

AGLAIA PENETRATING PRIMER

Universal primer for absorbent mineral or organic surfaces indoors. Especially for use as a transparent first coat on cork, floor tiles or wood based materials. Exclusively made from natural raw materials.



Ranges of Application:

For solidifying and priming porous surfaces, especially cork floors or unglazed floor tiles for subsequent treatment with AGLAIA HARD RESIN OIL. As a primer for wood based materials such as chipboards, for insulating water-soluble, bleeding substances, in particular when supposed to be coated with AGLAIA wall paints or fiber plasters. Also for solidifying sanding, crumbly mineral plasters indoors, see Surface and Pretreatment. For solid wood use AGLAIA WOOD PRIMER or AGLAIA PORE FILLER, depending on further treatment.

Processing:

Shake AGLAIA PENETRATING PRIMER well before use. Apply by brush, spray gun or flow coating. Whatever method you choose, the surface must be well saturated, i.e. apply as much AGLAIA PENETRATING PRIMER as the surface can absorb. Remove non-absorbed excess primer with a brush or rolled-up cloth after 20-30 minutes. Carefully sand off shiny spots of excess coating after drying. Retreat not yet saturated spots with AGLAIA PENETRATING PRIMER. One to two coats, according to requirements. Fine-sand (240 grit) prior to further treatment, especially surfaces capable of swelling such as cork or wood based materials. Allow to dry for at least 24 hours prior to subsequent treatment. For more information on Surface and Pretreatment, see backside of this information sheet.

Technical Features:

Resin-oil mixture dissolved in pure essential oils, with an excellent penetration and saturating power. Deeply impregnating and solidifying, water-repellent and non-swelling regarding water after drying. Reduces absorbency while maintaining the diffusion capacity of the surface. Transparent when dry with a most attractive „grain-raising“ effect, i.e. intensifying the wood's characteristic color and pattern, especially in light colored woods. Does not create a film when applied to saturation, as long as excess is removed. Thanks to high solids content economic coverage and easy to apply. Recommended from a biological and ecological building point of view as it creates an agreeable room climate.

Water absorption and water-vapor diffusion characteristics:

W₂₄-value: 0.1 kg/(m²h^{1/2})
s_d-value (H₂O): 0.1 m

Physical/Technical Characteristics:

Density: 0.88 g/cm³
Viscosity: < 50 mPas
Efflux time (3 mm ISO/20°C): 35 secs

Color tone:

Transparent.

Drying:

Under normal conditions, touch dry after 6 hours, safe to coat after 24 hours. Low temperatures and high humidity delay the drying process. Ensure proper ventilation while drying.

Yield:

Mainly depending on the absorption capacity of the surface: approx. 0.12 to 0.22 l per m².

Available Sizes:

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

Cleaning:

Clean appliances, tools and clothes with AGLAIA BALSAM LACQUER THINNER immediately after use.

Storage:

Lasts at least 24 months when stored cool and free of frost in the airtight sealed original container. Once opened, re-seal container airtight.

Composition:

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

[1]: Citrus peel oil, Refined linseed oil; [2]: Wood (stand) oil, Dammar resin, Colophonium glycerol esters;
[3]: Lecithin, Co/Zr/Ca 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. Thoroughly remove any grease or wax remainders with AGLAIA BALSAM LACQUER THINNER. Sand rough surfaces. Touch up open spaces and flaws to match style and structure. Reinforce cross joints of light-weight building boards with fabric, level out with filler and sand. Observe the board manufacturer's instructions.

Suitable Surfaces:

► Cork and Unglazed floor tiles:

Prime once or twice with AGLAIA PENETRATING PRIMER until saturated. Remove excess primer with brush or rolled-up cloth. Dull-sand shiny spots, if any, and rework still absorbent spots. Fine-sand prior to further coating, which is especially important for cork. Further treatment with AGLAIA HARD RESIN OIL no sooner than 24 hours later.

Point the joints of newly laid floor tiles and acidify after priming with AGLAIA PENETRATING PRIMER in order to avoid a pore-deep contamination of the tiles. Carefully wash off remainders of cement. When absolutely dry, finish with AGLAIA HARD RESIN OIL.

► Wood based materials, Chipboards and Wood based cement:

Prime once or twice, until saturated, with AGLAIA PENETRATING PRIMER for insulation of water-soluble, bleeding substances contained in wood chips and resins. Then precoat with AGLAIA INSULATING WHITE, especially when reworking with fiber plasters. Make samples.

For solid wood, AGLAIA WOOD PRIMER or AGLAIA PORE FILLER may be used as an alternative.

► Lime plaster (PIc), Lime based cement plaster (PII), Gypsum based lime plaster (PIVc), Gypsum (PIV):

Check fresh plaster for sinterskin (glass-like glossy, waterproof surface). If necessary, sand to make the plaster absorbent. Application for solidifying superficially crumbly, but recoatable and dry plasters. Thoroughly brush any sanding spots and apply AGLAIA PENETRATING PRIMER once or twice until saturated.

Further treatment no sooner than 24 hours later, e.g. using AGLAIA RESIN WALL PAINT.

Prime absorbent, but less sanding gypsum based surfaces alternatively with AGLAIA PRIMER, thinned with 2 parts water.

► Lime sandstone, Brick:

Carefully brush crumbly masonry down to the coatable core, replace loose mortar in joints. Apply AGLAIA PENETRATING PRIMER once or twice until saturated. Level out joints no sooner than 24 hours later, using AGLAIA FINE SURFACER. Sand smooth, dense hard-burnt brick and coat with AGLAIA RESIN BONDING COAT.

► Old coatings:

Carefully brush off chalking lime and silicate coatings and saturate with AGLAIA PENETRATING PRIMER. Further treatment e.g. with AGLAIA RESIN WALL PAINT. Non-washable distempers will soften when in contact with water and should be completely removed using water and a brush.

Safety Instructions and Disposal:

► Hazard Class: Flammable (VbF [Flammable Liquids Regulation] A II)!

When applying, keep away from any ignition source, refrain from smoking and ensure proper ventilation.

Cloths soaked in drying plant oils generate a risk of self-ignition. Therefore, always store in closed, airtight metal containers. 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.