
BIOHOUSE[®] *Natural Oil Finish*

+Indoor +Outdoor +Maintenance +Industrial



BIOHOUSE, the Way of Nature

We commit ourselves to the research, production and promotion of oil finish, a kind of wood finish based on vegetable oils and natural resins.

It is long history that mankind has been using vegetable oils or natural resins to protect and beautify wood for thousands of years. Tung oil, for example, was used for preservation of wood structure in ancient China. Chinese lacquer, collected from sumac (lacquer tree), was used for top grade furniture and household utensils. Linseed oil has been widely used since Renaissance for art painting and varnishing furniture.

Conventional paints are based on non-degradable synthetic resins, which derive from petroleum, a kind of non-renewable resources. Many of them contain harmful substances and cause negative effects on health and environment.

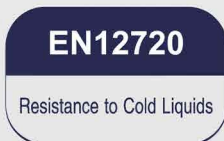
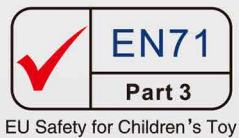
Oil finish is not only safety and environment-friendly, but also better in protecting and beautifying wood. In contrast to conventional paints, which form plastic-like and unbreathable coating film above wood, oil finish penetrates into wood and forms a water-repellent breathable protective layer within wood pores without forming film. Wood thus treated looks natural and warm. Wood grain is still touchable



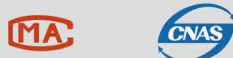
Touch the Nature



Certificates



Tested by:



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Interior



	<h2>Hard Wax Oil</h2> <p>5300 satin / 5301 matt</p>	<p>Size: 0.16L 0.75L 2.50L 20.0L</p>
	<p>Color: Clear Coverage: 20–30m²/L (1 coat) Touch Dry: approx. 3 hours Re-coat: approx. 8 hours</p> <ul style="list-style-type: none"> > Suitable for interior solid wood, veneer, cork and all wood based substrates > Especially suitable for flooring. Excellent in wear and dirty resistance. > Can be tinted 	

To fully protect and beautify wood, while at the same time keep the natural features and real touch of wood to the greatest extent, Biohouse has developed Hard Wax Oil which meet both requirements.

	<h2>Hard Wax Oil 2C</h2> <p>5700 Satin</p>	<p>Size: 0.75L+0.20L 2.50L+0.70L</p>
	<p>Color: Clear Coverage: 28–42m²/L (1 coat) Touch Dry: approx. 24 hours</p> <ul style="list-style-type: none"> > Suitable for interior solid wood > 0% VOC > 1 coat only > can be tinted 	

Tips: The following Colors are the results of Hard Wax Oil tinted with Tinting Colors on oak. Please find more colors on page 14–15.



+ Interior Exterior

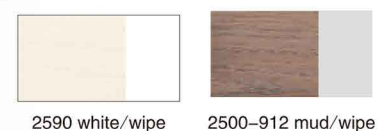
	<h2>Clear Oil</h2> <p>000 satin</p>	<p>Size: 0.75L 2.50L 20.0L</p>
	<p>Color: Clear Coverage: 20–30m²/L (1 coat/interior) 6–7 m²/L (2 coats/interior) Touch Dry: approx. 8 hours Re-coat: approx. 24 hours</p> <ul style="list-style-type: none"> > Suitable for both interior and exterior wood. > Can be tinted > Must be tinted for exterior use to provide good weather resistance. 	



	<h2>Opaque Oil</h2> <p>2590 white / 2500 Tinting Base</p>	<p>Size: 0.75L 2.50L</p>
	<p>Color: 2590 white; 2500 tinting base Coverage: 10m²/L (2 coats by brush) Touch Dry: approx. 5 hours Re-coat: approx. 24 hours</p> <ul style="list-style-type: none"> > Suitable for both interior and exterior wood. > 2500 should be tinted to achieve opaque effect, 2590 is ready for use. > Excellent weather resistance and anti-yellowing. 	



Tips: the above colors are achieved by brush with 2 coats.
Semi-transparent colors can also be achieved by brush only 1 coat or by cloth.



Exterior



	<h2>UV-resistant Clear Oil</h2> <p>8300 satin / 8301 matt</p>	Size: 0.75L 2.50L 20.0L
	<p>Color: Clear Coverage: 6–8 m²/L (2 coats) Touch Dry: approx. 6 hours Re-coat: approx. 24 hours</p> <ul style="list-style-type: none">› Suitable for exterior solid wood.› Contains UV absorber to prolong weathering.› Can be tinted with Biohouse Tinting Color to achieve better weather resistance.› Prevent wood from mold and fungi.	       

Wood has been widely used outdoors for building houses and landscape constructions since ancient times. To protect and decorate wood durably under natural environment, Biohouse provides oil finishes for exterior including UV-resistant Clear Oil, Clear Oil, Decking Oil, Opaque Oil and tinting systems.

	<h2>Decking Oil</h2> <p>003 satin</p>	Size: 2.50L 20.0L
	<p>Color: Clear Coverage: 6–7 m²/L (2 coats) Touch Dry: approx. 5 hours Re-coat: approx. 24 hours</p> <ul style="list-style-type: none">› Suitable for exterior solid wood.› Especially suitable for decking.› Can be tinted with Biohouse Tinting Color to achieve better weather resistance.› Can be used as topcoat on outdoor stains	       



Tinting System



	<h2>Tinting Color</h2> <p>BP-5xx/6xx/8xx/9xx</p>	<p>Size: 0.16L 0.64L 2.50L 20.0L</p>
	<ul style="list-style-type: none"> > 11 basic colors and 20 pre-mixed colors > For solvent based products only. > Recommended to use colorless oil on top of the tinted oil. > Excellent weather resistance. 	

	<h2>Wood Dye</h2> <p>BD-5xx</p>	<p>Size: 1.00L</p>
	<ul style="list-style-type: none"> > Available in red and yellow only > For solvent based products only. > Must use colorless oil on top of the tinted oil. 	

	<h2>Tinting Color-Aqua</h2> <p>WB-2xx/3xx</p>	<p>Size: 1.00L</p>
	<ul style="list-style-type: none"> > 7 basic colors and 12 pre-mixed colors. > For water based products only. > Excellent weather resistance. 	



BP-801 english red



BP-802 persian red



BP-803 yellow



BP-804 blue



BP-805 black



BP-806 white



BP-810 bright red

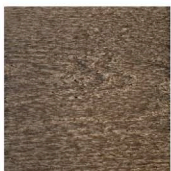


BP-811 bright yellow

Pre-treatment for Industry

	<h2>Active Stain</h2> <h3>BA-7xx</h3>	Size: 5.00L
	Color: 10 colors Coverage: 25–40m ² /L > For tannin rich species such as oak. > Must be treated with oils or lacquers on top of it.	   

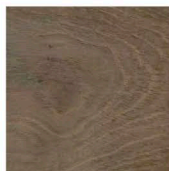
The following results are achieved on European oak.
With no color guarantee.



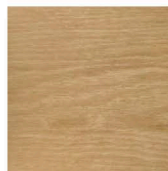
BA-711 grey



BA-716 ash



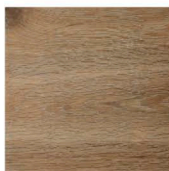
BA-718 warm grey



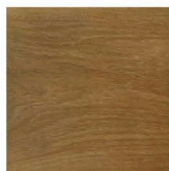
BA-720 fumed



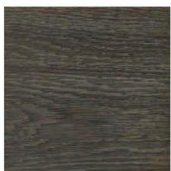
BA-725 reclamation



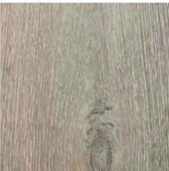
BA-731 ageing



BA-742 Bronze








BA-752 dark grey



1st: BA-752
2nd: water +5% 700



1st: BA-752
2nd: water +20% 700

	<h2>Invisible Oil Primer</h2> <h3>9650</h3>	Size: 5.00L 20.0L
	Color: clear Coverage: 30–50m ² /L Touch Dry: approx. 2 hours > For keeping the original wood color. > Must be treated with oils or lacquers on top of it.	   

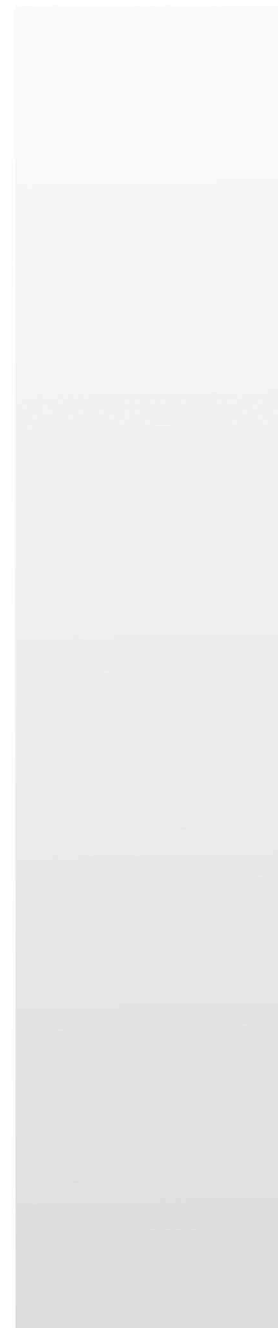


	<h2>Industrial Hard Wax Oil</h2> <p>9310 Semi-Gloss / 9300 Satin / 9301 Matt / 9302 Ultra Matt</p>	<p>Size: 2.50L 20.0L</p>
	<p>Color: Clear Coverage: 20–30m²/L (1 coat) Touch Dry: approx. 3 hours Re-coat: approx. 6 hours</p> <ul style="list-style-type: none"> > Suitable for large production on coating lines. > Especially suitable for floorings and table tops > Can be applied with roller coater, brush or cloth. > Can be tinted 	

Biohouse industrial products are specially formulated for industrial application. They are suitable for big production because of fast drying, high coverage and versatile application methods, such as roller coating, brushing or dipping. Biohouse industrial range includes Industrial Hard Wax Oil, Natural oil, UV oil, LED oil, Invisible Oil and Active Stain.

	<h2>Natural Oil / White</h2> <p>9440 Satin / 9441 Matt / 9446 White</p>	<p>Size: 20.0L</p>
	<p>Color: Clear Coverage: 20–30m²/L (1 coat) Touch Dry: approx. 3 hours Re-coat: approx. 6 hours</p> <ul style="list-style-type: none"> > Suitable for large production on coating lines. > Not darken wood after treatment. > Excellent in anti-yellowing. > Can be applied with roller coater, brush or cloth. 	

	<h2>Natural Oil</h2> <p>8620 Satin / 8621 Matt</p>	<p>Size: 2.50L 20.0L</p>
	<p>Color: Clear Coverage: 20–30m²/L (1 coat) Touch Dry: approx. 3 hours Re-coat: approx. 6 hours</p> <ul style="list-style-type: none"> > Suitable for large production on coating lines. > Especially suitable for floorings. > Suitable for application with roller coater, or spray. 	



Industrial












	<h2>Invisible Oil</h2> <p>9600 Satin / 9601 Matt</p>	<p>Size: 5.00L 20.0L</p>
	<p>Color: Clear Coverage: 30–40m²/L (1 coat) Touch Dry: approx. 1 hours Re-coat: approx. 6 hours</p> <ul style="list-style-type: none"> > Water based oil > For light color wood (oak, ash, pine, etc.) to maintain the original wood color after treatment. > Can be mixed with Tinting Color Aqua > Can be applied with brush, roller or spray gun 	

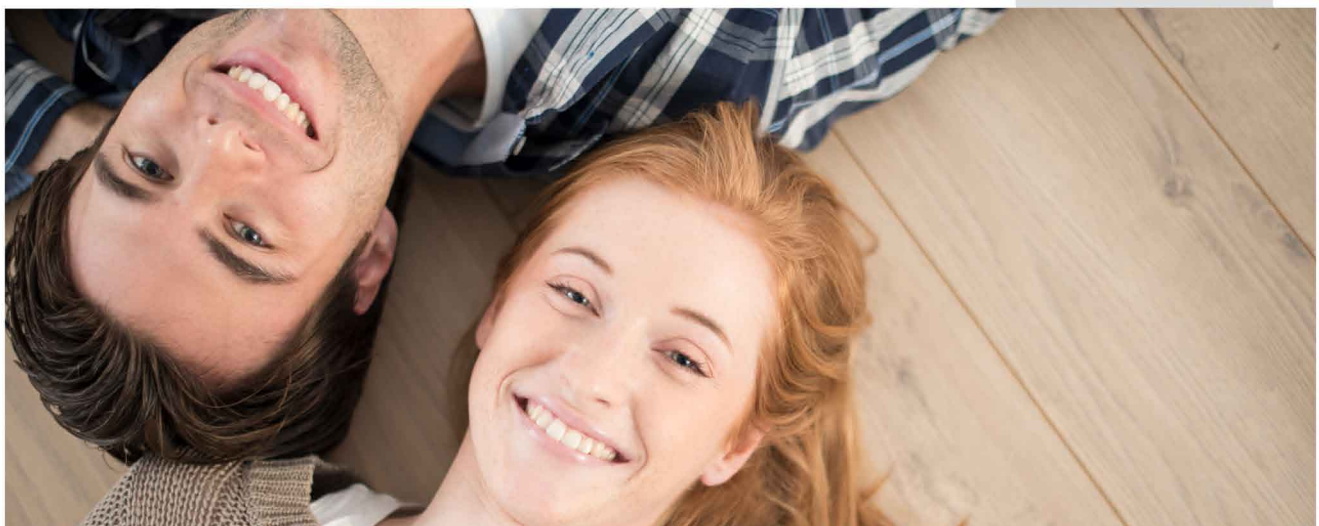
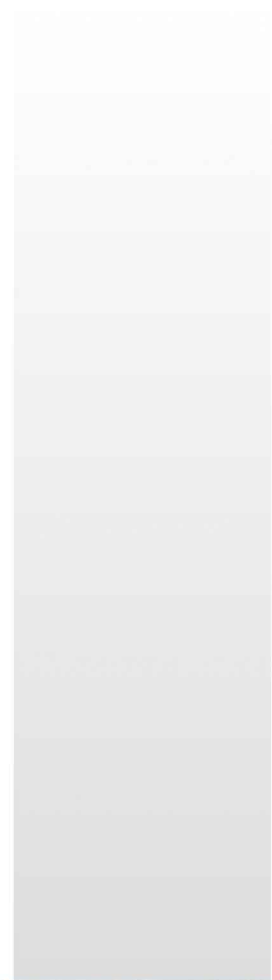
	<h2>Invisible Oil 2C</h2> <p>9612 Ultra Matt</p>	<p>Size: 5.00L 20.0L</p>
	<p>Color: Clear Coverage: 30–40m²/L (1 coat) Touch Dry: approx. 1 hours Re-coat: approx. 6 hours</p> <ul style="list-style-type: none"> > Gloss: 4° > For light color wood (oak, ash, pine, etc.) to maintain the original wood color after treatment. > Can be mixed with Tinting Color Aqua > Can be applied with brush, roller or spray gun 	

	<h2>Zero Gloss Oil</h2> <p>9618 Zero Gloss</p>	<p>Size: 5.00L 20.0L</p>
	<p>Color: Clear Coverage: 30–40m²/L (1 coat) Touch Dry: approx. 1 hours Re-coat: approx. 6 hours</p> <ul style="list-style-type: none"> > Gloss: <2° > For light color wood (oak, ash, pine, etc.) to maintain the original wood color after treatment. > Can be mixed with Tinting Color Aqua > Can be applied with spray gun 	



	<h2>UV Oil</h2> <h3>9521 Matt</h3>	Size: 20.0kg
	Color: Clear Coverage: 20–30g/m ² (2 coats)	     
<ul style="list-style-type: none"> > UV-curing oil that keep the natural look of natural oil treated wood > Designed for UV coating lines and enable extremely high productivity. > 0% VOC > Good transparency 		


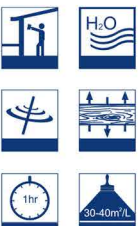
	<h2>LED Oil</h2> <h3>9550 Satin</h3>	Size: 2.50L
	Color: Clear Coverage: 20–30g/m ² (2 coats)	     
<ul style="list-style-type: none"> > Cures with UV-LED which has advantage of much lower energy consumption and no ozone emission compared with mercury UV curing. > Designed for UV coating lines and enable extremely high productivity. > 0% VOC 		





Maintenance




	<h2>Maintenance Oil</h2> <p>411 Satin</p>	<p>Size: 1.00L</p>
	<p>Color: Clear Coverage: 50–80m²/L (1 coat) Touch Dry: approx. 6 hours Walk on: approx. 24 hours</p> <ul style="list-style-type: none"> > For occasional maintenance for oiled floor > Especially suitable for application with buffers 	

	<h2>Oil Care</h2> <p>418 Satin</p>	<p>Size: 1.00L</p>
	<p>Color: Clear Coverage: 30–40m²/L (1 coat) Touch Dry: approx. 1 hours Walk on: approx. 24 hours</p> <ul style="list-style-type: none"> > Water based > For occasional maintenance for oiled floor 	

	<h2>Natural Soap</h2> <p>420</p>	<p>Size: 1.00L</p>
	<p>Touch Dry: approx. 3 hours</p> <ul style="list-style-type: none"> > Water based soap concentrate > For regular cleaning and maintenance of oiled floor. > Can also be used as intensive cleaning. 	

	<h2>Cutting Board Oil</h2> <p>430</p>	<p>Size: 5.00L</p>
	<p>Color: Clear</p> <ul style="list-style-type: none"> > Prevent wood from drying and cracking 	

	<h2>Wood Reviver</h2> <p>407</p>	<p>Size: 5.00L</p>
	<p>Coverage: 5–20m²/L</p> <ul style="list-style-type: none"> > Restore ageing and greying wood > Must be applied oils after treatment 	




Before




After

Accessories




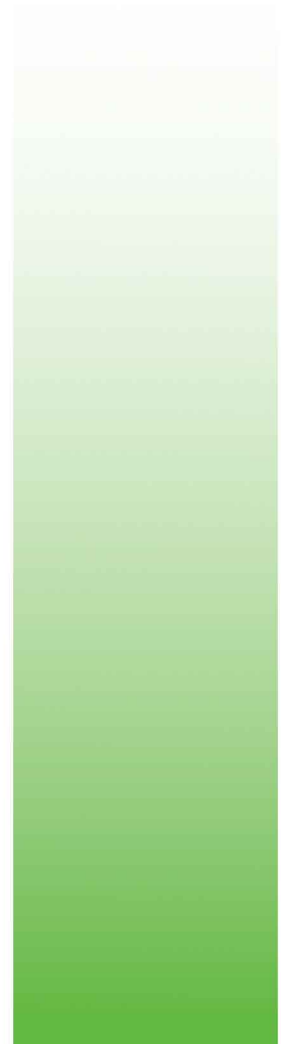
	SuperClean Thinner 100	Size: 1.00L 20.0L
	<ul style="list-style-type: none"> > For diluting solvent based oils or cleaning tools. > Benzene free, and almost odorless 	

	Hardener 200	Size: 1.00L
	<ul style="list-style-type: none"> > As hardener of solvent based oils 	

	Brush 475 477 479	Size: Pcs
	<ul style="list-style-type: none"> > High quality nylon brush designed for oil application > Ensure even and very thin layer of oil applied 	

	Cloth 463	Size: Pcs
	<ul style="list-style-type: none"> > Cotton cloth for applying oil. > Can be used to remove excessive oil after application by brush, roller or buffer. 	

	Polishing Pad 458	Size: Pcs
	<ul style="list-style-type: none"> > Metal wool for polishing between two coats. 	



Colors



Tinting Color



519 grey



522 cherry



528 mahogany



533 birch



551 oak



553 walnut



558 oak antique



590 ebony



610 pine



616 bangkiral



642 fir green



662 teak

Transparent



000.0519.5301



000.0522.5301



000.0528.5301



000.0533.5301



000.0551.5301



000.0553.5301



000.0558.5301



000.0590.5301



000.0610.5301



000.0616.5301



000.0642.5301



000.0662.5301

Semi-Opaque



000.2519.0000



000.2522.0000



000.2528.0000



000.2533.0000



000.2551.0000



000.2553.0000



000.2558.0000



000.2590.0000



000.2610.0000



000.2616.0000



000.2642.0000



000.2662.0000

Opaque



000.2519.2519



000.2522.2522



000.2528.2528



000.2533.2533



000.2551.2551



000.2553.2553



000.2558.2558



000.2590.2590



000.2610.2610



000.2616.2616



000.2642.2624



000.2662.2662

Description:

- ▶ Transparent is the result of one coat of oil (e. g. Hard Wax Oil) tinted with Tinting Color by wiping on oak
- ▶ Semi-Opaque is the result of one coat of Opaque Oil 2500 tinted with 10% Tinting Color by brush on oak
- ▶ Opaque is the result of two coats of Opaque Oil 2500 tinted with 10% Tinting Color by brush on oak
- ▶ The following colors are the results on oak and only shown for guidance. Different wood species, application method and sanding will have effects on the final results.



Colors



Tinting Color	Transparent	Semi-Opaque	Opaque
 686 rosewood	 000.0686.5301	 000.2686.0000	 000.2686.2686
 801 english red	 000.0801.5301	 000.2801.0000	 000.2801.2801
 802 persian red	 000.0802.5301	 000.2802.0000	 000.2802.2802
 805 black	 000.0805.5301	 000.2805.0000	 000.2805.2805
 806 white	 000.0806.5301	 000.2806.0000	 000.2806.2806
 912 mud	 000.0912.5301	 000.2912.0000	 000.2912.2912
 920 yellow		 000.2920.0000	 000.2920.2920
 929 red		 000.2929.0000	 000.2929.2929
 936 green		 000.2936.0000	 000.2936.2936
 948 sky blue		 000.2948.0000	 000.2948.2948
 952 marine blue		 000.2952.0000	 000.2952.2952
 980 dark green		 000.2980.0000	 000.2980.2980





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