

Rubio WoodCream

Protecting the natural beauty of wood

Rubio WoodCream is a breathable hydrophobic wax-based cream that colours and protects wood and makes it water-repellent. The hydrophobic Rubio WoodCream technology in combination with its unique cream structure offers both on product as on application level important benefits. This moisture-regulating cream provides a water-repellent and self-cleaning wood protection. The long contact technology ensures a perfect absorption of the cream into the wood's pores, without covering them, thus ensuring the wood's natural moisture balance and structure.

Rubio WoodCream gives wood surfaces a semi-transparent, aged, or covering look and is available in 3 colour collections: The Grey Collection, The Traditional Collection, and The Scandinavian Collection. A transparent version (#0) is also available in order to create a non-coloured effect. While this version has no UV-filter it allows the wood to age naturally, but it still protects the wood and makes it water-repellent. This transparent version will also protect already aged wood.

Depending on the chosen colour, wood type and orientation of the vertical wood, the colour will last between 5 to 10 years. After about 5 years, the pearl effect (water-beading) will gradually diminish.

If you want to decrease the colour intensity of the existing Rubio WoodCream colours, you can dilute them with **Rubio WoodCream Softener**.



ATTENTION

Adding Rubio WoodCream Softener reduces the UV resistance of the product. This can cause premature discolouration. This discolouration effect depends on the amount of Rubio WoodCream Softener added.

PRODUCT INFORMATION

› Unique characteristics

- Wax-based cream
- Hydrophobic cream
- Low environmental impact
- VOC free
- Non film-forming, does not flake off
- Water-repellent with pearl effect
 - The pearl effect makes the surface self-cleaning
 - The water-repellent and self-cleaning effect reduce the risk of micro-organism growth (algae, molds, fungi) and frost damage
- Breathable and moisture-regulating
 - The wood pores remain open; this allows the wood to breath and guarantees an optimal moisture-regulation
- Cream structure
- Penetrates deep into the subsoil
- Low usage: 50 to 80 g/m² per layer, depending on the absorption of the substrate
- Easy to apply on all vertical wooden surfaces
- Easier to apply on other paint systems and surfaces than other paints and wood treatment products (no dripping, no masking tape, easy to apply overhead)
- Can be applied in 1 or 2 layers depending on the look you want

REMARK

The wood pores remain open; this allows the wood to breath and guarantees an optimal moisture-regulation. Rubio WoodCream is water-repellent and self-cleaning, reducing the risk of micro-organism growth (algae, molds, fungi).

› Technical characteristics

- Chemical basis: wax-based
- Physical state: cream
- Density: 950-1050 g/L (transparent – colours)
- pH: 8.0 - 9.0
- Gloss level: semi matt
- Drying time: depending on the climatic conditions: ± 12 hours
- Touch dry after 30 minutes
- A second layer can be applied after 3 hours
- The pearl effect already starts after 3 hours
- VOC free

TECHNICAL INFORMATION

Rubio WoodCream is a breathable hydrophobic wax-based cream that colours and protects the wood and makes it water-repellent. The wax-based cream leaves no film behind, so that the porosity remains open and therefore the vapour permeability is retained. Wood fibres have a capillary effect that allows water to be easily absorbed. By applying a wax-hydrophobic agent to the pore walls, this capillary effect is converted into a water-repellent effect, but without reducing the opening of the pores necessary for vapour diffusion. Air and water vapour are let through just as before.

The cream structure of the wax-based cream creates a long contact time of the product with the wood. This gives the capillary effect of the wood enough time to absorb the active water-repellent ingredients. This creates a very deep penetration into the wood, which benefits the durability of the water-repellent effect. This allows the wood to be coloured and made water-repellent in one layer. If you want to achieve a visually more covering colour effect, this can easily be done by applying a second layer without changing the properties of the cream. This technology will ensure the natural look and feel of the wood.

› Storage

The product can be stored up to 24 months. Store in dry conditions and in the original unopened packaging. Keep away from frost.

› Packaging

- Can 100 ml, 1 L, 2,5 L, 5 L and 20 L

› Consumption

Depending on the type of substrate: 12-20 m²/L

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.

› Colours

Colours shown are on pine.

The colours shown are for reference only and are not binding.



APPLICATION INFORMATION

› Instructions for use

a. On new wood

STEP 1. Sand the surface scratch free according to industry standards. Final sanding grit should be between 80-120.

STEP 2. Clean the surface with Rubio Monocoat Exterior Wood Cleaner and a nylon scrubbing brush. Use a mixture of 10% Rubio Monocoat Exterior Wood Cleaner and 90% water. Rinse well with clean water afterwards.

STEP 3. Allow the surface to dry well

STEP 4. Stir Rubio Woodcream well before use. Apply evenly to the vertical surface with the RMC Woodcream Brush. Work with the grain in sections approximately 3 to 4 boards wide.

- We advise to keep a wet edge to avoid overlaps
- With rough, absorbant or dry wood (<14% MC) we advise to dilute the product with Rubio Woodcream Softener (proportion: max 1:1)

STEP 5. In case a more opaque result is required, you can apply a second layer after at least 3 hours. To avoid applying too heavily, dilute the Rubio Woodcream this time with 25% or 50% Rubio Woodcream Softener, depending on the desired result.

- Since the first layer is already water-repellent, the second layer will not adhere to the first layer as easily. We recommend spreading the product with the block brush on the first layer in one smooth movement and go over it several times

STEP 6. Allow the surface to dry 12 hours.

b. Creating an aged/transparent effect on new wood

STEP 1. Sand the surface scratch-free with grain 80-120 in the direction of the wood.

STEP 2. Clean the surface with Rubio Monocoat Exterior Wood Cleaner and a nylon scrubbing brush or RMC Microfiber Pad. Use a mixture of 10% Rubio Monocoat Exterior Wood Cleaner and 90% water. Rinse well with clear water afterwards.

STEP 3. Allow the surface to dry well

STEP 4. Stir Rubio Woodcream well before use and dilute it with Rubio Woodcream Softener (proportion: max 1:1) to create a more transparent effect.

- In order to create a non-coloured effect you can use the colour "Transparent #0" (undiluted) from the Grey Collection. While this version has no UV-filter it allows the wood to age naturally, but it still protects the wood an makes it water-repellent.

STEP 5. Apply evenly to the vertical surface with the RMC Woodcream Brush. Work with the grain in section approximately 3 to 4 boards wide.

- We advise to keep a wet edge to avoid overlaps

STEP 6. Allow the surface to dry 12 hours.

c. In case of renovation/refreshing Rubio Woodcream

STEP 1. Clean the surface with Rubio Monocoat Exterior Wood Cleaner and a nylon scrubbing brush or RMC Microfiber Pad. Use a mixture of 10% Rubio Monocoat Exterior Wood Cleaner and 90% water. Rinse well with clear water afterwards.

STEP 2. Allow the surface to dry well

STEP 3. Stir Rubio Woodcream well before use and dilute it with Rubio Woodcream Softener in a ratio from 9 parts Rubio Woodcream and 1 part Rubio Woodcream Softener to max. 1 part Rubio Woodcream and 1 part Rubio Woodcream Softener in order to achieve the desired result.

STEP 4. Apply evenly to the vertical surface with the RMC Woodcream Brush in the direction of the wood. Work in zones of 3 to 4 boards.

- We advise to work wet in wet to avoid overlaps

STEP 5. Allow the surface to dry 12 hours.

d. In case of renovation on older non-Rubio products

STEP 1. Remove all loose coatings or wood fibers from previous treatments and sand the surface scratch-free with gran 80-120 in the direction of the wood.

STEP 2. Clean the surface with Rubio Monocoat Exterior Wood Cleaner and a nylon scrubbing brush or RMC Microfiber Pad. Use a mixture of 10% Rubio Monocoat Exterior Wood Cleaner and 90% water. Rinse well with clear water afterwards.

STEP 3. Allow the surface to dry well

STEP 4. Stir Rubio Woodcream well before use and apply evenly to the vertical surface with the RMC Woodcream Brush in the direction of the wood. Work in zones of 3 to 4 boards.

- We advise to work wet in wet to avoid overlaps

STEP 5. After minimum 3 hours apply a second layer in order to prevent gloss differences between raw wood and patches where the old coating was still present. To avoid applying too heavily, dilute the Rubio Woodcream this time with 25% or 50% Rubio Woodcream Softener, depending on the desired result.

- Since the first layer is already water-repellent, the second layer will not adhere to the first layer as easily. We recommend spreading the product with the block brush on the first layer in one smooth movement and go over it several times

STEP 6. Allow the surface to dry 12 hours.

e. Industrial application

if you want to apply this product in an industrial manner, we advise you to get in contact with our technical care team.

› Maintenance information

In general we recommend a yearly visual check-up just after winter season.

Please check for the presence of the following three points:

- a. Dirt & green deposits; clean with low pressure water and soft brush
- b. Fading out of colours
- c. Diminishing pearl effect

If necessary (concerning point b./c.), apply a maintenance coat according to the instructions. The frequency of maintenance depends on the weather conditions:

- In normal weather conditions: every 5 years
- In extreme weather conditions: every 3 years
- In ideal circumstances, this can take significantly longer: up to 10 years

Normal climates: when the colour fades, apply a maintenance coat of Rubio WoodCream with Rubio WoodCream Softener in a ratio from 9 parts Rubio WoodCream and 1 part Rubio WoodCream Softener to max. 1 part Rubio WoodCream and 1 part Rubio WoodCream Softener to achieve the desired result. Consult the technical data sheet for more information.

Frequency according to exposure, geographical situation, solar orientation of the treated wood, wood type, and desired shade. Waterfront, seaside, pilling, wetland, and marshland ... sometimes requiring a more frequent maintenance.

› **Maintenance instructions**

STEP 1. The wood must be cleaned with a mixture of 10% Rubio Monocoat Exterior Wood Cleaner and water. After the use of Rubio Monocoat Exterior Wood Cleaner, clean the surface by using water at low pressure and a soft brush; there is no need for sanding. Consult the accompanying technical data sheet before use.

STEP 2. Stir Rubio WoodCream well and dilute it with Rubio WoodCream Softener in a ratio from 9 parts Rubio WoodCream and 1 part Rubio WoodCream Softener to max. 1 part Rubio WoodCream and 1 part Rubio WoodCream Softener in order to achieve the desired result.

STEP 3. Apply it carefully and evenly, to the vertical surface with a block brush suitable for water-beading products, in the direction of the wood. Work in zones of 3 to 4 boards in the direction of the wood fibre. It's best to work wet in wet. Spread out the product in one go with the application brush.

› **Tips & Tricks**

- Avoid direct sunlight on the surface.
- In case of high temperatures (> 30°C) or when there is no shadow, we recommend diluting Rubio WoodCream with Rubio WoodCream Softener in order to make the product easier to apply and to allow it to dry less quickly.
- On rough and very absorbent wood surfaces, we recommend diluting Rubio WoodCream with Rubio WoodCream Softener so you can easily apply Rubio WoodCream on the surface. For a more covering effect you can apply a second layer.

> Tools



Rubio Can Opener

Rubio Pouring Spout

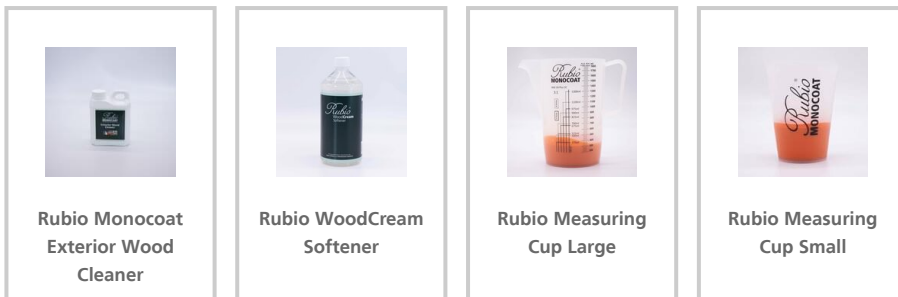
WoodCream Brush
Small

WoodCream Brush
Medium

WoodCream Brush
Large

Rubio Monocoat
Stirring Stick

> Related products



Rubio Monocoat
Exterior Wood
Cleaner

Rubio WoodCream
Softener

Rubio Measuring
Cup Large

Rubio Measuring
Cup Small

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.rubimonocoat.com

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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: 19/11/2021. Check the safety information before using the product.**



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