

### RMC OIL UV R2

Hardwax oil, protects and colours your wood in one single layer

Rubio® Monocoat Oil UV R2 is a UV-catalysed oxidative oil that creates a molecular reaction with the uppermost microns of the wood surface. This technology allows the wood to be coloured and protected in a single coat.

Rubio® Monocoat Oil UV R2 is based on a combination of plant oils and waxes and has little impact on the environment due to its 0% VOC content and very low usage.

### PRODUCT INFORMATION

#### › Specific characteristics

- Fast-drying: Colours and protects wood in a single layer
- Minimal consumption / economical application: 12 to 16 g/m<sup>2</sup>
- 0% VOC!
- Available in all standard RMC colours
- Controls moisture
- Non-water based
- Low energy consumption as a result of efficient action in a single layer
- Can be reconditioned with RMC Oil Plus 2C
- Long-lasting protection!

#### › Technical characteristics

- Base: natural oils and hardwaxes
- Physical state: liquid
- Colour: standard RMC colours
- Flash point cc (astm d93): > 100°C (Pensky Martens)
- Density: > 0,98 kg/L
- VOC content : 0 g/L

#### › Packaging

Can 1 kg and 5 kg

#### › Stockage

The product may be stored for 12 months in a dry place and in the original packaging. Do not store below 5°C.

### APPLICATION INFORMATION

#### › Instructions

RMC Oil UV R2 was specially designed for an efficient application using industrial oil lines. This product fully complies with the strict demands of this sector, which requires fast production and packing.

**STEP 1.** Sand the planks to be treated until the desired finish is achieved.

**STEP 2.** Eliminate dust from the surface.

**STEP 3.** Apply 1 coat of oil by rollercoating or with a sprayer.

**STEP 4.** Spread the oil evenly by passing the planks through the brushes.

**STEP 5.** Pass the planks through the UV unit at a minimum of 650 mj/cm<sup>2</sup>.

The power values are indicative only and refer to single layer applications on oak, sanded at 120 to 150 grit.

The power values are based on transparent colours. Dark or opaque colours might require a different capacity or setup.

Considering the wide variety of UV dryers, the curing process needs to be determined by experience.

Factors that may have a considerable impact on the end result are amongst others the wave length of the lamps (gallium or mercury), reflector setup and quality, generated temperature, power dispersion,... Also the method of preparation of the wood and the possible precolouring will affect the curing process. Remark: the temperature of the UV dryer may not exceed 65°C.



### › Maintenance and restoration

Surfaces treated with RMC Oil UV R2 can be maintained and restored using the same colour RMC Oil Plus 2C.

### › Consumption

Depending on the preparation: 12 to 16 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 layer building product, so absorption strongly depends on the preparation of the wood.

### › Furthermore...

For an extra protective finish, apply subsequently 1 coat of RMC Oil UV Topcoat R2.

Remark: the consumption of the RMC Oil UV R2 can be reduced when finished with the RMC Oil UV Topcoat R2.

See technical data sheet of the RMC Oil UV Topcoat R2!

### ATTENTION:

The product may NOT be diluted! Cloths, saturated with oil, may spontaneously combust. After usage, they need to be soaked in water before disposal.

Check the packaging and the safety data sheet for more details.

For our complete assortment of products for the protection and colouring of interior and exterior wood, please visit [www.rubiomonocoat.com](http://www.rubiomonocoat.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 NV 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: 25/06/2018. Check the safety information before using the product.**



# Rubio<sup>®</sup> MONOCOAT

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