

# LIOS HARD WAX BIOIL 3D

Hard wax oil for wooden floors



## Description

LIOS HARD WAX BOIL 3D is a product based on natural oils and waxes that gives to the treated wood a warm and smooth look, typical of natural oil finishes. Its excellent impregnating power makes it ideal for direct treatment of wood; the second coat protects and gives depth enhancing the wood grain.

## Characteristics

Mixture ratio	single-component
Application temperature	+10°C ÷ +25°C
Application	roller 6 mm / brush
Thinning (if necessary)	LIOS SOLV
Coverage	1 L / 20 m <sup>2</sup>
Dust dry	3 h <sup>(1)</sup>
Fingerprint dry	6 h <sup>(1)</sup>
Sanding	24 h <sup>(1)</sup>
Gloss level	SL: 45 gloss, OP: 22 gloss, SUPER OP: < 10 gloss <sup>(2)</sup>
Chemical and physical characteristics	good
Coating	good
Storage stability	1 year <sup>(3)</sup>
Packaging	1L - 5L
Tool cleaning	DILUENTE DNE

- at 20°C and 65% R.H.
- onto wet film of 90 micron hardened at 20°C and 65% R. H. for 7 days
- in original sealed containers at temperatures between +10°C and +25°C

## How to use

Fill the wood floor and sand it with 120 paper grit vacuum it carefully.

Shake the product before use and apply by roller / brush the first coat along the wood grain. Once the floor is walkable, after 6-8 hours (depending on temperature), apply the second coat following same procedure. After 12 hours in order to give more smoothness to the floor, is suggested to felt the surface with a soft cotton cloth.

The drying time of the product on some wooden species (i.e. IPE LAPACHO) is quite longer.

If customer needs to stain the wood, is possible to apply our range of LIOS BOIL Color making exception of LIOS BIOIL Bianco (see relative technical data sheets).

After 24 hours proceed with standard application of 2 coats of LIOS HARD WAX BOIL 3D as above explained.

The ordinary maintenance has to be done with LIOS SOFT BALM (see relative technical data sheet).

## Warnings

Cloths, rollers, brush, pads used for the application (even sanding dust), must be soaked immediately after use in order to avoid the risk of self-ignition.

## Label elements

· Flammable liquid and vapour. · May cause drowsiness or dizziness.  
· Repeated exposure may cause skin dryness or cracking. · Contains 2-BUTANONE OXIME. May produce an allergic reaction.  
· Keep away from heat / sparks / open flames / hot surfaces. No smoking. · Keep container tightly closed. · Wear protective gloves / protective clothing / eye protection / face protection. · IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. · Call a POISON CENTER or doctor / physician if you feel unwell. · In case of fire: use water to extinguish.  
Contents: NAPHTHA (PETROL.) HYDROTREATED HEAVY ;



## Web link

Be sure to have the latest version of this technical data sheet downloadable also from the following link:



[http://www.chimiver.com/tds/EN\\_LIOS\\_HARD\\_WAX\\_BIOIL\\_3D.pdf](http://www.chimiver.com/tds/EN_LIOS_HARD_WAX_BIOIL_3D.pdf)