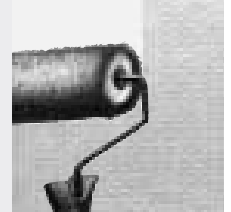


AGLAIA HARD-WEARING WHITE

Special, solvent-free wall paint for high traffic surfaces indoors. Wear-resistant according to DIN 53 778. Covering white. Available glossy or satin-matt. Exclusively made from natural raw materials.



Ranges of Application:

In private homes as well as commercial, industrial and public buildings for all high traffic wall. Especially in hospitals, kitchens, hallways or stairway halls. Cleanable and disinfectant-resistant. Special wall paint ecologically recommended as an alternative to off-the-shelf artificial resin „latex paints“. Suitable for fabric and coarse grained wall papers, gypsum, lime and cement plasters, light-weight building elements and recoatable old coatings.

Processing:

Carefully stir up AGLAIA HARD WEARING WHITE. Apply by brush, roller or airless spraying, but always lap-free. For use as a base coat thin with 5 to 10 % water, for use as a top coat dilute with up to 5 % water. For a regular look and full capacity, apply twice. Drying time per coat: 12 to 16 hours. Ensure an air and surface temperature of at least 13° C during application. Prime absorbent surfaces, such as gypsum, with AGLAIA PRIMER, see **Surface and Pretreatment**.

Technical Features:

Particularly hard-wearing natural resin dispersion paint with excellent covering qualities. Available glossy or satin-matt. Wear-resistant according to DIN 53 778. Proven successful in many commercial, industrial and public buildings, easy to clean and abrasion-resistant. Resistant against cleaning agents and disinfectants commonly used in households and by cleaning personnel. Solvent-free. Due to a naturally limited diffusion capacity, less recommended for living, work or bedrooms.

Water absorption and water-vapor diffusion characteristics:

W_{24} -value: < 0.1 kg/(m²h^{1/2})
 s_d -value (H₂O): > 0.5 m

Physical/Technical Characteristics:

Density: 1.20 g/cm³
 pH value: 8
 Dynam. viscosity: 8,000 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 about 24 hours. Low temperatures, bad ventilation and thick layers delay the drying process. Safe for regular use after 4 weeks. Ensure proper ventilation and heat while drying.

Yield:

On moderately absorbent, smooth surfaces: approx. 0.15 to 0.16 l per coat and m².

Available Sizes:

1 l, 5 l and 10 l.

Cleaning:

Clean appliances and clothes with concentrated soap solution. Do not remove tools from paint prior to completion of work.

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, Titanium dioxide, Dammar resin, Dehydrated castor (stand) oil; [2]: Chalk, Diatomaceous earth, Talcum, Zinc white, Shellac soap; [3]: Lecithin, Swelling clay, Methylcellulose, Boric salts, Refined linseed oil, Ultramarine blue, Thyme oil, Lavender oil, Mn/Zr drying agents.

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, etc. 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. AGLAIA ROLL-ON PLASTER, fine or coarse is recommended as a grain-enriched primer for surfaces that show fine cracks or minor structural discrepancies. 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):
Precoat normally absorbent plasters with AGLAIA HARD WEARING WHITE, thinned with 10 % water. Prime strongly absorbent plasters with AGLAIA PRIMER, thinned with 2 parts water. Solidify crumbly, sanding plasters with AGLAIA PENETRATING PRIMER. Not suitable for pure lime plasters (PIa, PIb).

► 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 (wetting 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 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. No special priming required for insignificant absorbency.

► 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:

Ensure 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 HARD WEARING WHITE. Degrease shiny oil or latex coatings with off-the-shelf alkaline solution or ammonia water (approx. 2 %) and, if necessary, sand. Completely remove old non-washable distempers with a brush and water. Carefully brush chalking mineral coats.

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.