

## INDUSTRIAL APPLICATION

### RMC LED OIL

#### Led-drying Hardwax Oil

#### PRODUCT DESCRIPTION

**Rubio® Monocoat LED Oil** is a hardwax oil for the finishing of wooden floors and furniture, specially designed for an instant curing with LED technology. Just like all Rubio® Monocoat oils, RMC LED Oil is based on the well-known RMC technology of molecular bonding and combines as such the unique characteristics of the RMC oils with the advantages of LED-curing oil technology.

#### › Unique characteristics RMC oils

- strong, durable finish in one single layer
- natural "look & feel"
- low consumption
- 0% VOC - solvent free

#### › Advantages LED-curing technology

- Environmentally-friendly:  
No mercury, no unpleasant odour, no ozone emission, no need for an extraction unit.
- Energy-efficient:  
Longer-lasting lightbulbs which consume considerably less energy.
- Time-saving:  
Wood can be walked on or packed immediately after the curing process.

In short, a durable, efficient and cost-effective way to finish wood!

#### PRODUCT INFORMATION

#### › Specific characteristics:

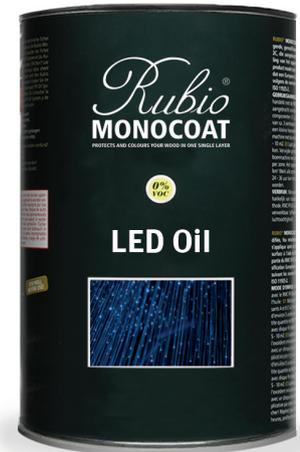
- is applied in 1 coat
- 0% VOC - solvent free
- natural look and feel like with oxidative finishing
- water-resistant after 6 hours
- lasting protection and colouring of the wood
- easy to maintain with standard RMC product range
- easy to use, no overlaps possible
- can be used on almost all wood types
- 40 unique, intense colours
- cures instantly with LED light

#### › Technical specifications:

- Base: natural oils and hardwaxes
- Physical state: liquid
- Flash point cc (astm d93): > 100°C (Pensky Martens)
- Density: 0,98 (Pure) until 1,2 depending on the colour
- VOC content: 0 g/L

#### › Packaging: Can 100 gr - 1kg - 5kg

- › **Storage:** The product may be stored for 6 months in a dry place and in the original packaging. Do not store below 5 °C.



› Colours:



ANTIQUÉ BRONZE



AQUA



ASH GREY



BISCUIT



BLACK



BOURBON



CASTLE BROWN



CHARCOAL



CHERRY CORAL



CHOCOLATE



CORNSILK



COTTON WHITE



DARK OAK



GRIS BELGE



HAVANNA



ICE BROWN



MAHOGANY



MIST



MIST 5%



MUDLIGHT



NATURAL



OAK



OLIVE



OYSTER



PINE



PURE



SAVANNA



SILVER GREY \*



SKY GREY



SLATE GREY



SMOKE



SMOKE 5%



SMOKED OAK



STONE



SUPER WHITE



TITANIUM GREY



VANILLA



WALNUT



WHITE



WHITE 5%

\* Silver Grey is only available as set (A + B Comp.) of 1 kg or 5 kg.

### APPLICATION INFORMATION

#### › Instructions for use:

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- Step 1.** Open pores are crucial for an optimal result when applying RMC LED Oil. Therefore the sanding of the wood is vital and the right tools have to be used. We strongly advise to contact our technical team to advise you on this, before starting a project with RMC LED Oil.
- Step 2.** Eliminate dust from the surface.
- Step 3.** Apply 1 coat of oil by rollercoating.
- Step 4.** Spread the oil evenly by passing the planks through the 2 pads and 2 brushes.
- Step 5.** Pass the planks through the LED-curing industry unit.

#### › Tips:

- RMC LED Oil is LED curing oil and is thus only suited for industrial or on-site applications using LED-curing technology.
- Rubio Monocoat offers a LED-curing industry unit, to cure the oil instantly. An optimal result can only be guaranteed when RMC LED Oil is being used in combination with our LED-curing machines.
- The curing process is affected by the preparation of the wood, the presence of a possible pre-colouring, etc. It is strongly advised to test the curing process experimentally first.
- RMC LED Oil is a single component product and is not compatible with the accelerator (B) of the RMC Oil Plus 2C.

#### › Consumption:

- **INDUSTRIAL APPLICATION:** Depending on the preparation: 14 to 18 g/m<sup>2</sup>  
These usages are merely indicative. Results depend on wood type and method of preparation. It is always recommended to make a sample in order to calculate the exact usage.
- **Remark:** Rubio<sup>®</sup> Monocoat is not a film building product, so absorption strongly depends on the preparation of the wood.

#### › Machinery:



#### › Safety precautions:

LED lights emit only UV-A light and no UV-B and UV-C light. UV-B and UV-C are much more damaging to the eyes and skin than UV-A light is. For long-term contact with LED light, however, we do recommend wearing gloves, long sleeves/trousers and suitable safety goggles.

- › **Maintenance:** Surfaces treated with RMC LED Oil can be maintained and restored using the same colour RMC Oil Plus 2C.

For our complete assortment of products and machinery for the protection and colouring of interior and exterior wood, please visit [www.rubimonocoat.com](http://www.rubimonocoat.com)

YOUR DISTRIBUTOR:

**LIABILITY:** It is the user's responsibility to establish, through his own tests, whether the product is suitable for the chosen application. In no case can Muylle Facon BVBA be held liable for any consequential damage. The information above may be subject to changes, which will be published in the updated versions of the technical data sheet. We cannot be held liable for poor results due to causes that are not related to the quality of the product. This technical information has been drawn up based on the currently available information and knowledge. The most recent technical data sheets can be requested or are available on the website. **Date of TDS: 20/06/2018. Check the safety information before using the product.**



# Rubio<sup>®</sup> MONOCOAT

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