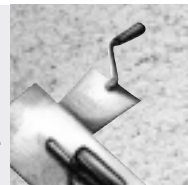


AGLAIA STRUCTURAL PLASTER

Ready-to-use, fiber-reinforced natural plaster for decorative wall design indoors. Sound-absorbent with excellent absorption capacity regarding humidity and airborne pollutants. For application and texturing use a trowel and work in circular movements. Natural white. Exclusively made from natural raw materials.



Ranges of Application:

For indoor use, on all coatable walls and ceilings in private homes as well as commercial, industrial and public buildings. To provide an open-pored, grainy wall coating with a pleasant light scattering effect. Creates a very nice atmosphere with excellent room climate properties. Recommended from a biological and ecological building point of view. Thanks to its filling qualities, texture and fiber-reinforcement, especially suitable for renovating and designing walls in old buildings as well as light-weight building elements, see **Surface and Pretreatment**.

Not suitable for rooms with a high humidity or directly exposed to contamination and water.

Processing:

AGLAIA STRUCTURAL PLASTER is a ready-to-use product. Carefully stir up and apply using a stainless steel trowel (smoothing trowel), distributing the plaster in circular movements to grain size, thus obtaining a porous plaster texture typical for applications in circular movements. Adjacent surfaces should be coated identical in texture, in one and the same working cycle. One-layer application will be sufficient when working thoroughly and properly preparing the surface beforehand. May also be economically machine-processed in larger buildings (e.g. plaster machine: WAGNER Plastcoat PC5; 8 mm jet). Priming in general with AGLAIA RESIN BONDING COAT, see Surface and Pretreatment on the backside of this information sheet.

Technical Features:

Easy and ready-to-use natural plaster for seamless wall coating. Thanks to texturing 1.6 mm calcite grains and a characteristic porosity, attractive and refreshing. Ideal for designing walls in old buildings or light-weight building constructions. Abrasion-resistant. Impurities may be removed by simply dabbing off with a moist sponge. Extremely absorbent, also regarding airborne pollutants, with ideal humidity controlling properties.

Water absorption and water-vapor diffusion characteristics:

W₂₄ value: 2 kg/(m²h^{1/2})
s_d value (H₂O): 0.05 m

Physical/Technical Characteristics:

Density: 1.60 g/cm³
pH value: 9
Dynam. viscosity: 30,000 mPas

Color tone:

Natural white. Can be toned to pastel intensity with AGLAIA FULL COLOR WALL PAINTS, if required

Drying:

Under normal conditions, completely dry after 8 to 12 hours. Ensure proper ventilation and heating while drying. Minimum application temperature: 13°C.

Yield:

On moderately absorbent, smooth surfaces: approx. 2.0 to 2.2 kg per layer and m².

For a more rustic texture as well as rough surfaces, more material is needed. Make samples.

Available Sizes:

1 kg, 6 kg und 18 kg.

Cleaning:

Clean appliances, tools and clothes with 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 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, Calcite; [2]: Milk casein, Dammar resin, Dehydrated castor (stand) oil, Titanium dioxide, Beech cellulose, Boric salts; [3]: Turkey red oil, Citrus peel oil, Linseed (stand) oil, Carboxymethylcellulose, Lipophilic swelling clay, Zinc white, Mica, Shellac, Lecithin, Colophonium glycerol esters, Aluminium silicate, Eucalyptus 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 any water marks and efflorescing substances and seal spots with AGLAIA SHELLAC INSULATING PRIMER or entire surface once or twice with AGLAIA INSULATING WHITE. Make samples when applying to tar/nicotine/soot stained or efflorescing surfaces as fiber-reinforced plasters are sensitive to color bleeding. Despite of the product's good filling properties, touch up open spaces, flaws and indentations beforehand. Smooth rough surfaces with the proper filler. Scrape or sand off protruding plaster or edges. Contrasting, multicolor or dark colored surfaces should be precoated with AGLAIA RESIN BONDING COAT to obtain a uniform coverage. 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): Prime absorbent plaster with AGLAIA PRIMER, thinned with 2 parts water. Solidify crumbly, sanding plaster with AGLAIA PENETRATING PRIMER. Always use AGLAIA RESIN BONDING COAT for precoating smooth plasters.
- ▶ Gypsum plaster (PIV), Gypsum based lime plaster (PIVc), Gypsum plaster boards and Fibrous plaster boards:

Base coat with AGLAIA RESIN BONDING COAT. Highly absorbent surfaces should first be primed with AGLAIA PRIMER, thinned with 2 parts water. Check gypsum based surfaces for discoloration and bleeding substances and, if necessary, insulate. See General Requirements.

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

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

- ▶ Concrete, fibrocement:

Thoroughly remove remainders of molding oil from concrete with soap water. Wettability test with clear water. Precoat with AGLAIA RESIN BONDING COAT.

- ▶ Lime sandstone, Brick:

Carefully brush and smoothen joints and indentations with e.g. AGLAIA FINE SURFACER. Base coat with AGLAIA RESIN BONDING COAT.

- ▶ Old coatings:

Check for recoatability, efflorescence and adhesion. Carefully clean and precoat old, matt, absorbent wall paint coatings, using AGLAIA RESIN BONDING COAT. Dense, smooth oil or latex coats are unsuitable and must be removed by sanding or stripping. Old non-washable distempers will easily get soaked when in contact with water, and should be completely removed using water and a brush. Make samples.

Paper and fabric wall papers are not suitable because of lacking recoatability. Carefully remove any remainders of old wall paper, glue or adhesive.

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 plasters 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.