

Rubiomonocoat FR OIL SYSTEM (flooring)

FIRE-RETARDANT SYSTEM - EUROPEAN CLASSIFICATION FOR FLOORING IN ACCORDANCE WITH THE STANDARD EN 13501-1: EN ISO 11925-2 AND EN ISO 9239-1

DESCRIPTION:

The **Rubio Monocoat FR Oil System** for parquet flooring is a fire-retardant system that combines a pre-treatment with the fire-retardant **Rubio Monocoat FR Base** and a finish with **Rubio Monocoat FR Oil** – which is the fire-retardant modified version of the **Rubio Monocoat Oil Plus 2C**. Suited for manual and industrial applications.

The **Rubio Monocoat FR Oil System** has an European classification Bfl-s1 (flooring) in accordance with the standard EN 13501-1: EN ISO 11925-2 and EN ISO 9239-1.

METHOD OF APPLICATION - MANUAL:

Step 1. RMC FR Base

01 Sand the surface and eliminate dust.

02 Apply **RMC FR Base** with a brush or roller. Then polish with a polishing machine with a white pad (polishing rag).

Handle zones from 5 to 10 m² at a time.

03 Allow the surface to dry. The drying time is approximately 12 hours at room temperature (depending on ventilation and humidity).

Step 2. RMC FR Oil

01 Apply **RMC FR Oil** with a cotton cloth, a brush (either manually or with a polish machine) or a squeegee (rubber bladed broom) with fleece.

Always end the treatment in the direction of the wood. Handle zones from 5 to 10 m² at a time.

02 Allow the product to react for a couple of minutes.

03 Remove the surplus product manually within 15 minutes, either with a cloth or with a polishing machine with a white pad (polishing rag).

04 The floor can be walked on after 24 - 36 hours.

METHOD OF APPLICATION - INDUSTRIAL:

Step 1. RMC FR Base

01 Sand the surface and eliminate dust.

02 Apply **RMC FR Base** with a rubber roller coater or spray.

03 Allow the planks to dry in the ventilation unit.

Step 2. RMC FR Oil

01 Apply the correct amount of **RMC FR Oil** with a roller coater.

02 Allow to dry on storage racks or with an UV drying system.

IMPORTANT: Please also consult the technical data sheet of the RMC FR Base and the RMC FR Oil before application.

CONSUMPTION:

RMC FR Base

Conform the norm: 35 g/m² +/- 5 (= ca. 25 m²/L)

RMC FR Oil

Conform the norm: 16 g/m² +/- 2 (= ca. 50 m²/L)



DISCLAIMER: It is the responsibility of the user to determine through own testing whether the product is suited for its chosen application. Muylle Facon NV is not liable for any resultant damage. The above information may be subject to amendments, which will be published in revised versions of the technical sheet. We waive all responsibility for unsatisfactory results that are due to causes unrelated to the quality of the product. This technical information has been collected on the basis of current information and knowledge. The most recent technical sheets can be requested or are available on the website.



Consult the safety sheet before use.

Date TDS: 10/09/14

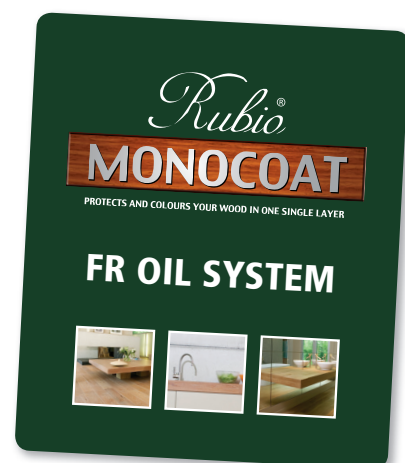
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Rubiomonocoat FR BASE

FIRE-RETARDANT PRIMER FOR THE RUBIO MONOCOAT FR OIL SYSTEM

- CLASSIFICATION FLOORING - EN 13501-1: EN ISO 11925-2 AND EN ISO 9239-1

DESCRIPTION:

Rubio Monocoat FR Base is a fire-retardant primer that is used as a base coat for **Rubio Monocoat FR Oil**.

The **Rubio Monocoat FR Oil System** has an European classification Bfl-s1 (flooring) in accordance with the standard EN 13501-1: EN ISO 11925-2 and EN ISO 9239-1.

SPECIFIC FEATURES:

- Free of water
- Low viscosity (< 50 mPa.s at 15°C, Brookfield RVT)
- Free from halogens, salts and heavy metals (such as antimony)
- 100 % solid
- 0% VOC

METHOD OF APPLICATION - MANUAL:

01 Sand the surface and eliminate dust.

02 Apply **RMC FR Base** with a brush or roller. Then polish with a polishing machine with a white pad (polishing rag).

Handle zones from 5 to 10 m² at a time.

03 Allow the surface to dry. The drying time is approximately 12 hours at room temperature (depending on ventilation and humidity).

METHOD OF APPLICATION - INDUSTRIAL:

01 Sand the surface and eliminate dust.

02 Apply **RMC FR Base** with a rubber roller coater or spray.

03 Allow the planks to dry in the ventilation unit.

IMPORTANT: Please also consult the technical data sheet of the RMC FR Oil System and the RMC FR Oil for the application of this product!

CONSUMPTION:

Conform the norm: 35 g/m² +/- 5 (= ca. 25 m²/L)

TECHNICAL CHARACTERISTICS:

Physical state at 20 °C: liquid

Colour: clear

Odour: specific

PACKAGING:

1 L - 5 L can

STORAGE:

The product can be stored for up to 12 months. Store in dry conditions and in the original packaging.

PROVIDED BY:

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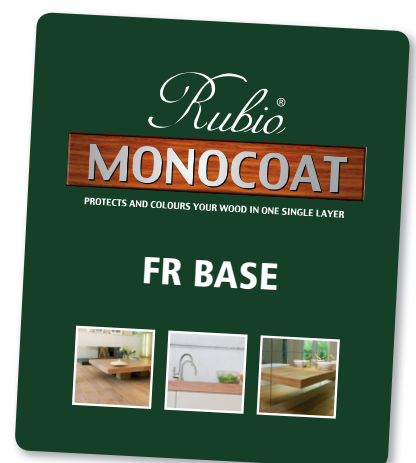


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Rubiomonocoat FR OIL

0%
VOC

FIRE-RETARDANT HARDWAX OIL FOR THE RUBIO MONOCOAT FR OIL SYSTEM - CLASSIFICATION FLOORING - EN 13501-1: EN ISO 11925-2 AND EN ISO 9239-1

DESCRIPTION:

Rubio Monocoat FR Oil is a fire-retardant, modified version of **Rubio Monocoat Oil Plus 2C** that is applied after pre-treatment of the surface with **Rubio Monocoat FR Base**.

Due to its special properties, **Rubio Monocoat FR Oil** creates a molecular reaction with the uppermost microns of the wood, resulting in long-lasting protection.

The **Rubio Monocoat FR Oil System** has an European classification Bfl-s1 (flooring) in accordance with the standard EN 13501-1: EN ISO 11925-2 and EN ISO 9239-1.

SPECIFIC FEATURES:

- 0% VOC
- Free from halogens, salts and heavy metals (such as antimony)
- Respects the natural 'look and feel' of the wood
- No starting marks or overlaps
- Easy to maintain
- Doesn't contain water
- Applies to all kinds of wood, on furniture as well as floors (solid wood, veneer wood, MDF, ...)
- Durable protection, highly resistant to wear
- Water-resistant, so suited for application in kitchens and bathrooms
- Resistant to heat until 100 °C
- Fast curing

DIRECTIONS FOR USE:

Once the surface treated with **RMC FR Base** is dry, the oil can be applied:

1. Carefully mix the two components (1 to 2 minutes) with a ratio of approximately 3 units A to 1 unit B.
2. Spread out a small quantity of **RMC FR Oil** (cloth or scrubbing machine with thin beige pad).
Work in zones of 5 - 10 m².
3. Let absorb during a few minutes. Thoroughly remove all excess of oil (cloth or scrubbing machine with white pad) within 15 minutes per zone. The surface should feel dry!
Finish all zones the same way.
4. In a well ventilated room, the surface can be used 24 - 36 hours after the application.

The equipment used can be cleaned with **RMC Cleaner**.

IMPORTANT: Please also consult the technical data sheet of the RMC FR Oil System and the RMC FR Base before application!

PROVIDED BY:

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After 5 days a treatment with water and Rubio Monocoat products can be applied.

In order to guarantee a long lifespan and protection, the use of Rubio Monocoat maintenance products is imperative.

CONSUMPTION:

Conform the norm: 16 g/m² +/- 2 (= ca. 50 m²/L), depending on the wood type, sanding and application method. **RMC Oil Plus 2C** may be used for a maximum of 4 - 6 hours after mixing.

TECHNICAL CHARACTERISTICS:

RMC FR Oil (A)

Physical state at 20 °C: liquid

Odour: oily

VOC content: 0 g/L

RMC Accelerator (B)

Physical state at 20 °C: liquid

Colour: clear

Odour: none

Flash point: > 160 °C (closed cup)

VOC content: 0 g/L

PACKAGING:

Combined can of 1,3 L:

1 L **RMC FR Oil (A)** and 0,3 L **RMC Accelerator (B)**

Combined can of 3,5 L:

2,750 L **RMC FR Oil (A)** and 0,750 L **RMC Accelerator (B)**

STORAGE:

The product can be stored up to 12 months in dry conditions and in its original packaging.

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.

