD IMPREGNATION PRIMER only.

► Floorboards and Parquet:

Thoroughly sand raw wood to obtain a smooth surface and remove dust. Also remove any protruding wood fibers. If necessary, water beforehand, allow to dry and sand. 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.

► Wood based materials, Chipboards and Multi-layer panels:

Always make samples as discoloration or incompatibility with adhesive resins cannot be excluded. Application exclusively on normally absorbent, wax-free, smooth surfaces.

► Cork and Unglazed floor tiles:

Make sample to check for suitability. Strongly absorbent or coarsely porous surfaces may delay the drying process or cause an uneven drying. Application on dry surfaces only. Observe the manufacturer's instructions.

Maintenance and Aftertreatment:

AGLAIA RESIN OIL PROTECTION should not be waxed sooner than 24 to 48 hours after application. Carefully sand off any protruding wood fibers beforehand.

AGLAIA LIQUID WAX is a machine-compatible hard wax and especially suitable for floors and larger surfaces.

AGLAIA FURNITURE WAX is applied using a rolled-up cloth and is suitable for furniture, toys and wooden appliances. When buffed, a pleasant-to-touch, silky finish is obtained.

AGLAIA AQUASOL HARD WAX is a solvent-free wax product for wooden floorboards and solid wood furniture.

AGLAIA SELF-GLOSSY WAX is water thinnable and can be used as detergent additive or as furniture sand.

For more information refer to our AGLAIA Special Care Instructions for Oiled and Waxed Floor Tiles, Cork and Parquet Floors.

Safety Instructions and Disposal:

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

Allow soaked rags and rolled-up cloths to dry outside. Cloths soaked in drying oils generate a risk of self-ignition. Therefore, always store in closed, airtight metal containers or spread out and dry on the cloth line immediately after use. Wear gloves when applying with a rolled-up cloth. 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 Reminders (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.