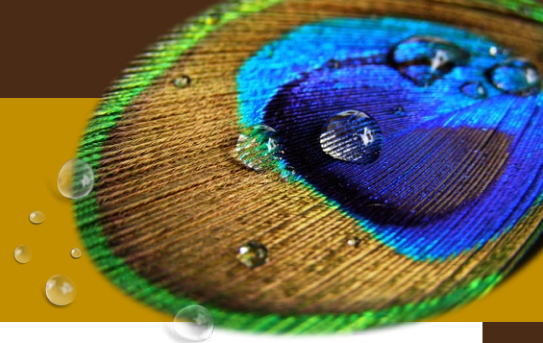


# Renovatie Putz

**Kant-en-klare, vezel versterkte egaliserende pleister voor het maken van fijne pleister-achtige, interieur wanden**



For universal use on all firm wall surfaces in public use areas as well as for private homes. Produces fine plaster-like wall coatings with attractive light scattering due to quartz grains (0.4 mm). Very good room climate and moisture regulating properties. Can be used on lime and gypsum plaster, lightweight building elements, concrete and masonry in new buildings and renovation of old buildings. Natural White, ideal substrate for the AGLAIA Wall Glazing Technique. If necessary can be coated over with AGLAIA Casein Paint.

## 1. Product Properties

Easy-to-use cellulose-based grainy fibre plaster for extensive full surface levelling and texturing of old and new build walls. After through-drying is robust, abrasionproof and durable. Apply plaster with trowel and float with approx. 1 mm thickness per coat. Hair-line cracks and minor structural defects and unevenness can be covered permanently with one to two coats. Saves time-consuming preparation work, can therefore be used efficiently and universally. Extremely valuable room climate properties due to high diffusion and sorption capacity.

### 1.1. Composition

- Beechwood cellulose, casein, vegetable oils and tree resins
- Mineral pigments: lightfast and of natural origin
- Quartzitic texture grain approx. 0.4 mm
- Free from plasticisers and synthetic resins
- Solvent-free, low emissions and low VOC
- "Transparent recipe": see AGLAIA full declaration

### 1.2. Technical properties

#### 1.2.1. Overview

- Use on interior surfaces
- pH-neutral, also suitable for saponifiable substrates
- Ready-to-use, no soaking necessary
- Fibre reinforcing effect on hairline cracks
- Can be renovated repeatedly without forming surface tension
- Extremely sorbable and water vapour permeable
- Outstanding room climate properties

#### 1.2.2. Important building physics characteristics

Parameter	Value	Conformity
Density <sub>20°C</sub> :	1.37 kg / L	
pH value <sub>20°C</sub> :	8	
Dynamic viscosity <sub>20°C</sub> :	22,000 mPas	
W <sub>24</sub> value:	2.00 kg/(m <sup>2</sup> h <sup>1/2</sup> )	
s <sub>d</sub> value (H <sub>2</sub> O):	0.05 m	
Grain size:	coarse (0.4 mm)	EN 13300
Gloss level at 85°C:	dull matt	EN ISO 2813
Flammability class:	A2 Non-flammable	EN 13501-1, DIN 4102
VOC content (max.):	3 g / L	ChemVOCFarbV (Regulations limiting VOC emissions of paints and lacquers), Cat. A / a

#### 1.2.3. Colour

- Natural White.
- Can be colour glazed with the AGLAIA Wall Glazing Technique. Can be coated over with AGLAIA Casein Paint, white or tinted in a pastel colour.

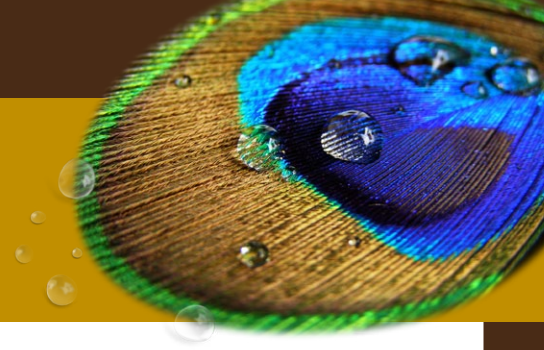
## 2. Use

### 2.1. Substrate requirements

- The substrate must be clean, dry, firm and stable and must be free from efflorescent and separating substances.
- Check drying and strength of new plaster.
- Carefully make good chipped surfaces and misses with the same type of material and the same texture.
- Use plaster to repair cracked substrates. Carefully fill chipped surfaces and misses with the same type of material and the same

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texture. Smooth rough surfaces with filling compound, sand off or scrape off uneven plaster and burrs. Not suitable for roughcast plaster.

- Reinforce lightweight boards with mesh, fill and sand until flat. Substrates with individual hairline cracks and minor structural defects can be coated all over directly with AGLAIA Renovation Plaster. Examine critical areas and try out product on a test area on site.
- Ensure uniform substrates and careful application on high visual quality surfaces and in glancing light.
- Grainy fibre plasters are not very suitable for ceiling areas as it is more difficult to achieve uniform texturing when applied overhead. Recommendation: Nonwoven wall covering and AGLAIA Natural Resin Paint.

## 2.2. Brief information on the standard system

- Apply one or two coats of AGLAIA Renovation Plaster with approx. 1 mm thickness per coat.
- Determine filling property, application method and texturing by trying out on a test area.
- Apply priming coat of AGLAIA Natural Resin Bonding Coat on smooth substrates and old coatings.
- Seal rust and water stains with AGLAIA White Isolating Primer. Cellulose plasters are not suitable for efflorescent substrates. If in doubt try out on a test area.

## 2.3. Substrate and preparatory treatment

- **Lime plaster (PI/CSII), lime-cement plaster (PII), cement plaster (PIII), calcium silicate, gypsum plaster, gauging plaster:**  
Check drying and strength of plaster or render. Check new plaster for sinter skin; remove any sinter skin found by sanding. Prime absorbent plaster with AGLAIA Wall Primer, thinned with 2 parts water. Consolidate superficially sanding, but nonetheless firm plaster with AGLAIA Penetrating Primer (solvent-based!). Precoat smooth gypsum plasters with AGLAIA Natural Resin Bonding Coat.
- **Gypsum boards:**  
Ensure proper installation and required surface quality and evenness tolerances under the given on site and glancing light conditions (VOB/C and quality level 3 or 4, according to good practice guide No. 2 issued by the German gypsum industry association (Bundesverband der Gipsindustrie e.V.)). Prime gypsum board all over with AGLAIA Natural Resin Bonding Coat. Alternatively: full surface bonding of nonwoven wall covering on lightweight building boards. Please note: In the long term, cracks are possible in the area of the joints between lightweight building elements.
- **Wood-based materials (particleboards, MDF):**  
Precoat with AGLAIA Penetrating Primer and AGLAIA White Isolating Primer. Always try out on a test area on site. Not suitable for surfaces exposed to splashing or spray water, e.g. in sanitary units.
- **Calcium silicate masonry, brick:**  
Clean thoroughly, check for absorbency, moisture damage and efflorescence (e.g. salt edges). Make good crumbling bricks and joints. Coat highly absorbent substrates with AGLAIA Penetrating Primer, apply base coat with AGLAIA Natural Resin Bonding Coat.
- **Concrete:**  
Thoroughly clean with water and formwork release oil remover and rinse off with clean water. Test the wettability of the cleaned substrate by spraying on water. Prime highly absorbent areas with AGLAIA Wall Primer, thinned with 2 parts water. For an even wall design, free from voids or shrink holes, coat the whole surface with cement filler or nonwoven wall covering. Do not plaster over permanently elastic expansion joints.
- **Nonwoven wall covering, fabric:**  
Check for full, stress-free bonding of whole surface, including in the area of joints. Suitable only for waterproof mesh and reinforcement that can be plastered over. Remove carefully lining papers, wallpapers and wood chip wallpapers, including glue and paste residues.
- **Old coatings:**  
Clean thoroughly matt, absorbent and fully adhering synthetic resin or natural resin-based emulsion coatings, precoat with AGLAIA Natural Resin Bonding Coat. Remove lacquer, oil and latex coatings, if necessary degrease, sand down surface until matt and precoat with AGLAIA Natural Resin Bonding Coat. Brush off chalking coatings. Renovate highly alkaline limewash and silicate system coatings with BEECK Mineral Paints.
- **Unsuitable substrates** are less stable, efflorescent and non-porous substrates, e.g. clay or loam, wallpapers and plastics.
- **Defective substrates** require a differentiated approach. Rooms with continuously high humidity and mould problems are unsuitable. AGLAIA Renovation Plaster can be coated over with BEECK Calcidin; this synthetic resin-free, highly alkali limewash paint counteracts traces of mould. Apply a renovation plaster to damp, salt contaminated surfaces, basement walls and base areas, and coat with BEECK Mineral Paint.

## 2.4. Application instructions

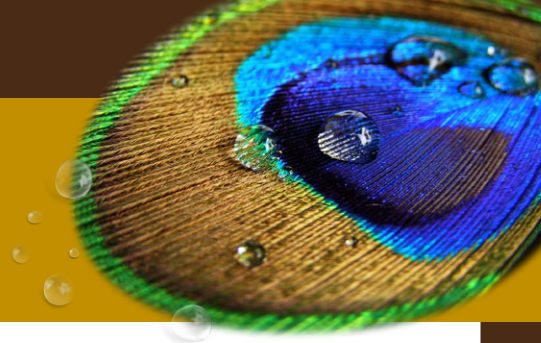
### 2.4.1. General information

Check substrate suitability as required (see 2.1 and 2.3). Pay particular attention to the absorbency, strength and texture of the respective substrate. Try out on a test area before using on high quality and critical surfaces. Ensure that the product is used by qualified persons only.

- Carefully cover surfaces which are not to be treated – especially floors, windows, furniture and expansion joints – and protect them from splashes.
- Only use containers from the same production batch for use on self-contained areas.

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- Ensure sufficient qualified workers and smooth, uninterrupted coating process.
- Before use, stir AGLAIA Renovation Plaster thoroughly with a powered mixing paddle before use.
- Ready-to-use, no addition of water necessary.
- Do not apply on heated or chilled through areas.
- Minimum application temperature: +16°C.
- Drying time: at room temperature at least 12 hours per plaster coat.
- Ensure sufficient ventilation (purge ventilation) and heat (room temperature) for several days for drying.

## 2.4.2. Application

Apply with plaster trowel and float. Apply on self-contained areas seamlessly, with a thin coat and uniformly in one continuous pass with a cross coat. Apply and texture plaster uniformly, smoothly and seamlessly, avoid grain pockets and excessive coat thicknesses. Check for uniform grain distribution and waviness in glancing light.

### • Application:

- Stainless steel floats (smoothing trowels) are suitable tools for application and texturing. Application thickness approx. 1 mm per plaster coat.
- In public use areas can also be applied efficiently using suitable plastering machines (e.g. WAGNER Plastcoat PC5; nozzle 8 mm).
- A fine moulding plaster texture with directionless, slightly visible plaster burrs is an ideal finish. Smoothing or subsequent spreading by felting or rubbing is not possible. Aim to achieve a professionally plastered surface.
- One to two coats as required as required, drying time at least 12 hours per plaster coat.

## 2.5. Auxiliary products

- AGLAIA Wall Primer: Priming absorbent substrates.
- AGLAIA Penetrating Primer: Consolidator for crumbly and efflorescent substrates.
- AGLAIA White Isolating Primer: barrier primer for efflorescent substrates.
- AGLAIA Natural Resin Bonding Coat: Bonding agent with fine grain (0.4 mm).
- AGLAIA Casein Paint: casein emulsion coating without texture grain.
- AGLAIA Beeswax Glaze Binder: for the coloured AGLAIA Wall Glazing Technique.

## 3. Application Rate and Container Sizes

The application rate, i.e. the quantity required is approx. 1.1 kg AGLAIA Renovation Plaster per m<sup>2</sup> and 1mm plaster coat. Determine texture and substrate-related application differences and the number of passes by trying out on a test area in the building, especially on rough substrates.

**Container sizes:** 6 kg / 18 kg

## 4. Cleaning

Thoroughly clean equipment, tools and soiled clothing with water immediately after use.

## 5. Storage

Stored cool and frost-free in the original container can be kept for at least 12 months. Use up opened container as soon as possible.

## 6. Safety Instructions

- Comply with the Safety Data Sheet. Avoid contact with skin and eyes. Repeated contact may cause allergic reactions in people who are particularly sensitive. For details of product composition refer to AGLAIA full declaration. Even natural products are not free from emissions. Ensure sufficient ventilation and heat. Do not occupy rooms until they are through-dry and all odours have dissipated. Do not breathe vapour, spray and dust. Carefully cover the area surrounding the surfaces to be coated, wash off splashes immediately with water. Keep out of the reach of children. Dispose of in accordance with the legal regulations.
- Waste code (EWC code): 080112

## 7. Declaration

This technical information is offered as advice based on our knowledge and practical experience. All information and tips are provided without guarantee and do not establish rights to make any claims of any kind whatsoever. The information provided does not release the user from their responsibility to check the product's suitability and application method for the specific substrate on which it is to be used. Subject to change without notice as part of our product development. Additives for tinting, thinning, etc. are not permitted. Check the colours before use. This information sheet becomes invalid automatically when a new edition is issued. The information in the current version of the Safety Data Sheets is binding for classification according to the Hazardous Substances Regulations, disposal, etc.

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