Aqua HSL-36/m Premium Wood Protection Stain 3in1

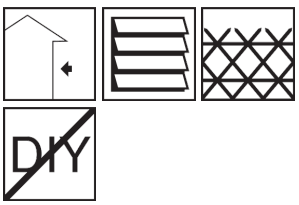
Fast-drying, efficient to apply, water-based premium wood protection stain with pronounced moisture and UV protection for exterior wood

Colour	Availability					
	Quantity per pallet	672	200	96	30	22
	Size / Quantity	**0,75 l**	**2,5 l**	**5 l**	**10 l**	**20 l**
	Type of container	Tin bucket	Tin bucket	Tin bucket	Tin bucket	Tin bucket
	Container code	01	03	05	10	20
	Art. no.					
matt						
clear	7051	■	■	■	■	■
light oak (RC-365)	7261		■	■		■
pine (RC-270)	7262		■	■		■
stone pine/larch (RC-260)	7263		■	■		■
teak (RC-545)	7264		■	■		■
nutwood (RC-660)	7265		■	■		■
palisander (RC-720)	7266		■	■		■
silver grey (RC-970)	7267		■	■		■
white (RC-990)	7268		■			■
special colour	7052		■	■	■	■

Application rate

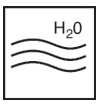
Approx. 150 ml - 200 ml/m² in at least 2 coats
Planed or very thick woods are less absorbent and may require a third coat

Range of use



- For use on exterior wood
- Wood without ground contact
- Wood building elements with no dimensional stability: e.g. fences, framework, carports, planking
- Wood building elements with limited dimensional stability, e.g. folding shutters, matchboarding, summerhouses
- Dimensionally stable wood building elements (when used as a primer only): e.g. windows and doors
- Primer, intermediate and finishing coats
- Particularly efficient application with a board coating machine
- Not suitable for coating flooring (terraces, wooden decking, etc.)

Property profile



- Low-build stain for uniformly matt, spot-free & brilliant stained surfaces
- 3 in 1: impregnation, primer and stain
- Protects wood from moisture and UV radiation
- Impregnation effect: saturates wood to protect against moisture
- Diffusion-open protective film: moisture can escape
- Water-repellent: wet surfaces dry quickly
- Protection against weathering (constructive protection and the protection provided by the product) reduces the risk of blue stain and rot
- Film protects coating against blue stain, mould and algae
- Water-based: does not give off any unpleasant odours and tools can be cleaned with water
- Quick drying: 2 coats can be applied in one day
- Hybrid binder mix: PU-reinforced alkyd resins & special acrylates for early water resistance, dirt resistance &

long-term protection
- Subsequent treatment without sanding

Characteristic data of the product

Binder	Acrylate/alkyd system
Density (20 °C)	Approx. 1.03 g/cm³
Pigmentation	Light-fast, highly transparent pigments
Odour	Mild, odourless once dry
Degree of gloss	Matt

The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

Possible system products

- **Aqua IG-15 Impregnation Primer IT* (7145)**
- **Induline SW-910 (3777)**
- **Aqua MSL-45/sm Medium Build Stain UV+ (7130)**
- **Aqua OML-48/tm Medium Build Oil Stain [eco] (7710)**
- **Aqua DSL-55 High Build Stain PU (7220)**

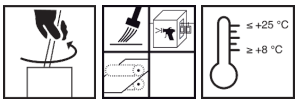
*Use biocidal products carefully.
Always read the label and product information before use.

Preparation

Substrate requirements
The substrate must be clean, dust-free and dry.
Dimensionally stable wood building elements: wood moisture content 11-15%
Wood building elements with limited or no dimensional stability: wood moisture content max. 18%

Substrate preparation
Completely remove old coatings (e.g. paints or medium-build stains), bark, bast and dirt.
Remove any loose and torn knots as well as resin that bleeds from the wood and clean with a suitable product (e.g. V 101 Thinner, a nitrocellulose or universal thinner).
Smooth, planed wood surfaces should be sanded and dusted before the coating is applied to ensure better absorption.
Observe BFS Code of Practice No. 18 "Coatings on Wood and Wooden Working Materials in Outdoor Areas".

Directions



Conditions for use
Temperature of the material, air and substrate: from min. +8 °C to max. +25 °C.

Stir well.
Brush, spaying in closed systems only, application machine
Apply in the direction of the grain.
Apply a second coat once the first has dried.
When coating continuous surfaces, only use materials with the same batch number as slight differences in colour, gloss and texture may occur.
Seal opened containers well and use contents as soon as possible.

Tips on use

Check colour, adhesion and compatibility with the substrate by setting up a trial area.
Before coating technically modified woods and wood-based materials, apply the product to a trial surface and conduct a suitability test on the desired area of use.
If the surface is overcoated with other products it is recommended to test the adhesion to the substrate.
Clear, white and hemlock are suitable for use only on not directly weathered surfaces in outdoor areas, such as roof eaves, or as base coat.
Due to the different covering properties of white and pastel varnish colours, the optical appearance may vary depending on the substrate. It must be checked in advance whether discolouration of the varnish may occur due to substances contained in the wood.
Due to the low UV protection of these colour shades, shorter maintenance intervals must be expected.
In order to take account of and clarify these issues, a trial surface must be prepared in order to ensure that the surface meets expectations.
Rainfall may cause water soluble substances to bleed from wood that is rich in such substances, e.g. oak, red cedar, afzelia, redwood, etc. This may lead to the discolouration of light-coloured masonry or render.
Pre-testing is recommended also on other woods.

In order to eliminate the need for wood preservatives as far as possible, the construction should have a water-repelling design (avoid horizonal surfaces, open end grain, capillary joints, areas where water and moisture can accumulate, contact with splashing water, sharp edges). If this cannot be guaranteed, or if a higher level of protection is required in outdoor areas, the untreated wood can be impregnated with Aqua IG-15-Imprägniergrund IT*. (*Use biocides safely. Always read the label and product information before use.)
Cut end-grain surfaces at the bottom to create a water-drip edge.
To protect against moisture, end grain and cut surfaces should be coated with Induline SW-910 after the varnishing coat.
Each layer of stain results in a more intense colour and a glossier finish.

Drying

Dust-dry: after approx. 1 hour
Can be coated: after approx. 2-3 hours
Practice values at +20 °C and 65% relative humidity.
Low temperatures, poor ventilation and high humidity delay drying.
Use a foamed protection foil between the single coated wood elements to avoid blocking.

Thinning
Ready to use
Dilute with max. 5% water if necessary.

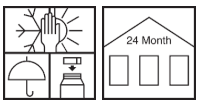
Notes

On planed larch and softwoods with a high resin content, the coating may have reduced adhesion and resistance to weathering. This is especially the case on horizontal year rings, knots and areas of winter growth that are high in resin. Maintenance and renovation must be carried out more frequently on these surfaces. The only remedy for this is pre-weathering or very coarse sanding (P80). If these wood types are rough-sawn, considerably longer maintenance and renovation intervals are to be expected.
Observe the regulations concerning design principles for wood protection.
Do not use on horizontal surfaces without drainage slopes and without edge radius, avoid accumulated moisture.

Tools / Cleaning

Paintbrush with synthetic bristles, spraying in closed systems only, application machine
Clean tools immediately after use with water.
Ensure that any residue from cleaning is disposed of correctly.

Storage / Shelf life



If stored unopened in its original container in a cool, dry place and protected against frost, the product will keep for at least 24 months.

Safety data / Regulations

For further information on the safety aspects of transporting, storing and handling the product and on disposal and environmental matters, please see the current Safety Data Sheet.

Disposal

Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.

Biocidal Products Regulation

Contains as "treated goods" a biocidal product (film preservative) with the biocidal active agent 3-iodo-2-propynyl butylcarbamate to protect the film from contamination by microbial organisms (algae, mould etc.). Always follow the directions carefully!

Contains a biocidal product (in-can preservative) with the biocidal agents CMIT/MIT (3:1) for protecting the container content from deterioration by microbial organisms (germs, yeast, etc.). Please note the processing guidelines carefully!

VOC content as per the "Decopaint" Directive (2004/42/EC)

EU limit value for the product (Cat. A/e): max. 130 g/l (2010).
This product contains < 130 g/l VOC.