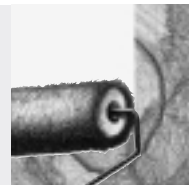


AGLAIA INSULATING WHITE

White-pigmented primer for indoor use, especially for full-surface insulation of water, corrosion, nicotine and soot stains as well as efflorescing substances. Exclusively made from natural raw materials.



Ranges of Application:

AGLAIA INSULATING WHITE is used for insulating through-striking stains on all coatable wall and ceiling surfaces indoors. Especially for sealing wood based materials (e.g. chipboards), previously primed with AGLAIA PENETRATING PRIMER. Further treatment with AGLAIA wall paints, natural resin or fiber plasters. The fine-grain, white-pigmented surface allows a particularly economic coating with e.g. AGLAIA ROLL-ON PLASTER or AGLAIA RENOVATION PLASTER. AGLAIA INSULATING WHITE has been designed especially for full-surface coating of efflorescing surfaces. For insulating individual water or soot stains, AGLAIA SHELLAC INSULATING PRIMER may be used as an alternative, see Surface and Pretreatment.

Processing:

Thoroughly stir up AGLAIA INSULATING WHITE to the bottom of the container. Apply evenly, but not too sparingly, using a soft ceiling brush or a short-piled roller. Ready to use. Only add a little water if you want to remove remainders of AGLAIA INSULATING WHITE from the inside of the container. On critical surfaces, two coatings and several days of drying are recommended before applying AGLAIA natural resin or fiber plasters. Thoroughly brush off tar/nicotine/soot stains or efflorescing surfaces. For more information on Surface and Pretreatment, see backside of this information sheet.

Technical Features:

AGLAIA INSULATING WHITE is a watery alcoholic mixture of shellac, plant oils and resins. Through emulsification in water, the organic solvent content required to ensure the insulating effect, in particular alcohol, is minimized. The alcohol originates from plant biomass (sugar beet) and is, therefore, CO₂ indifferent. When dry, AGLAIA INSULATING WHITE is waterproof, sealing and compatible with AGLAIA wall paints, natural resin and fiber plasters.

Water absorption and water-vapor diffusion characteristics:

W₂₄-value: 0.1 kg / (m²h^{1/2})
s_d-value (H₂O): 0.15 m

Physical/Technical Characteristics:

Density: 1.21 g/cm³
pH Value: 8
Dynam. viscosity: 4,500 mPas

Color tone:

White, semi-covering

Drying:

Under normal conditions, touch dry after 1 hour, safe to coat after 16 hours. Longer drying is recommended. Ensure proper ventilation while drying. Observe Safety Instructions.

Yield:

On moderately absorbent, smooth surfaces:
approx. 0.12-0.13 l per coat and m².

Available Sizes:

0.25 l, 1 l, 3 l, 5 l and 10 l.

Cleaning:

Clean appliances, tools and clothes immediately after use with soap water. If necessary, rewash with AGLAIA FERMENTATION ALCOHOL.

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]: Tap water, Ethanol from plant biomass, denaturated with carene-free gum spirit of turpentine;
[2]: Diatomaceous earth, Aluminum silicate, Titanium dioxide, Talcum, Mica, Milk casein, Chalk, Shellac soap, Dammar resin, Dehydrated castor (stand) oil, Refined linseed oil, Citrus peel oil; [3]: Lecithin, Swelling clay, Glycerin, Boric salts, Turkey red oil.

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 INSULATING WHITE

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. Thoroughly dry-brush water marks and efflorescing substances. In case of deeply penetrating soot contaminations, e.g. after a fire, the severely affected surface should be completely removed, if possible. Chloride, sulfate or nitrate salinizations („wall salt peter“) in vaults, foundations or after massive water damages, require complete plaster renovation. If necessary, insulate alcohol-soluble colors, such as from felt-tip pens or printing ink, in several layers. For touching up individual soot or water stains, AGLAIA SHELLAC INSULATING PRIMER may be used alternatively. In critical cases, always make samples, including the finish coat.

Suitable Surfaces:

► Lime plaster (PIc), Lime based cement plaster (PII), Concrete, Fibrocement:

Brush off crumbly, sanding surfaces 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.

► Wood based materials, Chipboards and Wood based cement:

Pretreat by priming once or twice with AGLAIA PENETRATING PRIMER. Then coat with AGLAIA INSULATING WHITE. Next coating no sooner than after 2 days, with AGLAIA wall paints, natural resin or fiber plasters.

► Lime sandstone, Brick:

Carefully brush off crumbly, sanding masonry and joints and solidify with AGLAIA PENETRATING PRIMER.

► Coarse grained wallpapers, Glass-fiber and Textile fabrics:

Brush off water marks before wallpapering and alternatively treat with AGLAIA SHELLAC INSULATING PRIMER. Carry out test adhesion.

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.