

AGLAIA PRECOATER

White-matt diffusible precoat for wood and metal surfaces, for interior and exterior use. Exclusively made from natural raw materials.



Ranges of Application:

AGLAIA PRECOATER is a white, slightly filling precoat with good covering qualities for wood, wood based materials and steel for both indoors and outdoors. Also for use on strongly adhesive, recoatable old paint. Diffusible and strongly adhesive. Further treatment with AGLAIA WEATHER PROTECTION LACQUER for outdoor use or AGLAIA INTERIOR LACQUER glossy or satin-matt for indoors.

Processing:

Fine-sand prepared surfaces and remove dust as described under Surface and Pretreatment. Thoroughly stir up AGLAIA RECOATER and evenly apply a thin layer using a flat or a round brush or a roller. General use is undiluted, but if necessary thin with up to 5 % AGLAIA BALSAM LACQUER THINNER to obtain brushability.

Fine-sand no sooner than 24 hours after application (grit 240 or finer) and coat with a covering lacquer. A second layer of AGLAIA PRECOATER should be applied to contrasting or rough surfaces showing traces of sanding, etc.

For use with spray gun, thin 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. When using airless or air mix procedures, make sure to use sparingly and smooth off afterwards using a brush. Try to avoid excessive film thickness and paint flow.

Technical Features:

As a natural resin oil lacquer, AGLAIA PRECOATER contains plant oils that absorb oxygen when drying and cross-link to become an elastic, water-repellent film. Excellent adhesion qualities for a large variety of surfaces. No tendency to peel even when subject to intensive weathering. High solids content, smooth when applied and particularly economic in use. Recommended from a biological and ecological building point of view.

Physical/Technical Characteristics:

Density: 1.28 g/cm³
Efflux time (4 mm DIN / 20°C): 140 secs
Solids content: 77 wt-%

Color tones:

White. When using colored finishes, AGLAIA PRECOATER may be toned with up to 20 % AGLAIA colored lacquers, see Color Chart.

Drying:

Under normal conditions, dustfree dry after 6 to 8 hours, touch dry and safe to coat after 24 hours. Thick layers, low temperatures and high air humidity delay drying. Therefore, ensure proper ventilation and heat while drying. Handle with care until completely dry.

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, 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 frost free 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]: Dehydrated castor (stand) oil, Citrus peel oil, Diatomaceous earth, Titanium dioxide; [2] Colophonium glycerol esters, Dammar resin, Silicic acid, Calcium stearate, Talcum, Zinc white; [3] Lecithin, Turkey red oil, Aluminum stearate, Swelling clay, 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%

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Surface and Pretreatment:

General Requirements:

The surface must be clean, solid and coatable. Maximum wood moisture 15 %. Thoroughly remove any grease, wax or resin remainders 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 paints and oil glazes for adhesion and sand thoroughly. Completely sand off or strip peeling artificial resin coatings. Carefully sand down previously treated 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. Touch up open spaces and flaws to match style and structure.

Priming:

AGLAIA WOOD PRIMER can be used universally on absorbent wood; as an alternative AGLAIA WOOD IMPREGNATION PRIMER can be thinned with water, but is only appropriate for raw wood. 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.

► Wood based materials, Chipboards and Multi-layer panels: Always make samples as discoloration or incompatibility with adhesive resins (e.g. delayed 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 and apply one or two intermediate coats using AGLAIA PRECOATER. Not appropriate for galvanized steel or nonferrous heavy metal.

Maintenance and Aftertreatment:

Use AGLAIA WEATHER PROTECTION LACQUER for outdoors or AGLAIA INTERIOR LACQUER glossy or satin-matt for indoors. Light intermediate sanding and thorough dust removal will be required beforehand. AGLAIA PRECOATER should be finish coated within a week after application. In case of longer periods of

nonusage, thoroughly clean and sand again.

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 Remainders (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.