

# LED HARD WAX OIL

## Led-curing Oil wax



### Description

LED HARD WAX OIL is a LED UV curing oil, modified with acrylate oligomers, suitable for varnishing wooden floors. The wooden floors varnished with LED HARD WAX OIL are characterized by excellent hardness, distension and elasticity. It confers the wood item a natural look, soft to the touch and oil-like staining. CERTIFICATES: RESISTANCE TO COLD LIQUIDS (EN 12720) AND RESISTANCE TO SALIVA AND SWEAT (DIN 53160) AND SAFETY OF TOYS (EN 71-3). Product suitable for coating floors that must obtain Cfl-s1 fire reaction class in accordance with EN 13501-1.

### Characteristics

Mixture ratio	photoactivated
Colour	Transparent and in 39 standard colors
Thinning (if necessary)	DILUENTE REATTIVO
Application temperature	+10°C ÷ +25°C
Application	Roller machine, Single head roller coater, Reverse
Coverage	10 gr/m <sup>2</sup> per coat (minimum 2 coats)- CflS1 20 g/m <sup>2</sup>
Flash-Off	n.a.
Hardening	LED lamps at 395 nm minimum 450 mJ/cm <sup>2</sup>
Pot-Life	n.a.
Sanding	immediate after hardening
Overcoating without sanding	n.a.
Wood oxidation	natural effect
Gloss level	7 - 70 gloss
Dry residue	99%
Viscosity	60" DIN 6 CUP
Chemical and physical characteristics	excellent
Storage stability	1 year <sup>(1)</sup>
Packaging	5 KG
Machine cleaning	DILUENTE ACETONE

<sup>1</sup> in original sealed containers at temperatures between +10°C and +25°C

### How to use

Shake well before use.

LED HARD WAX OIL is a lacquer suitable for the application by roller coating machines. It is crosslinked by LED lamps. Apply 2/3 coats of LED HARD WAX OIL on sanded and prepared media. Ordinary and/or extraordinary maintenance of floors treated with UV LED must be done with VELUREX Cleaner Star (see relative technical data sheet).

Be careful not to shine the product with natural and/or artificial light, because given the photosensitive nature it could harden and/or compromise its application and final characteristics

CERTIFIED CflS1 ACCORDING TO EN 13501-1 with a total weight of 20 g/m<sup>2</sup>

### Label elements

For more information about the safe use of the product it is recommended to consult the latest version of the Safety Data Sheet.

These information are given from the best of our knowledge and technical experience. They are of general character and not binding in any way our company. Every single case should be put to a practical test by the user who assumes the full responsibility of the final result of his work.