

AGLAIA RESIN BONDING COAT

General purpose renovation primer for difficult-to-coat indoor surfaces. Water based, solvent-free base coat with bonding properties for grain-enriched AGLAIA wall paints and plasters. Exclusively made from natural raw materials.



Ranges of Application:

Water thinnable, pigmented, fine-grained (0.4 mm) base coat for use as a bonding coat on smooth, dense surfaces, especially on old latex or oil paints. Acts as a burn up sealer on gypsum based surfaces (gypsum plaster, gypsum plaster boards) and is ideal for coating with any grain-enriched AGLAIA wall paints, natural resin or fiber plasters thanks to its fine-grained surface. Further treatment e.g. with AGLAIA STRUCTURAL CASEIN PAINT, AGLAIA ROLL-ON PLASTER or BEECKOTEX.

Processing:

Thoroughly stir up AGLAIA RESIN BONDING COAT before use and apply evenly, lap-free and in thin layers by brush, roller or spray gun. Thin with up to 10 % water depending on surface and application method. For airless method, use jet for grain-enriched material and make sure to apply sparingly. Carefully cover surfaces not to be treated.

Please note: Whenever AGLAIA RESIN BONDING COAT is used for thin-layer application with any AGLAIA Wall Paint, it must be taken special care to ensure a particularly uniform grain distribution since otherwise, nonuniformities of the priming layer will become visible. For more information on **Surface and Pretreatment**, see backside of this information sheet.

For wall glazing technique, continue with AGLAIA STRUCTURAL CASEIN PAINT or AGLAIA RENOVATION PLASTER.

Technical Features:

AGLAIA RESIN BONDING COAT is a particularly strongly adhesive, grain-enriched base coat for critical surfaces. With the corresponding pretreatment, suitable for virtually any surfaces and materials commonly used in construction. Solvent-free and, due to very careful formulating, diffusible and only insignificantly sealing. Not suitable for coating with alkaline lime or silicate paints.

Water absorption and water-vapor diffusion characteristics:

W₂₄-value: 0.3 kg/(m²h^{1/2})

s_d-value (H₂O): 0.1 m

Physical/Technical Characteristics:

Density: 1.4 g/cm³

pH Value: 8

Dynam. viscosity: 5,000 mPas

Color tone:

Natural white, semi-covering.

Drying:

Under normal conditions, touch dry after 1 hour, safe to coat after 12 hours, fully cured after 4 days. On critical surfaces with a tendency to discoloration (e.g. wood based materials) drying periods of several days are recommended prior to application of a fiber plaster. Ensure proper ventilation while drying.

Yield:

On moderately absorbent, smooth surfaces: approx. 0.21 to 0.23 kg per m².

Available Sizes:

0.25 kg, 1 kg, 8 kg and 18 kg

Cleaning:

Clean appliances, tools and clothes with soap water immediately after use.

Storage:

Lasts at least 12 months when stored cool and free of frost in the airtight sealed original container. Once opened, cover with very little alcohol, 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, Chalk; [2]: Dammar resin, Dehydrated castor (stand) oil, Safflower (stand) oil, Wood (stand) oil, Shellac soap, Talcum; [3]: Methylcellulose, Boric salts, Mn/Zr 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, dry, solid and coatable. Check fresh plaster for sinterskin (glass-like glossy, waterproof surface). If necessary, sand to make the plaster absorbent. Dry-brush water marks and efflorescing substances and seal spots with AGLAIA SHELLAC INSULATING PRIMER or entire surface with AGLAIA INSULATING WHITE. Touch up open spaces and flaws to match style and structure. Check light-weight building boards for discoloration and reinforce cross joints of light-weight building boards with fabric, level out with filler and sand. Observe the board manufacturer's instructions.

Suitable surfaces:

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

Base coat with AGLAIA RESIN BONDING COAT is only required for very smooth surfaces. Solidify crumbly, sanding plasters with AGLAIA PENETRATING PRIMER beforehand.

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

Base coat with AGLAIA RESIN BONDING COAT, thinned with up to 10 % water. First prime extremely absorbent or crumbly surfaces, e.g. gypsum plaster boards, with AGLAIA PRIMER, thinned with 2 parts water.

► Wood based materials, Chipboards and Wood based cement:

Water-soluble, bleeding substances from wood chips and resins ! Therefore, prime with AGLAIA PENETRATING PRIMER and, if required, precoat with AGLAIA INSULATING WHITE. Make samples!

► Lime sandstone, Brick:

Carefully brush and prime absorbent masonry with AGLAIA PRIMER, thinned with 2 parts water. Degrease smooth, hard-burnt brick and coat directly with AGLAIA RESIN BONDING COAT.

► Old latex and oil paint coatings, Plastics, Glass and Ceramics:

Carefully dull-sand old latex, oil and lacquer coats and degrease using ammonia water (approx. 2 %) or off-the-shelf alkaline solution. Check for recoatability. Degrease plastics (thermoset plastics), glass and ceramics, sand and carefully remove dust. Due to the differences between these materials, always make samples, using AGLAIA RESIN BONDING COAT, including the finish supposed to be used.

Safety Instructions and Disposal:

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

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.