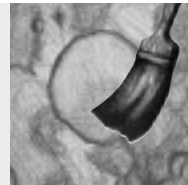


AGLAIA SHELLAC INSULATING PRIMER

Clear, alcohol-based natural resin primer for insulating water, corrosion, nicotine, tar and soot stains. Exclusively made from natural plant raw materials.



Ranges of Application:

Quick-drying prime coat for insulating through-striking stains on all coatable surfaces indoors, such as plaster, wood based materials or wall papers. Especially for small-area, spotwise repairs. Recommendation for full-surface insulation: AGLAIA INSULATING WHITE.

When used carefully and properly thinned, also to be used as a shellac furniture polish, see **Surface and Pretreatment**.

Processing:

Shake AGLAIA SHELLAC INSULATING PRIMER well and apply by brush or wide brush to saturation, but not excessively. A second coat may be applied after a minimum drying period of 2 hours. Tar/nicotine/soot stained or efflorescing surfaces must be carefully brushed and dried prior to application, see **Surface and Pretreatment**, on the backside of this information sheet.

Technical Features:

AGLAIA SHELLAC INSULATING PRIMER is a combination of shellac and resins, dissolved in alcohol, with excellent insulating properties against water-soluble efflorescing spots that, when coated with water-based wall paints or plasters, produce discoloration and bleeding. When completely dry, AGLAIA SHELLAC INSULATING PRIMER is waterproof and sealing. Because of these sealing properties, AGLAIA SHELLAC INSULATING PRIMER is also suitable for repairing defective spots. For full-surface insulation (e.g. chipboards), the use of AGLAIA PENETRATING PRIMER/AGLAIA INSULATING WHITE is more appropriate. The alcohol contained in AGLAIA SHELLAC INSULATING PRIMER derives from plant biomass (sugar beet) and is, thus, CO₂ indifferent.

Water absorption and water-vapor diffusion characteristics:

W₂₄-value: 0.1 kg/(m²h^{1/2})

s_d-value (H₂O): 1 m

Physical/Technical Characteristics:

Density: 0.82 g/cm³

Dynam. viscosity: 50 mPas

Color tone: Clear.

Drying:

Under normal conditions, touch dry after 10 minutes, safe to coat after 2 hours. Ensure proper ventilation while drying. Observe safety instructions.

Yield:

On moderately absorbent, smooth surfaces: approx. 0.10 to 0.12 l per coat and m².

Available Sizes:

0.125 l, 1 l, 3 l, and 10 l.

Cleaning:

Clean appliances, tools and clothes with AGLAIA FERMENTATION ALCOHOL 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 and use up as soon as possible.

Composition:

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

[1]: Ethanol from plant biomass, denaturated with carene-free gum spirit of turpentine; [2]: Dammar resin, Shellac.

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, dry, solid and coatable. Check fresh plaster for sinterskin (glass-like glossy, waterproof surface). If necessary, sand to make the plaster absorbent. Dry-brush any water marks and efflorescing substances. In case of deeper contaminations, such as sooting caused by fire, the contaminated surface should be completely removed, if possible. Chloride, sulfate or nitrate salinizations („wall saltpeter“), e.g. in vaults, foundations or after massive water damages, require complete renovation and cannot be repaired through the use of an insulating primer. An insulation of alcohol-soluble dyes, e.g. from felt-tip pens or printing ink, is naturally impossible with AGLAIA SHELLAC INSULATING PRIMER. AGLAIA INSULATING WHITE is the right product to be used here. In critical cases, always make samples including the finish coat.

Suitable Surfaces:

- ▶ Lime plaster (Plc), Lime based cement plaster (PII):

Brush crumbly, sanding plasters and solidify with AGLAIA PENETRATING PRIMER.

- ▶ Gypsum plaster (PIV), Gypsum based lime plaster (PIVc), Gypsum plaster boards and Fibrous plaster boards:

First prime with AGLAIA PRIMER, thinned with 2 parts water.

- ▶ Brick, Lime sandstone, Natural stone, Concrete, Fibrocement:

Carefully brush crumbly, sanding spots and solidify with AGLAIA PENETRATING PRIMER.

- ▶ Coarse grained wall paper, Glass-fiber and Textile fabrics:

Brush off water marks prior to wallpapering and treat with AGLAIA SHELLAC INSULATING PRIMER. Test adhesion is recommended.

- ▶ Wood based materials, Chipboards and Wood based cement:

Recommendation: First prime with AGLAIA PENETRATING PRIMER, then apply AGLAIA INSULATING WHITE.

Swelling and shrinking activities of the surface produce fine cracks that may enable discoloring substances to strike through.

AGLAIA SHELLAC INSULATING PRIMER is only suitable to a limited extent for insulating outgassing wood preservatives and noxious substances (e.g. PCP, gammexane, formaldehyde) from wood and wood based materials since it cannot be avoided that the swelling and shrinking movements of the wood also affect the thin-layer insulating coat.

- ▶ For use as Shellac Polish on wood:

This traditional surface refinement of stylish antique furniture requires expert skills and handicraft dexterity. A highly thinned shellac solution is applied in very thin layers in several working cycles using a rolled-up cloth, and then buffed. The result is a high-gloss, dirt and water insensitive finish. For this purpose, thin AGLAIA SHELLAC INSULATING PRIMER with at least 2 parts AGLAIA FERMENTATION ALCOHOL. It is imperative to make samples first.

Safety Instructions and Disposal:

- ▶ Hazard Class: Highly flammable (VbF [Flammable Liquids Regulation] B)!

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

Respiratory protection: gas mask and breathing equipment with filter A.

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.