

## AGLAIA ECONOMIC WHITE

Covering white, abrasion-resistant wall paint for all coatable surfaces indoors. Solvent-free and highly water-vapor permeable. Exclusively made from natural raw materials.



### Ranges of Application:

For universal use in living and business areas as a cost effective interior paint on all coatable walls and ceilings. Perfect for coarse grained wall papers, lime, cement and gypsum plasters, concrete, light-weight building elements and renovation of recoatable old coatings. Recommended from a biological and ecological building point of view for creating an agreeable room climate.

### Processing:

Thoroughly stir up AGLAIA ECONOMIC WHITE prior to use. Apply by brush, roller or airless spraying. Thin with up to 10 % water according to surface and application method.

For use as a base coat, thin with up to 10 % water. Apply finish coat no sooner than after 8 to 12 hours, undiluted or thinned with up to 5 % water. Prime absorbent surfaces, in particular gypsum, beforehand with AGLAIA PRIMER thinned with 2 parts water, see **Surface and Pretreatment** on the backside of this information sheet.

### Technical Features:

Easy-to-process, white-matt natural resin dispersion paint. High whiteness and excellent covering qualities. Abrasion-resistant and low tendency to pick up dirt when completely dry. No static build-up. Best 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): 0.09 m

#### Physical/Technical Characteristics:

Density: 1.38 g/cm<sup>3</sup>

pH Value: 9

Dynam. viscosity: 6,000 mPas

#### Color tone:

White. Also available factory-toned, according to AGLAIA NATURAL RESIN COLOR CHART or reference sample (only pastel). Can be toned to pastel intensity when using AGLAIA FULL COLOR WALL PAINTS.

### Drying:

Under normal conditions, touch dry after 2 to 3 hours, safe to coat after 12 hours. Safe to resist mechanical stress after 3 to 4 weeks. Ensure proper ventilation while drying.

### Yield:

On moderately absorbent, smooth surfaces: approx. 0.13 to 0.14 l per coat and m<sup>2</sup>.

### Available Sizes:

1 l, 5 l and 10 l.

### Cleaning:

Clean appliances, tools and clothes with soap water immediately after use. Only remove roller from paint when work is fully completed.

### 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. Completely free of synthetic preservatives.

### Composition:

Full declaration according to the quality standards of the Association for Natural Colors (AGN):

[1]: Tap water, Chalk; [2]: Aluminum silicate, Diatomaceous earth, Beech cellulose, Talcum, Titanium dioxide, Zinc white, Mica, Dehydrated castor (stand) oil, Dammar resin, Colophonium glycerol esters, Refined linseed oil; [3]: Beeswax soap, Shellac, Lipophilic swelling clay, Lecithin, Methylcellulose, Boric salts, Turkey red oil, Milk casein, Lavender oil, Thyme 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%

## AGLAIA ECONOMIC WHITE

### 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 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 ECONOMIC WHITE, 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. 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 first!

- ▶ 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. If necessary, 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 wall paint coatings using AGLAIA ECONOMIC WHITE. 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.