

ALCHIMIA

Two-component water-based solution for removing pink discoloration from American oak

Water-based two-component product for eliminating the pink coloration from American oak. Easy to use, solvent-free and odorless, it can be overcoated with oil-based finishes, two-component water-based varnishes, or UV and LED finishes.

It can be used in a single step by mixing the two components, or alternatively as a two-step system by applying Alchimia 1 and Alchimia 2 separately.



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Technical data at 20 °C, 60% R.H.

	Alchimia 1	Alchimia 2
Appearance	Clear liquid	Whitish liquid
Mixing ratio	1:1 by volume	1:1 by volume
Mixture pot-life	5 – 6 hours	5 – 6 hours
Density	1.0 Kg/litre	1.0 Kg/litre
pH	3,0 – 4,0	10,0 – 11,0
Possible dilution	Water, in any proportion	Water, in any proportion
Coverage	5 – 10 m ² /litre	5 – 10 m ² /litre
Application temperature	> 10° C	> 10° C
Storage	12 months in original sealed containers	12 months in original sealed containers
VOC	0	0
Tool cleaning	Water	Water
Available packaging	4 litre buckets	4 litre buckets

Instructions for Use

The wood to be treated must be raw, free from any traces of varnish, oil, or wax.

Before proceeding with the treatment, it is recommended to carry out preliminary tests on each batch of wood to verify that the effect is as desired.

Single-step application

Shake both components well before use, especially Alchimia 2, and ensure there is no residue at the bottom of the container. Mix Alchimia 1 and Alchimia 2 together in a 1:1 ratio and homogenize the solution. Prepare only the quantity expected to be used within 5–6 hours. Apply a generous coat using a brush, roller, or other suitable application method. The product must be applied until saturation: ensure application of 100–200 g/m². The yield is indicative and depends on the type of wood and its preparation. Stir the mixture periodically during application to ensure consistent product application. Mixtures older than 5–6 hours can be added to fresh mixture but must be used by end of day.

Allow the treated wood to dry for at least 12 hours, then brush thoroughly and vacuum the dust formed. Use a mechanical brush or single-disc machine with green or red pad. Proceed with applying the finish, which can be oil-based, two-component water-based varnishes, UV and LED finishes. Staining systems like Idrofondo Industry, Belle Epoque or Tintoretto Design may also be used. Refer to their technical data sheets for application methods.



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Two-step application

Shake Alchimia 1 well. Apply a generous and uniform coat using a brush or roller and let it penetrate for 10–15 minutes. Ensure there are no visible liquid residues before proceeding.

Shake Alchimia 2 well and apply a generous and uniform coat using the same method. For best results, apply part 2 while the wood is still damp.

Allow the wood to dry and proceed with the finish as described in the single-step application.

Notes

- Synthetic brushes or rollers are preferable.
- Application can also be done by immersion.
- For more pronounced whitening, repeat the application cycle.
- Allow the wood to dry completely before evaluating the need for a second application.
- For milder effects, dilute part 1 and part 2 with water in any proportion.

Safety Instructions

Product for professional use. Strictly follow label instructions and consult the safety data sheet before use.

Disposal

Dispose of unused product and empty containers in accordance with local legislation.



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The advice in this technical bulletin is provided as a guideline and does not imply any liability on our part since the conditions and methods of use of the product are beyond our control. We recommend verifying its actual suitability for the intended use.

Rev 01 – 26/06/2025. This sheet cancels and replaces the previous one.