

## AGLAIA FULL COLOR WALL PAINT

Natural resin dispersion paint, toned with mineral pigments. For use as a full-color paint or for toning AGLAIA Resin Wall Paints. Washable according to DIN 53 778. Exclusively made from natural raw materials.



### Ranges of Application:

Toning paint for toned wall coatings based on AGLAIA Resin Wall Paints. Mixable in any ratio with AGLAIA NATURAL RESIN PAINT, see proposed colors and reference formulations in our Color Chart. Some AGLAIA Wall Paints, such as AGLAIA HARD-WEARING WHITE or AGLAIA ROLL-ON PLASTER, can only be toned to pastel intensity.

As a full color paint, also for decorative wall paintings or template techniques, in kindergartens, schools and representative buildings. Abrasion-resistant and non-chalking after drying. Recommended from a biological and ecological building point of view for creating an agreeable room climate. Suitable for coarse grained wall papers, lime and gypsum plasters, light-weight building elements and recoatable old coatings.

### Processing:

► For toning:

Thoroughly stir up AGLAIA FULL COLOR WALL PAINT. Then stir in AGLAIA Resin Wall Paint white for toning. Carefully mix using an electrical stirrer (drilling machine with a stirring whirl) until a uniform color tone is obtained. Check color by making samples.

► As a full color paint:

Thoroughly stir up AGLAIA FULL COLOR WALL PAINT. Apply by brush, roller or airless spraying. For use as a base coat, thin with up to 10 % water. Top coat no sooner than 8 to 12 hours later, thinned with up to 5 % water. Ensure a uniformly covering application and a lap-free coating of adjacent surfaces.

For a semi-glazing application, full colors can be diluted with 30 to 40 % water. Test for surface suitability and application method by making samples. Prime absorbent surfaces, in particular gypsum, with AGLAIA PRIMER beforehand, see Surface and Pretreatment on the backside of this information sheet.

### Technical Features:

Easy-use, toned natural resin wall paint of high color intensity and excellent covering qualities. Through exclusive use of anorganic mineral pigments, absolutely color fast and non-fading. Washable according to DIN 53 778. Full diffusion and absorption capacities:

### Water absorption and water-vapor diffusion characteristics:

$W_{24}$ -value: 0.2 kg/(m<sup>2</sup>h<sup>1/2</sup>)

$s_d$ -value (H<sub>2</sub>O): 0.1 m

### Physical/Technical Characteristics:

Density: 1.3-1.4 g/cm<sup>3</sup>

pH Value: 9

Dynam. viscosity: 6,000 mPas

### Color tones:

Black, brown, red oxide, umber, ocher yellow, green, ultrablue, lemon yellow, see Color Chart.

Can be mixed in any ratio with each other and with AGLAIA RESIN WALL PAINT WHITE.

AGLAIA HARD-WEARING WHITE and AGLAIA ROLL-ON PLASTER can only be toned to pastel intensity.

### Drying:

Under normal conditions, touch dry after 2 hours, safe to coat after 8 to 12 hours. Safe for regular use after 3 to 4 weeks. Ensure proper ventilation while drying.

### Yield:

On moderately absorbent, smooth surfaces: approx. 0.13 l per coat and m<sup>2</sup>.

### Available Sizes:

0.125 l, 1 l and 5 l.

### 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, Talcum; [2]: Beech cellulose, Mica, Zinc white, Dehydrated castor (stand) oil, Colophonium glycerol esters, Citrus peel oil; [3]: Lecithin, Lipophilic swelling clay, Boric salts, Shellac, Turkey red oil, Methylcellulose, Milk casein;

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Plus pigments according to color:

Black: [1]: Iron oxide black; Brown: [1]: Iron oxide brown; Red oxide: [1]: Iron oxide red; Umber: [1]: Umber; Ocher yellow: [1]: Iron oxide yellow; Green: [1]: Chrome oxide green; Ultrablue: [1]: Ultramarine blue; Lemon yellow: [1]: Nickel-titanium yellow.

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%

### 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 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. For surfaces that show fine cracks or minor structural discrepancies, a grain-enriched base coat with AGLAIA ROLL-ON PLASTER is recommended.

Reinforce the 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 (Plc), Lime based cement plaster (PII):

Precoat normally absorbent plaster with AGLAIA FULL COLOR WALL PAINT, thinned with up to 10 % water. Prime strongly absorbent plaster with AGLAIA PRIMER, thinned with 2 parts water. Use AGLAIA PENETRATING PRIMER for solidifying crumbly, sanding plasters.

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

Prime with AGLAIA PRIMER, thinned with 2 parts water. Only gypsum plaster boards impregnated to become water-repellent (wettability test!) will not require priming.

► 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, subsequently precoat with AGLAIA INSULATING WHITE. Make samples to be sure!

► Concrete, Fibrocement:

Thoroughly remove remainders of molding oil from concrete with soap water. Wettability test with clear water. Prime strongly absorbent surfaces with AGLAIA PRIMER, thinned with 2 parts water.

► Lime sandstone, Brick:

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

► Coarse grained wall paper, Glass-fiber and Textile fabrics:

Check for full-surface adhesion, also in the seam areas.

► Old coatings:

Check for recoatability and adhesion. Carefully clean and directly coat old, matt coatings of wall paint, using AGLAIA FULL COLOR WALL PAINT. Degrease shiny oil or latex coatings with off-the-shelf alkaline solution or ammonia water (approx. 2 %), matt-sand and, if required, precoat with AGLAIA RESIN BONDING COAT. Old non-washable distempers will easily get soaked when in contact with water, and should be completely removed using water and a brush. Carefully brush chalking lime and silicate coatings.

### 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 Remainders (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.