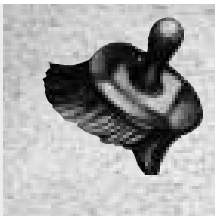
BEECK'sche FARBWERKE

Technical Information Sheet, Rev. 04/2001

AGLAIA SEALER

Water thinnable, diffusible primer for strongly absorbent surfaces (except plaster) and for use as a glaze binder for exposed concrete surfaces indoors. Exclusively made from renewable raw materials.



Ranges of Application:

Liquid, clear penetrating stopper for extremely porous and absorbent surfaces indoors, such as aerated concrete and lime sandstone. Further treatment with AGLAIA wall paints. Also appropriate as glaze binder for wall glazing techniques on exposed concrete surfaces. Recommended from a biological and ecological building point of view for creating a pleasant room climate. The use of AGLAIA PRIMER is recommended for gypsum-based surfaces and mineral plasters.

Processing:

Shake container well before use.

▶ For use as a primer for aerated concrete or lime sandstone: Thin with 10 % to 30 % water depending on absorbency. Apply one to two coats for a saturated surface, using a soft ceiling brush. Thoroughly remove excess primer.

▶ For use as a glaze binder for facing concrete surfaces: Wet AGLAIA PIGMENTS (see Color Chart) in 1 part water and add 2 parts AGLAIA SEALER. Pretest for pigment compatibility. Thoroughly stir up and apply lap-free using a soft oval or a wide, flat brush. Further glaze coats (a total of 2 - 3) can be applied after 2 hours each.

For more information about Surface and Pretreatment, see below.

Technical Features:

AGLAIA SEALER is a water thinnable, clear primer for porous mineral building materials. Reduces the absorption capacity and has a reinforcing effect. Does not produce a surface film when applied in saturating, non-excessive coats. Virtually solvent-free and easy to process. Fast drying and absolutely non-yellowing, therefore especially indicated as a glaze binder for facing concrete surfaces.

Water absorption and water-vapor diffusion characteristics:

W_{24}-value: 0.5 kg/($m^2h^{1/2}$)

s_d-value (H_2O): 0.1 m

Physical/Technical Characteristics:

Density: 1.03 g/cm^3

pH Value: 7

Dynam. viscosity: 100 mPas

Color tones:

Clear. For glazing technique on facing concrete surfaces, a wide variety of AGLAIA PIGMENTS (see Color Chart) are suitable, except for some partly incompatible earthen colors (pretest!).

Drying:

Under normal conditions, safe to coat after 2 hours. Completely dry after 3 days. Ensure proper ventilation while drying.

Yield:

On moderately absorbent, plane surfaces: approx. 0.07 to 0.12 l per coat and m^2.

Available Sizes:

0.25l, 1 l, 3 l, 10 l and 30 l.

Cleaning:

Clean appliances, tools and clothes with water immediately after use.

Storage:

Lasts at least 12 months when stored cool and frost free 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; [2] Shellac, Milk casein, Citrus peel oil, Borax; [3] Thyme oil, Olein, Dammar resin.

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. Dry-brush water marks and efflorescing substances and seal spots with AGLAIA SHELLAC INSULATING PRIMER or larger areas with AGLAIA INSULATING WHITE.

Suitable surfaces:

▶ Lime sandstone, Aerated concrete, Brick:

Brush thoroughly. Prime strongly absorbent masonry using AGLAIA SEALER, thinned with 30 % water. Soak aerated concrete well, apply freely. For smooth, dense hard-burnt brick preferably use AGLAIA RESIN BONDING COAT.

▶ Concrete, Fibrocement:

Use AGLAIA SEALER as a primer or glaze binder as described under **Processing**.

Primer seal unsuitable surfaces, such as mineral plasters, gypsum or wood based materials, using AGLAIA PRIMER, AGLAIA RESIN BONDING COAT or AGLAIA PENETRATING PRIMER.

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.

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