

NEW

a brand new
Rubio® **MONOCOAT**
innovation



Rubio®
MONOCOAT

COLOURS AND PROTECTS YOUR WOOD IN ONE SINGLE LAYER

RUBIO MONOCOAT LED OIL

LED'S CURE IT IN 1 LAYER

THE FUTURE IS LED

LED is the abbreviation of 'light emitting diode'. It is an electronic product, a semiconductor that emits light when the current is sent in the right direction. Initially, LEDs were used in the automotive industry and expanded to garden lights, torches, TVs, (LED TVs), nail studios, etc.

In addition to the consumers' market, companies also gradually switched over to LED lights because of the low energy consumption. Think of, for example, the horticultural industry, printing businesses and the events industry (video walls, theatre lighting). But for the wood-finishing sector, LED technology can also mean revolutionary progress, for the following reasons:



SMALL ECOLOGICAL FOOTPRINT



LED lights clearly have a much smaller ecological footprint than UV lights. They contain **no mercury**, emit **no unpleasant odour**, and there is **no ozone emission**. The latter saves industrial users a lot of money, because **no exhaust** has to be installed on their finishing machines. In addition, LED does not require special chemical waste processing, in contrast to mercury bulbs and they are **largely recyclable**.

ENERGY-EFFICIENT

LED lights have an extremely **long service life** of up to 20,000 hours, compared to 700 – 1,000 hours for UV lights. They require hardly any maintenance and consume up to 80% less energy than the traditional mercury lightbulbs.



When using traditional (UV) lightbulbs the warming up and cooling off times of the lights need to be taken into account. Continually switching them on and off can also greatly affect the aging process of the lightbulbs. LED lights, on the other hand, work immediately after starting and therefore also cure the wood instantly. Quick switching on and off of the lightbulbs also does not affect their lifespan, so that work can be done quickly and efficiently.

LED lights can simply be connected to the electricity network. Expensive investments in a high voltage cabin are not required.

WOOD CAN BE WALKED ON IMMEDIATELY

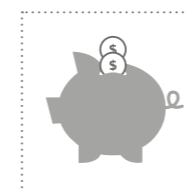


After the wood has been treated with RMC LED Oil it can be **cured instantly** with **LED light**. This can be applied both industrially and on-site. **The wood can be walked on or packaged immediately after treatment**, resulting in enormous time savings. The RMC LED technology is therefore the best partner for the project market, where time is always a challenge.



SHOCK-RESISTANT

LED lights are very **shock-resistant**. They also tolerate cold and vibrations much better than other lights. Particularly for on-site applications, this is a great advantage.



OPTIMUM YIELD

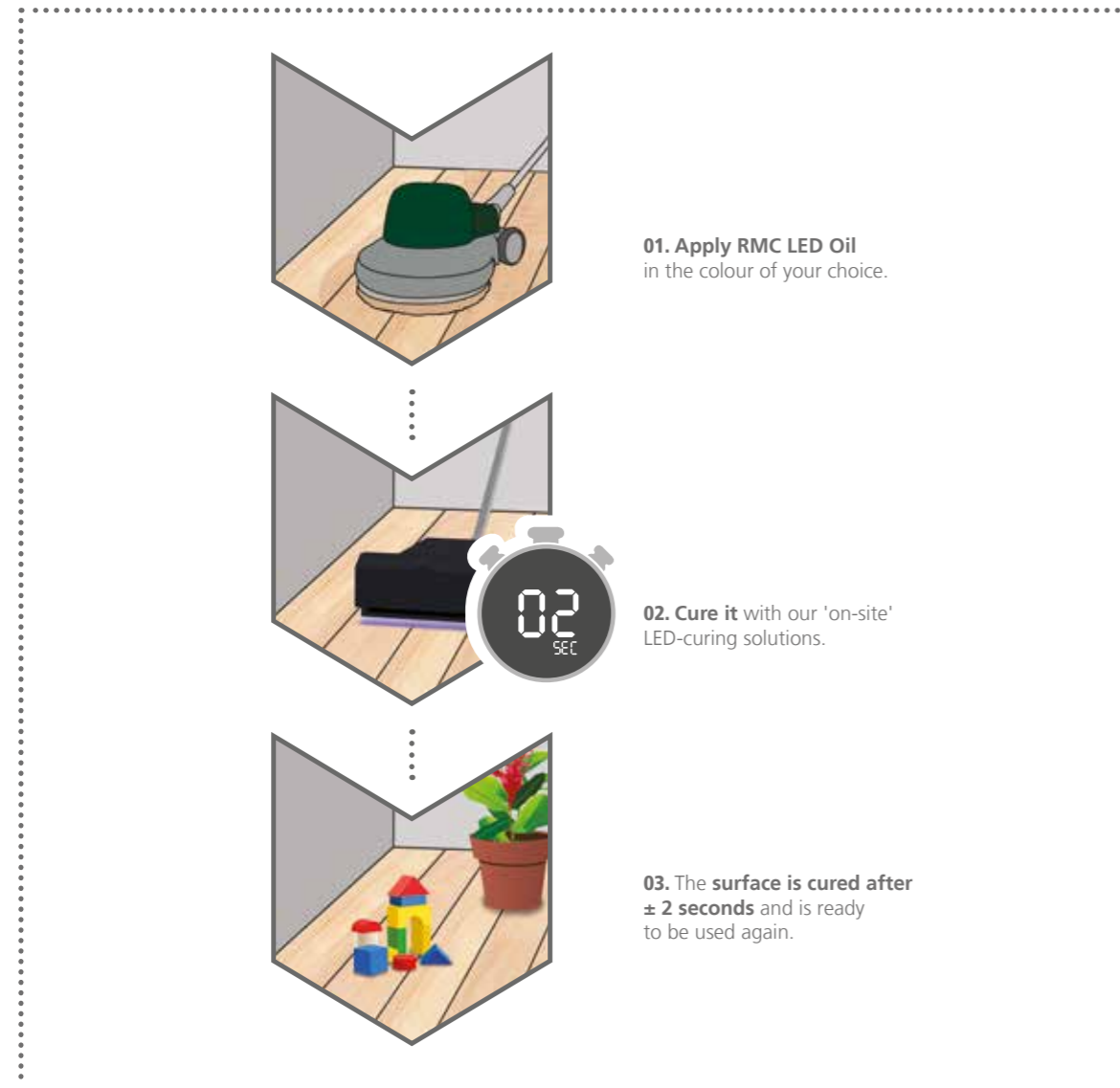
Investing in LED as technology for colouring and protecting wood is certainly very cost-effective. The cost of the purchase of LED curing equipment (industrial / on-site) is negligible compared to the savings that LED technology brings with it. In addition to a significantly **longer service life** of the LED lights, and remarkable **savings in energy**, LED technology particularly has **great time savings** as an advantage. Because the finished wood is cured instantly after contact with LED light, there are no curing times that need to be respected and the project can be delivered immediately after curing!

HOW IT WORKS

DO YOU RECOGNIZE (ONE OF) THESE 'ON SITE' SITUATIONS?

- › **Deadlines** are so tight that there's not enough time to let the finished wood cure. Every day that a commercial or public building is closed costs a lot of money.
- › You are working on a project with **different contractors at the same time**. Although you clearly marked your finished zone, you notice the next day that there are footsteps on your freshly finished floor.
- › Or someone has been drilling or sanding the walls and all the **dust** is stuck on your nicely finished floor. Who is going to pay for that?

RMC LED TECHNOLOGY FOR 'ON SITE' APPLICATIONS:



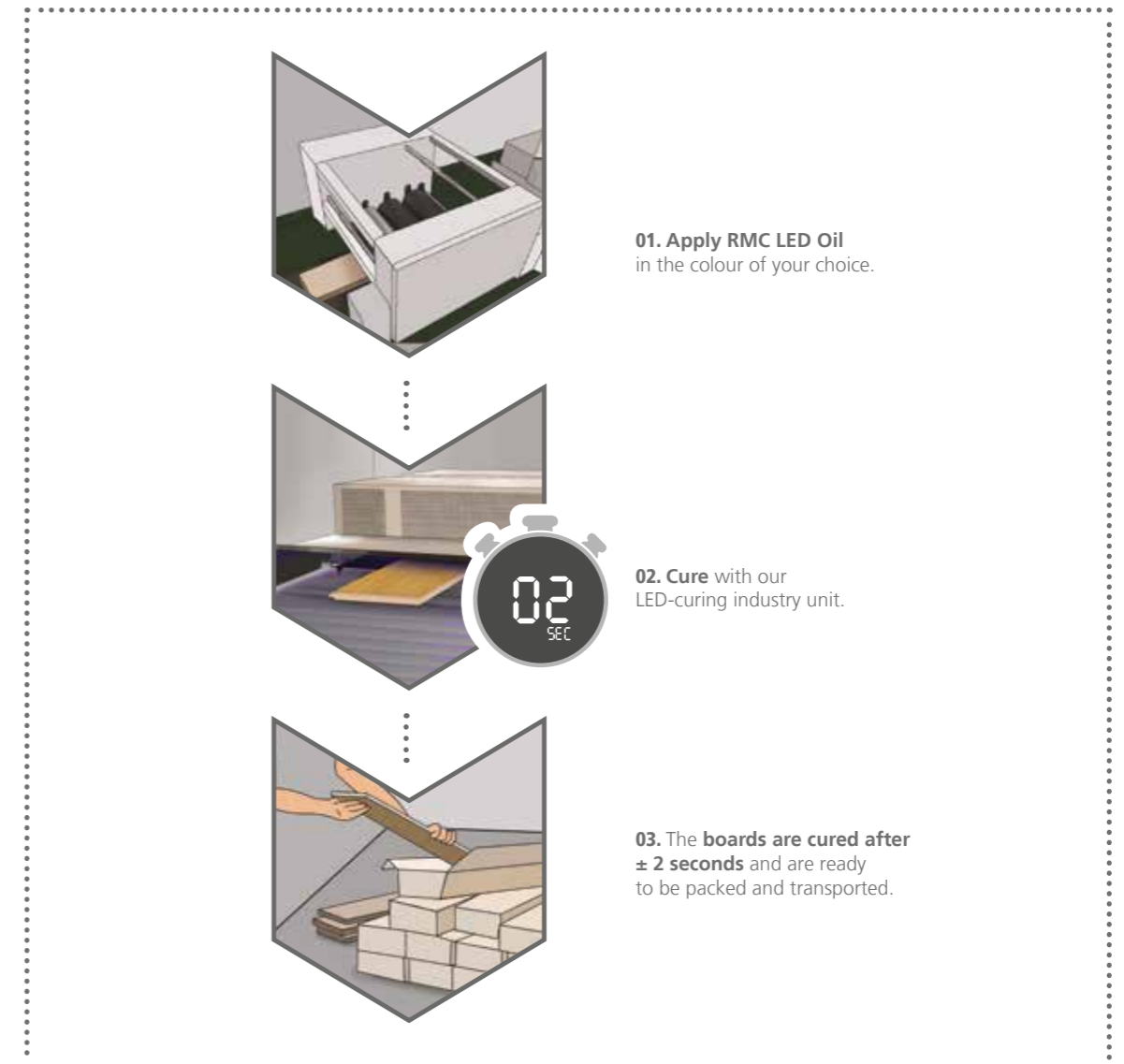
THE ADVANTAGES:

- ✓ project **deadlines** can easily be achieved
- ✓ there's no more need to worry about other contractors, ruining your work
- ✓ wear on **high traffic zones** can easily be repaired during closing hours
- ✓ **furniture** makers can finish, cure and deliver furniture in one day
- ✓ **stairs** can be oiled and cured in one day so the stairs are fully operational again by the evening

DO YOU RECOGNIZE (ONE OF) THESE 'INDUSTRIAL' SITUATIONS?

- › Are you **lacking space** for all your drying racks?
- › Placing the boards on racks is an extra, time-consuming action

RMC LED TECHNOLOGY FOR 'INDUSTRIAL' APPLICATIONS:



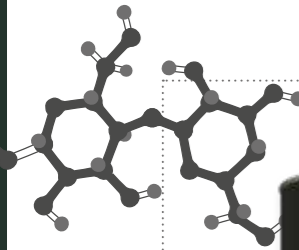
THE ADVANTAGES:

- ✓ there's **no need to wait** for the boards to be cured
- ✓ because the boards are instantly cured, you save time by **eliminating one action**
- ✓ **no more need for drying racks**, which saves you space and money
- ✓ **faster** delivery times

RUBIO® LED CURING, THE FUTURE STARTS NOW

At Rubio® Monocoat we like to set trends and we dare to stick our necks out for things we believe in. When we launched our first oil in 2005, we resolutely opted for developing a product that is safe for the user and his environment. RMC Oil contains no (0%!) VOC or water and is based on linseed oil. The introduction of LED technology in our product range therefore fits in perfectly with environmentally conscious business principles, which is very important to us.

Rubio® LED Oil is a high-quality hardwax oil, which, just like every RMC Oil, is based on our signature technology of molecular binding.



Rubio **MONOCOAT LED OIL,**
*based on our signature technology
of molecular binding.*

Thanks to this unique technology, Rubio® Monocoat LED Oil has the following qualities:

- › is applied **in 1 coat**
- › 0% VOC
- › natural look and feel like with Rubio® Monocoat oxidative finishing
- › lasting protection and colouring of the wood
- › easy to maintain with RMC product range
- › easy to use, no overlaps possible
- › can be used on almost all wood types
- › 40 unique, intense colours

The combination of durability, wear resistance and ease of maintenance, makes RMC LED Oil a perfect partner for the project market.

When the RMC LED Oil comes into contact with LED light, the oil will cure instantly and the floor can be immediately walked on. Such a time-saver will sound like music to the ears for project developers, who always face time constraints.



0% VOC



INSTANT CURING WITH LED LIGHT



MANUAL / ON-SITE / INDUSTRIAL



**INSTANT WATERRESISTANT
AFTER 2 HOURS**



15 - 18 gr/m²
depending on the preparation



RMC CLEANER



CAN:
100 GR - 1 KG - 5 KG



ONLY ONE LAYER

Thanks to our technology, our system results in a durable colouring and protection in one single layer. Once the fibres are bonded with the oil, the wood doesn't absorb any surplus product - which makes a second layer superfluous.

**0%
VOC**

FREE OF VOC

Rubio® Monocoat Oil doesn't contain any water or solvents and is based on natural ingredients. This means that the product is very safe to use, but equally safe for your environment, this way we can guarantee our customers 100% quality.



NATURAL LOOK & FEEL

Thanks to our signature technology of the molecular binding, the oil attaches to the cellulose fibres of the wood. Unlike other finishing methods, no film is applied to the wood and when you use Rubio® Monocoat oils for finishing, you can always still see the wood structure. The natural look & feel of the wood remains guaranteed, even after colouring and protecting with RMC Oil.



DURABLE PROTECTION

The molecular binding creates a durable, long lasting protection. To obtain this molecular binding it is very important to respect a reaction time of a few minutes. The better the fibres are bonded, the stronger the protection will be.



EASY MAINTENANCE AND RENOVATION

Surfaces treated with Rubio® Monocoat Oil are easy to maintain, and isolated scratches or damaged areas are very easy to repair. Rubio® Monocoat offers a wide range of maintenance products that keep oiled surfaces in top condition.



NO OVERLAPS

Once all free cellulose fibres are molecularly bonded, surplus product will no longer be accepted by the wood or the bonded Rubio® Monocoat layer itself. This is why overlaps or starting marks don't have a chance when using Rubio® Monocoat Oil.



ALL WOOD TYPES

Rubio® Monocoat LED Oil is suitable for the protection and colouring of almost all wood types.



40 STANDARD COLOURS

The unique Rubio® Monocoat Oil pigment technology allows an intense and deep colouring in one single layer, without compromising the natural look and feel of the wood. 40 standard colours can be blended for unlimited possibilities.

› 40 STANDARD COLOURS

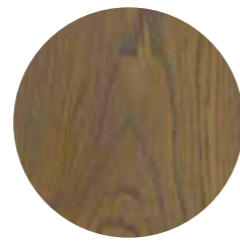
RMC LED Oil is available in 40 different colours without compromising the natural look and feel of the wood. If your project requires a specific shade, it can be custom made.



ANTIQUE BRONZE



AQUA



ASH GREY



BISCUIT



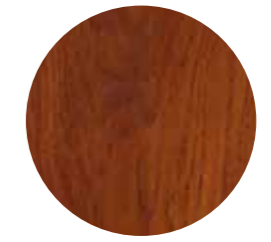
BOURBON



CASTLE BROWN



CHARCOAL



CHERRY CORAL



BLACK



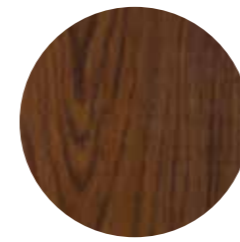
CORNSILK



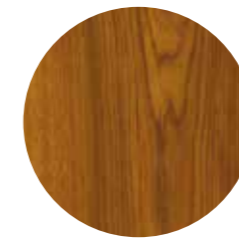
COTTON WHITE



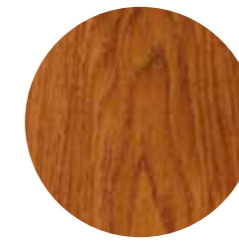
DARK OAK



CHOCOLATE



ICE BROWN



MAHOGANY



MIST



GRIS BELGE



HAVANNA



NATURAL



OAK



MIST 5%



MUDLIGHT



PURE



SAVANNA



OLIVE



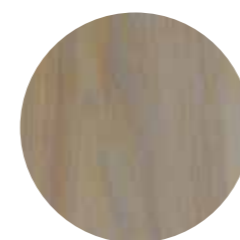
OYSTER



PINE



SMOKE



SILVER GREY*



SKY GREY



SLATE GREY



TITANIUM GREY



SMOKE 5%



SMOKED OAK



STONE



SUPER WHITE



VANILLA



WALNUT



WHITE



WHITE 5%

*The colours shown were placed on Oak.
We recommend always trying a sample first.
The colours shown are for reference only and are not binding.
Silver Grey is only available as set (A + B Comp.) of 1KG or 5KG.*

RUBIO® LED CURING SOLUTIONS

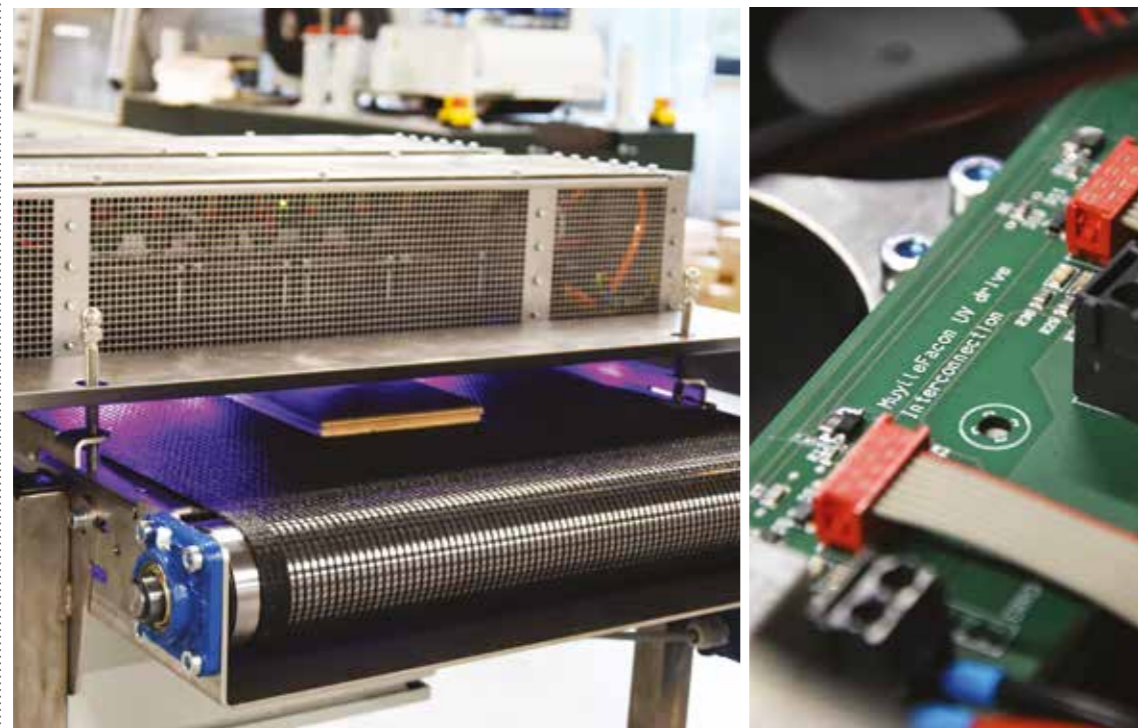
For industrial and on site application

Rubio® Monocoat LED Oil makes it possible to considerably shorten the time frame of wood finishing. Thanks to curing with LED light, the oil applied can be cured instantly, which makes the wood instantly ready to be packaged (industry) or used (on-site).

In addition to the RMC LED Oil, Rubio® Monocoat also offers the equipment that has to be used to cure the oil instantly.

INDUSTRIAL APPLICATION

An optional LED-curing unit can be installed on an existing industrial finishing line very quickly and easily, without requiring a big investment. Because there is no ozone emission, no exhaust is required.



(Photo: LED-curing industry unit, installed on the Rubio® Monocoater.)

ON SITE APPLICATION

For the exacting parquet installer who wants to be up-to-date, we offer the following machines: one professional machine for curing floors and two hand-held LED-curing units for furniture, skirting boards and hard to reach areas. The investment cost for these machines is minimal, especially if you consider all the savings in time and money.

Our on-site options:

› LED-curing hand unit

Suitable for instantly curing furniture, skirting boards and hard-to-reach places that were treated with RMC LED Oil.

› LED-curing hand unit MonoLED

Suitable for instantly curing furniture, skirting boards and hard-to-reach places that were treated with RMC LED Oil.

› LED-curing on-site unit

Suitable for instantly curing floors that were treated with RMC LED Oil. The built-in LED strip can be removed from this unit, so that skirting boards and other hard-to-reach places can also be cured.

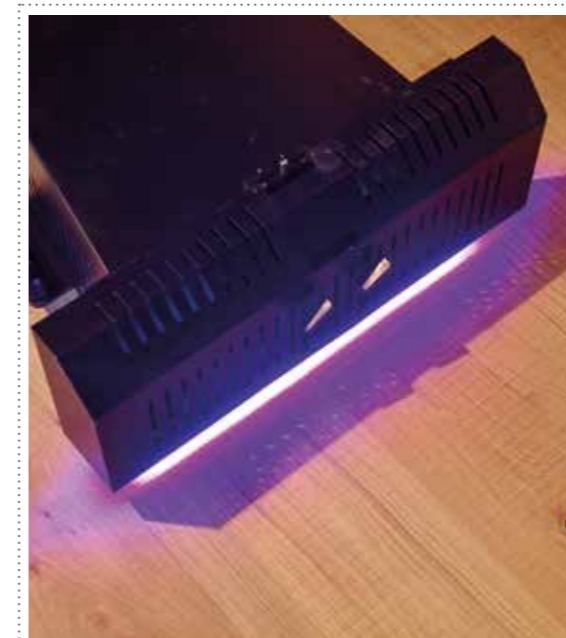
Important: This machine thus has two application options.



LED-curing hand unit

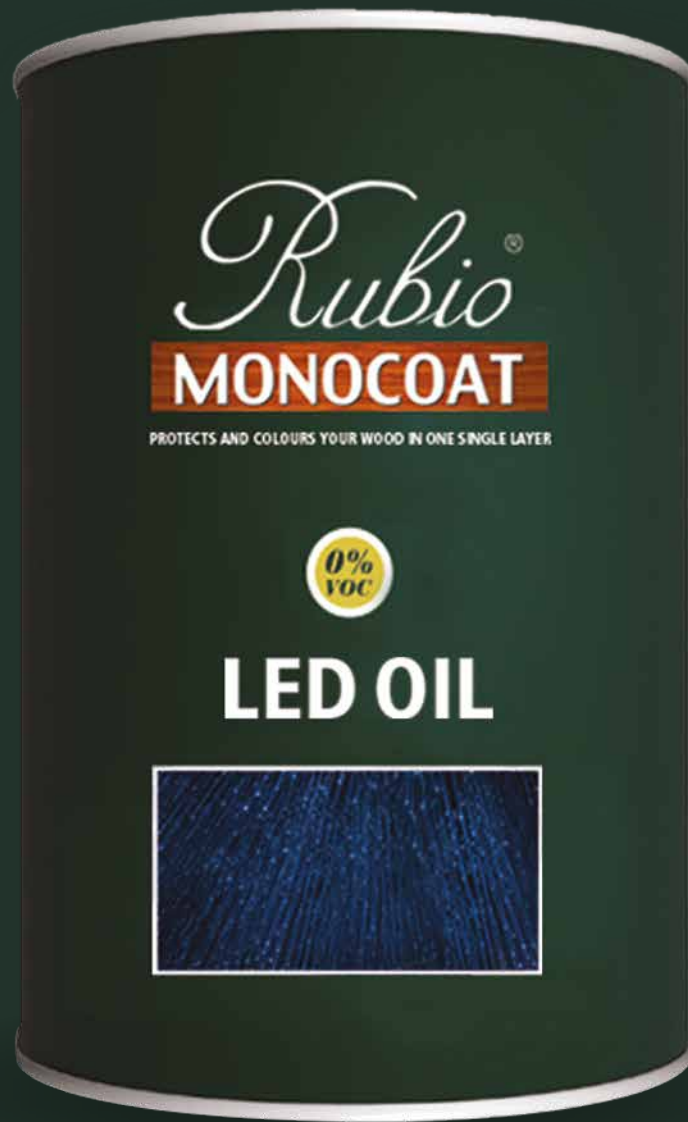


LED-curing hand unit MonoLED



LED-curing on-site unit





NEW FAMILY MEMBER

A true Rubio innovation

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