

AGLAIA PRIMER

Water-borne emulsified binder for priming absorbent surfaces indoors, especially gypsum. Thin with 2 parts water. Exclusively made from renewable raw materials.



Ranges of Application:

Water thinnable, clear penetrating stopper for absorbent lime and gypsum plasters as well as gypsum plaster boards or fibrous plaster boards. Further treatment with AGLAIA wall paints, natural resin or fiber plasters. Recommended from a biological and ecological building point of view for creating a pleasant room climate. Suitable for indoor use for all plasters of mortar classes Plc - PIVd including gypsum-based light-weight building elements (drywall). Also for clear-transparent solidifying of clay, see **Surface and Pretreatment**.

Processing:

Shake AGLAIA PRIMER well before use and thin with 2 parts water while stirring. Apply manually by soft ceiling brush or spray gun. Saturate the surface, but level out and remove excess primer with a brush. For weakly or nonuniformly absorbent surfaces, thin with another 2 parts water and thoroughly level out. For smooth surfaces supposed to be fiber plaster coated, priming with AGLAIA RESIN BONDING COAT is recommended as an alternative. For more information about **Surface and Pretreatment**, see backside of this information sheet.

Technical Features:

AGLAIA PRIMER is a water thinnable, economical, alkali-resistant concentrated penetrating stopper. Reduces the absorption capacity and has a reinforcing effect. Does not produce a surface film when applied in saturating, non-excessive coats. Virtually solvent-free, easy to process.

Water absorption and water-vapor diffusion characteristics:

W_{24} -value: 0.5 kg/(m²h^{1/2})

s_d -value (H₂O): 0.1 m

Physical/Technical Characteristics:

Density: 1.03 g/cm³

pH Value: 8

Dynam. viscosity: 3,300 mPas

Color tones: Clear.

Drying:

Under normal conditions, touch dry after 2 hours, safe to coat after 12 hours. Ensure proper ventilation while drying.

Yield:

On moderately absorbent, plane surfaces: approx. 0.04 l AGLAIA PRIMER per m².

Available Sizes:

0.25 l, 1 l, 3 l, 10 l and 30 l.

Cleaning:

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

Storage:

Lasts at least 12 months when stored cool and frost free 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, Milk casein; [2] Refined linseed oil, Olein, Boric salts, Dammar resin; [3] Turkey red oil, Clove 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%

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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 larger areas with AGLAIA INSULATING WHITE. Touch up open spaces and flaws to match style and structure. Reinforce cross joints of light-weight building boards with fabric, level out with filler and sand. Observe the board manufacturer's instructions.

Suitable surfaces:

► Absorbent Gypsum plaster (PIV), Gypsum based lime plaster (PIVc), Lime based gypsum plaster (PIVd), Gypsum plaster boards and Fibrous plaster boards:

Prime with AGLAIA PRIMER, thinned with 2 parts water. Particularly important before coating with AGLAIA CASEIN BINDER PAINT or AGLAIA STRUCTURAL CASEIN PAINT.

If natural resin or fiber plasters are used, AGLAIA RESIN BONDING COAT may be used as an alternative. In general, gypsum plaster boards impregnated to become water-repellent (wettability test!) will not require priming when subsequently coated with AGLAIA Wall Paints. For AGLAIA plasters use AGLAIA RESIN BONDING COAT.

► Lime plaster (PIc), Lime based cement plaster (PII), Gypsum based lime plaster (PIVc):

For absorbent plaster, priming with AGLAIA PRIMER, thinned with 2 parts water is recommended. Solidify crumbly, sanding plaster with AGLAIA PENETRATING PRIMER.

► Lime sandstone, Brick:

Brush thoroughly. Prime absorbent masonry with AGLAIA PRIMER, thinned with 2 parts water. For smooth, dense hard-burnt brick, preferably use AGLAIA RESIN BONDING COAT.

► Clay and Clay based building materials:

To solidify clay-based surfaces, thin AGLAIA PRIMER with 3 to 6 parts water and apply until slightly saturated. Humidify clay before use and allow to dry to a dull-wet degree. Level out excess primer with a brush. If required, apply several coats. Make samples!

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.