

Wood protection system

Lesoton aqua decking stain

Thin-film water-based alkyd wood stain

Intended use

Lesoton aqua decking stain wood stain is a water-based alkyd paint for protecting wooden surfaces outdoors and indoors. It is used to protect wooden flooring, garden furniture, beehives, apiaries, playground equipment and balcony railings, and as a thin-film protective coating for other wooden surfaces such as façade timber, windows, balcony doors and entrance doors.

Properties

- easy to use
- does not form a film
- environmentally friendly
- fully vapour-permeable
- water-thinnable
- based on natural oils

Areas of use

- for protecting wooden flooring, garden furniture, beehives, apiaries, playground equipment...

Technical data*

Property	Value or instruction
Packaging	0.75, 1, 2.5, 4, 5, 10, 20, 200 or 1000 L
Application temperature	3°C above the dew point
Humidity during application	Minimum 30 and maximum 75% relative air humidity
Wood moisture content	Wood moisture content before treatment must be < 15%
Thinning	Do not thin before use, except in industrial processes by special agreement.
Theoretical consumption	For one coat, approx. 0.1L is required per m ² .
Colours	Available in standard colours: colourless, pine, teak, walnut, rosewood, ebony, mahogany, chestnut, larch, oak, forest green, olive green and other colours on request.
Solids content By mass	22-26
Density 20°C	approx. 1.04 - 1.08 g/ml, depending on colour
VOC content	IIA(f), 130 g/l (2010); product contains: max. 30 g/l

(*All technical data stated in this technical data sheet are based on laboratory tests. Actual data may vary depending on conditions of use beyond our control. dft = dry film thickness.)

Substrate preparation

New untreated wood

Before treatment, the wood must be neither too dry nor too damp, as either condition can cause structural instability: warping, cracking, swelling or shrinkage.

Wood must be correctly installed and must not be in contact with the ground. Horizontal surfaces and cut ends should be given additional mechanical protection, or provision should be made for water to drain off. The smoother the surface, the better the final appearance. For an excellent finish, we recommend light sanding before each coat. Before each coat, remove dust and other impurities from the surface and tools that could adversely affect paint adhesion and the final appearance.

Application conditions

Temperature: 5° - 30°C

This temperature applies to the air, substrate and material. The surface must be visibly dry.

Relative air humidity: 30% - 75%

Material preparation and use

Application procedure:

Apply to wood by brush, sponge, spraying, dipping or flow coating.

Application quantity:

For one coat, approx. 0.1L of Lesoton aqua decking stain is required per m². For effective exterior wood protection, we recommend two coats.

Paint preparation:

Stir the paint thoroughly before use to incorporate any sediment and obtain a homogeneous mixture.

Interval between coats:

24 hours, depending on drying conditions.

Storage/transport

The storage period is 3 years. Store between +5 and 25°C. Reseal opened containers tightly after use. Store in the original container with access restricted to professionals.

Additional warnings

Special instructions:

Close the container tightly after use to prevent air from affecting the paint. Transfer small amounts left after painting into smaller containers, filling them completely and sealing them tightly to exclude air. Store the paint only in full, tightly closed containers; otherwise, it may polymerise (gel) over time.

When renovating previously painted surfaces, we recommend mixing Lesoton aqua decking stain in the selected colour with colourless Lesoton aqua decking stain in a 1:1 ratio to prevent the wood from darkening.

The colourless shade, including the version with UV protection, is recommended for indoor use only.

Notes

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Chemcolor's liability for any claim, including negligence or strict liability for loss or damage arising from work carried out, connected with or resulting from the use of the products, shall in no circumstances exceed the purchase price of the products or the part of the products giving rise to the claim. In no circumstances shall Chemcolor be liable for consequential or incidental damage.

Protective measures:

- Forced ventilation must be provided when applying the material in enclosed, unventilated spaces. The material must not be applied near open flames or welding operations.
- Wear protective equipment while working, including gloves, goggles and other required protection.
- Change contaminated clothing and wash hands before eating and after finishing work.
- Follow the safety warnings on the packaging label.

Important warnings:

- Uncured/unbound material must be disposed of in accordance with applicable regulations. Fully cured material may be disposed of at municipal landfills in accordance with applicable regulations.
- Detailed safety precautions and physical, toxicological and ecological data for the product are provided in the safety data sheet, available from the Chemcolor sales department or at www.chemcolor.si.

These data are based on our experience to date and careful research. Site working conditions and knowledge of the work affect the quality of application. Successful work depends on professional assessment of the substrate at acceptance and practical experience in selecting the appropriate product. Please also follow the manufacturer's recommendations and the safety data sheet for the product when working.