

LED Smart Oil

LED-UV Hardwax-Oil

The ultimate one-coat industrial hardwax-oil that revolutionizes your finishing process with rapid LED-UV light drying.



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Osmo LED Smart Oil is the ultimate one-coat industrial hardwax-oil that revolutionizes your finishing process with rapid LED-UV light drying. Available in a satin or matte finish, this advanced single-component system not only delivers outstanding wear and liquid resistance but is also VOC and solvent-free. Osmo LED Smart Oil dries instantly under exposure to LED-UV lamps, saving time and money without sacrificing quality.



Zero VOC and solvent-free



Dries instantly under 395nm LED-UV lamps



Microporous and breathable surface



Resistant to wine, beer and cola



1 coat = Matte
2 coats = Satin



575 ft²/L (53 m²/L) per coat



Water and dirt repellent



Spot applications possible



Osmo LED Smart Oil is not only high-performing but also environmentally friendly.

It's VOC and solvent-free, making it a safe and sustainable choice for professionals. This hardwax-oil offers the perfect combination of environmental responsibility and top-tier results, ensuring you get a high-quality finish without harmful chemicals.



Transform your surfaces with Osmo LED Smart Oil—where innovation meets excellence.

Dries instantly with LED lamp

Single component product

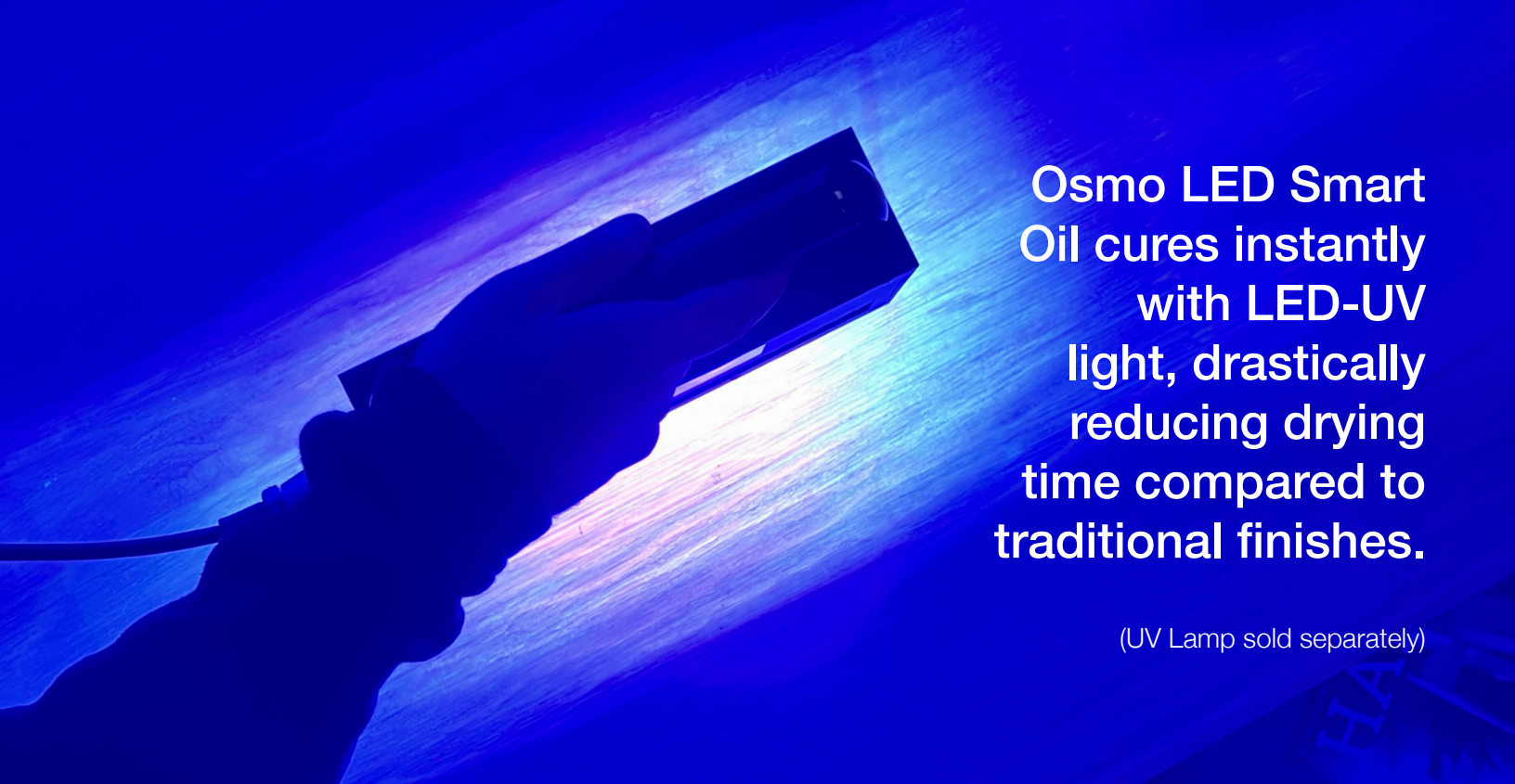
Ready-to-use surface

Only a single coat is required

Matte or Satin finish

Excellent scratch-resistance

- > Solvent-free and 0 VOC
- > Ready-to-use product, no thinning, or measuring and mixing hardeners required
- > Second optional coat may be applied for a satin sheen
- > Suitable for all sizes of installations
- > Suitable for all wood species - including oily wood species



Osmo LED Smart
Oil cures instantly
with LED-UV
light, drastically
reducing drying
time compared to
traditional finishes.

(UV Lamp sold separately)

Application Method

1 coat
Instant dry



White SuperPad



Osmo 395nm
LED-UV Lamp

Surface Preparation: The wood surface must be clean, dry and frost-free (moisture content max. 10 %).

Recommended sanding grit for wooden floors: P100-P120

Recommended sanding grit for furniture, doors etc.: P120-P180

1. Osmo LED Smart Oil is ready to use. Do not thin. Stir well.
2. Roll one coat onto the surface using an Osmo Microfiber Roller. Buff the oil into the surface using a non-abrasive white pad, such as Osmo White SuperPad or similar. Apply approximately 15-20g/m² to the wood surface and buff until no circular swirl marks or visible excess remains on the wood surface.
3. With the Osmo 395nm LED-UV lamp or similar, pass the curing lamp over the treated area slowly at a rate of approximately 5 seconds per foot with the lamp held at a height of 4-6 inches (10-15cm) above the wood surface.
4. A second optional coat may be applied which will increase both surface durability and sheen.
5. After the first coat has cured, lightly sand the surface with P320 grit sandpaper and remove sanding dust with a tack cloth.
6. Apply a second thin coat of approximately 5-6g/m² to the wood surface with a non-abrasive white pad, such as Osmo White SuperPad or similar. Buff the surface of the wood until no circular swirl marks remain on the wood surface and then cure with LED-UV lamp, as outlined above in step 3.

Once dried the surface is ready for regular use or packaging with no further cure period required.

Storage: 6 months if can is kept dry, closed tightly, and stored at temperatures between 5 °C and 35 °C. If thickened by frost, store 24-36 hours at room temperature before use.