

APPLICATION GUIDE

NATURAL INTERIOR WOOD TREATMENT WITH AGLAIA



Living with wood is attractive, homey and healthy - provided that the wood has been treated naturally. This doesn't necessarily refer to merely the „really“ toxic wood preservatives such as PCP, lindane or formaldehyde which could always be done without when working exclusively with only natural coatings. Wood treatment with AGLAIA means a wood-compatible, open-pored refinement, completely free of any artificial resins. The Full Declaration and the purely natural raw materials we use prove this fact.

Wood treatment has many faces: Glazing with toned wood glazes that keep the wood grain visible or varnishing using a pigmented covering oil varnish. Indoors, sealing or oiling and waxing is an alternative. You will find a chart on the backside of this page with details about AGLAIA systems proven successful in practice. For virtually any application, there also is a water thinnable and thus particularly sensitive alternative with AGLAIA AQUASOL.

When treated with oil or wax, the wood's particular character remains untouched – from a sensory, room climate and biological building point of view. Restrictions are only found where the wood is subject to increased scratching and water exposure. The solution for kitchen and bathroom equipment, work tops and parquets is, therefore, a natural oil sealing of the surface.

The following outline will give you details on the suitability of AGLAIA oil sealings, glazes and waxes for particular applications:

► Supporting wood constructions

such as roof timbers or supporting beams require a preventive chemical wood protection through use of an insecticide and fungicide (DIN 68 800). AGLAIA BORIC SALT IMPREGNATION meets construction supervision authority requirements (ask for the test certificate) and is, at the same time, safe for your health since boric salts are non-toxic and do not outgas into the ambient air. Concerning colors, visible beams may be painted or glazed, see Chart on the backside.

► Wood formwork and wooden ceilings

such as boarded sidings and panelings may be color glazed or transparently oiled or waxed. For large surfaces, preference should be given to a water thinnable, open-pored system, such as AGLAIA WOOD IMPREGNATION PRIMER followed by AGLAIA AQUASOL WOOD GLAZE, clear or toned. Wax applications with a rolled-up cloth are best on fine-sanded, planed woods. For rough, unplanned sidings, AGLAIA AQUASOL WOOD GLAZE clear or tinted is ideal.

► Solid wood furniture and doors

require an attractive, but abrasion-resistant, hard-wearing surface. AGLAIA PRECOATER, subsequently painted over with AGLAIA INTERIOR LACQUER will provide a glossy or satin-matt finish, white or toned. Observing the required coating order - including primer, intermediate sanding and one or two intermediate and finish coats each - is indispensable for obtaining a good result.

For glazing, AGLAIA WOOD GLAZES, clear or toned, are the first choice. High traffic surfaces may subsequently be sealed transparently with AGLAIA RESIN OIL SEALER. Suitable for kitchen and bathroom equipment and even water thinnable is AGLAIA AQUASOL OIL SEALER. Which primer fits the requirements best, mainly depends on the coating system, the wood type and the expected traffic. AGLAIA WOOD IMPREGNATION PRIMER is water thinnable and particularly suitable for light-colored wood with a transparent coating, if a color intensification of the wood is not required. It is also ideal for the interior of closets since it is absolutely odorless when dry.

AGLAIA WOOD PRIMER and AGLAIA AQUASOL PRIMER, however, as linseed oil containing primers are deeply water-repellent and in a perfect manner intensifies the color of light-colored or contrastingly grained woods. The making of samples is recommended whenever applied to oak, tropical woods or wood based materials because of possible discoloration or delayed drying.

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► Kitchen work tops

are under heavy stress due to water, grease, vinegar and other agents commonly encountered as well as scratches and abrasions. Waxed surfaces might be very attractive for kitchen work tops that are used every day, however, a two-coat application with AGLAIA RESIN OIL SEALER or AGLAIA AQUASOL OIL SEALER is recommended. Prime absorbent wood with AGLAIA WOOD PRIMER or AGLAIA AQUASOL PRIMER beforehand to saturation.

► Parquet and wooden floorboards

in living areas may be treated to become easy-care with AGLAIA HARD RESIN OIL, glossy or satin-matt. A water thinnable alternative for particularly sensitive areas is AGLAIA AQUASOL OIL SEALER. You will find more details on the treatment of cork and terracotta floors in our Technical Application Guide „Treating Floors with AGLAIA“.

The following chart will inform you about some commonly used AGLAIA systems for a natural wood treatment indoors. Based on the component and desired system (covering paint / glaze / sealer / oil & wax) the right coating order is easily determined. For more details on products, refer to the Technical Information Sheets.

Component:	Beams, Roof timbers	Siding Wall/Ceiling		Solid wood furniture Racks, Doors, Toys			Work desks	Parquet, Wooden floorboards		
	System:	Impregnation	Glaze	Oil & Wax	Paint	Glaze or Sealer	Oil & Wax	Sealer	Hard Oil/ Sealer	Oil & Wax
1. Priming:										
AGLAIA BORIC SALT IMPREGNATION	■									
AGLAIA WOOD IMPREGNATION PRIMER	□	●	●	●	●	●	●			
AGLAIA WOOD PRIMER				●	●		●	■		
AGLAIA PRECOATER				■						
AGLAIA AQUASOL PRIMER		●	●			■	●	■	■	
AGLAIA PORE FILLER							●			■
AGLAIA RESIN OIL PROTECTION							●			■
2. Finish coat:										
AGLAIA WOOD GLAZE	▲				▲					
AGLAIA AQUASOL WOOD GLAZE	▲	■				▲				
AGLAIA INTERIOR LACQUER	▲			■						
AGLAIA RESIN OIL SEALER					▲			■		
AGLAIA AQUASOL OIL SEALER	▲					▲		■	■	
AGLAIA HARD RESIN OIL								■		
AGLAIA LIQUID WAX						▲		□		■
AGLAIA FURNITURE WAX						▲				
AGLAIA AQUASOL HARD WAX	▲		■			□	■	□	□	■

■ = technically required

● = alternative applications within the category „primer“.

▲ = alternative applications within the category „finish“. One ▲ and one ● each are to be selected.

□ = recommended additional treatment

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.