

Natural Chemistry Products



270

Hardwood Oil Finish

**Technical
Data Sheet**

**Interior Wood Finish
Deep penetrating, clear transparent, water-resistant**

- Application Range :** **outdoors (only limited) :** Use for weather protection, only where UV-protection is not required, i.e. this product protects wood from water and dirt penetration, but not from greying due to the influence of sunlight (UV - radiation).
indoors : May be used on all types of wood especially on hardwood surfaces. Enhances the wood grain and makes wood surfaces resistant to water and dirt penetration. Easy to keep clean. A final coat with a wax finish is recommended, especially on floors. Suitable for low- to medium-traffic floors and furniture. Easy to refinish by applying additional coats after a light sanding.
- Technical Properties :** Deep penetrating vegetable oil & tree resin based wood finish, creates an elastic, breathable and protective coating. Enriches the natural wood grain. Water-resistant.
- Mode of Application :** Apply thin by brush or spraying. Wipe off non penetrated material approx. 15-30 minutes after application with a cotton cloth.
Attention, when using natural oils on oak : Depending on wood dryness and grain direction already penetrated material can "bleed back" occasionally after wiping the excess material off. In such cases the surface must be wiped off repeatedly until it stops. This is not a standard case, but the exception.
- Coverage :** approx. 110 - 120 sqft per litre depending on absorption rate of surface
- Colour :** clear to slightly honey-toned (Gardner 3-4) may be tinted with a suitable stain paste. If using a stain, the wood must be conditioned by using primer #261 or by using 1 clear coat before the stain coat.
- Ingredients :** Light purified linseed oil & linseed standoil & Chinese Wood Oil blend, Eco-House Citrus Thinner, pine resin, lead-free driers, micro-cristalline wax, essential oil of rosemary.
- Dry Time :** 8 - 12 hrs. first coat, 24 hrs. further coats
- Thinning and Clean-up :** # 115 Eco-House Citrus Thinner for clean-up. Product is ready to use and does not require any thinning.
- Cautions :** **Oil-soaked rags are prone to spontaneous combustion. For your safety they must be stored safely after use in an air-tight metal container or sub-merged in water.**
- available Can Sizes :** 0.500 letter. / 16 oz. - 3.785 ltrs. / 1 US-gallon, larger sizes upon special request.
- Shelf - life :** 2 - 3 years, if stored cool and dry. Reseal opened containers air-tight.
- Disclaimer:** All informations and directions given in our technical data sheets are the results of thorough research and testing. They are meant to help you to achieve the expected results when using our products. None the less, due to the countless number of unpredictable circumstances beyond our control, NO LEGAL LIABILITY can be based on the content of these pages.

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**Technical
Instruction
Sheet**

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A. New Wood Surfaces :

Preparation

Surfaces must be dry, firm and free of dust or grease. If necessary, clean with # 115 Citrus Thinner. For best results the wood moisture content should be less than 20 %, ideally it should not exceed 16 % in softwood and 12 % in hardwood. Resin flows can be removed with Eco-House Citrus Thinner.

Conditioning/Priming with Light Linseed Primer Oil # 261

is technically necessary before use of any oil-based coloured stain. In all other cases the use of # 261 primer is just a more economical option. (see technical data sheet for # 261)

Finish Treatment with # 270 Hardwood Oil Finish

1. For optimal even saturation apply the first coat liberally, especially on highly absorbent wood and on end grain .
2. Wipe off not penetrated oil after 15 - 30 minutes with a cotton cloth and let dry thoroughly.
3. After at least 24 hrs dry time the treated surfaces should be sanded with a fine sand paper (220 - 320) , if necessary.
4. Apply 2 - 3 more *thin* coats with thorough drying and slight sanding in between 15-30 minutes after each coat any excess oil must be wiped off. With every coat the finish builds up from a matt sheen towards a semi-gloss finish.
5. Depending on the type of use a final treatment with # 300 Carnauba Floor Wax is recommended. Apply wax as per product instructions.

B. Renovating old finishes :

Old enamel paints, varnishes or waxes must be removed totally by sanding, chemical stripper and / or heat blower until the surface is as absorbent as new wood. Oil-type finishes just need to be cleaned and can be slightly sanded to increase absorbency. Further treatment as described before for new wood.

C. General Notes :

270 Hardwood Oil Finish can be used as a sole finish. Priming is only required before use of an oil-based *stain* finish.

Oil soaked rags can be a fire-hazard, if they are not disposed of properly. Make sure to store them in an airtight metal container or submerged in water to avoid spontaneous combustion.

Disclaimer : see front page

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