

## **HARD WAX OIL**

### **Description:**

**Biohouse® Hard Wax Oil** is a wood finish made from fast curing plant oils and carnauba wax. It is suitable for indoor wooden products, especially ideal for wooden flooring, staircase or worktop that is subject to traffic or wear.

The oil penetrates into wood and forms micro-porous, water repellent surface. The surface will not crack, peel, flake or blister.

Biohouse Hard Wax Oil does not contain any harmful substances and is environment friendly. The dried surface is food contact safety according to FDA 21CFR175.300 and suitable for children's toys according to EN71-3.

Biohouse Hard Wax Oil is labelled A+ under French VOC emission regulations.

### **Quality Certificate:**

French VOC emission A+

FDA 21CFR175.300 food contact safety

EN71-3 suitable for children's toy

EN12720 assessment of surface resistance to cold liquids

EN12721 assessment of surface resistance to wet heat

GB18580-2001 limits on formaldehyde emission of indoor decoration materials

GB18581-2001 limits on harmful substances of solvent based wood varnish

Test report available on request.

### **Product no.:**

5300 - satin

5301 - matt

### **Surface treatment:**

Wood surface must be clean, dry and frost free, maximum moisture content 20%, old paint or varnish must be sanded off first.

The final sanding of the bare wood should be no finer than #240. Too fine sanding could slow down the penetration of the oil and delay the drying time.

### **Application:**

Stir thoroughly before use.

For floor

(1) with brush or roller

Use bristle brush or roller and apply one thin coat evenly and thoroughly along wood grain. After approximately 15 minutes, remove the surplus oil with cloth. Leave the floor to dry for 6-8 hours under good ventilation. Buff the dry surface with white polishing pad. Apply the second coat with the same method. (Second coat is normally not necessary for previously-oiled surfaces.)

(2) with buffing machine

Spread the oil evenly on the floor with scraper, brush or roller. After approximately 15 minutes, buff the surface with buffing machine with white pad. Apply the second coat with the same method within 1 or 2 hours before the first coat of oil gets hardened. After buffing the surface with white pad, buff the surface with cloth under the pad to remove surplus oil.

For furniture

Use bristle brush or cloth and apply one thin coat evenly and thoroughly along wood grain. After

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approximately 15 minutes, remove the surplus oil with cloth. Leave the floor to dry for 6-8 hours under good ventilation. Sand the dry surface with sandpaper #400 or #600. Apply the second coat with the same method.

**Drying time:**

20°C, RH50%, provided good ventilation

Dust dry: approx. 6 hours

Walkable: approx. 24 hours

Fully hardened: approx. 7 – 14 days. During this period please do not cover the floor with carpet.

**Coverage:**

30 - 36 m<sup>2</sup> / L in 1 coat

18 - 25 m<sup>2</sup> / L in 2 coats

Coverage varies greatly on different wood species, surface smoothness, application method, etc.

**Packing:**

Available in 0.16L, 0.75L, 2.5L and 10L drums.

**Tool cleaning:**

Use biohouse<sup>®</sup> Superclean Thinner 100.

**Maintenance:**

For daily cleaning, use water or water added with Biohouse Natural Soap 420.

For maintenance, use Biohouse Maintenance Oil 411 or 418 (aqua).

Please follow instruction of *Biohouse maintenance guide to oiled floor*.

**Content:**

Binder based on natural plant oils, carnauba wax, lead free siccative, disaromatized isoparaffin.

**Pot life:**

Can be stored above 3 years if can is full and tightly closed.

**Caution:**

**Cloths impregnated with oil should be put in a bucket of water or stored in a airtight container immediately after use to eliminate any risk of spontaneous.**

Store out of the reach of children. Store cool place.

Hazard class: does not apply (Flash point : 68.5°C)

**Disposal:**

Dried product residues can be composted or put into the household waster. Liquid paint residues: EAK waste code 200112;EAK classification : paints. Packing material : Tin-plate. Empty containers can be recycled.

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