

## WoodCream

Innovative wax cream for vertical wood with natural results

WoodCream is a wax-based cream to optimally protect and colour your vertical exterior wood surface and make it water-repellent. 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. The ecological cream is very easy to apply (in one layer) and preserves the natural look & feel of the wood.

### PRODUCT INFORMATION

#### › Specific characteristics

The hydrophobic WoodCream technology in combination with its unique cream structure offers both on product and on application level important benefits:

- BREATHABLE
  - Wood pores remain open
  - Air and water vapour can still pass through
  - Moisture regulation is retained
- WATER-REPELLENT
  - Hydrophobic cream
  - Long-lasting pearl effect
  - Very durable protection against extreme weather conditions
- SELF-CLEANING
  - Water droplets slide off the wood, removing dirt particles from the surface
  - Reduces the risk of micro-organism growth (algae, molds, fungi)
  - Prevents frost damage
- LOOK & FEEL
  - Preserves natural look & feel of the wood
  - Doesn't contain fillers, does not form a sealing layer (as opposed to paint, lacquers)
  - Does not flake off: longer lifespan
- ECOLOGICAL
  - Low environmental impact
  - 0% VOC
  - Low consumption



› Technical characteristics

<b>Chemical basis</b>	Wax-based
<b>Physical state</b>	Cream
<b>Density</b>	950 - 1050 g/L (transparent - colours)
<b>Acidity degree (pH)</b>	8.0 – 9.0
<b>Gloss level</b>	Semi-matt
<b>Drying time</b>	Depending on the climatic conditions: ± 12 hours
<b>Dry to the touch</b>	After 30 minutes
<b>VOC content</b>	0% VOC
<b>Pearl effect</b>	The pearl effect already starts after 3 hours
<b>Second layer</b>	The product can be applied in 1 or 2 layers depending on the look you want. A second layer can be applied after 3 hours and preferably within 24 hours.
<b>Application information</b>	<ul style="list-style-type: none"> <li>• Protects and colours all vertical exterior wooden surfaces (wooden claddings, fences, carports, shutters, garden sheds, etc.) <ul style="list-style-type: none"> <li>◦ Not suitable for horizontal exterior surfaces</li> <li>◦ Vertical does not refer to the direction of the mounting of the boards</li> <li>◦ Not suitable for treating windows and doors</li> </ul> </li> <li>• Suitable for both new and previously treated wood</li> <li>• 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)</li> </ul>
<b>Water resistance</b>	The application of a wax-hydrophobic agent such as WoodCream to the pore walls converts the natural capillary effect of wood fibres into a water-repellent effect. Instead of absorbing water, the wood fibres will now repel this without reducing the opening of the pores. This ensures the vapour diffusion and lets air and water vapour through.
<b>Advantages</b>	Protection against sun, rain and wind
<b>Colour retention</b>	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.
<b>Storage</b>	The product can be stored for up to 24 months. Store in dry conditions and in the original unopened packaging. Keep away from frost.
<b>Consumption</b>	12-20 m <sup>2</sup> /L * Depending on the type of substrate

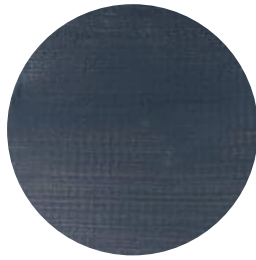
*\* These usages are merely indicative. Results depend on wood type and method of preparation. It is always recommended to make a sample in order to calculate the exact usage.*

The Grey Collection

> Colours on Pine



TRANSPARENT #0



BLUE GREY #5



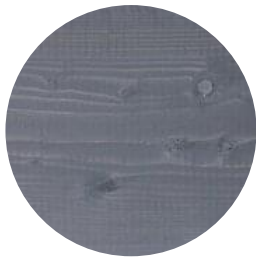
BOLD BLACK #7



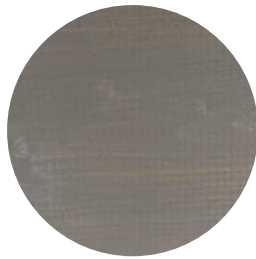
CHARMING GREY #8



DIRTY GREY #1



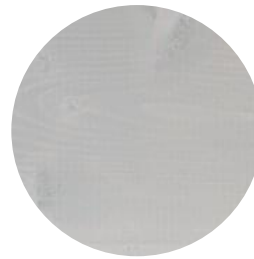
GRAVEL GREY #4



GREEN GREY #6



MISTY GREY #3



TIMELESS GREY #2

The Traditional Collection

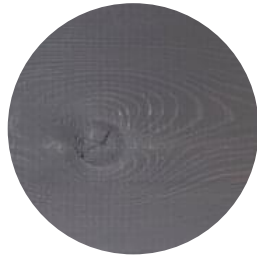
> Colours on Pine



BURNED CHOCOLATE



CREAMY WHITE



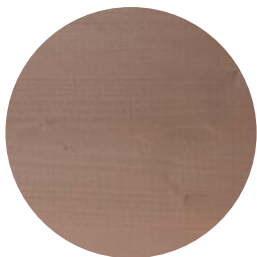
DEEP TAUPE



MOCHA CREAM



RICH ALMOND



SALTED CARAMEL



SNOW WHITE



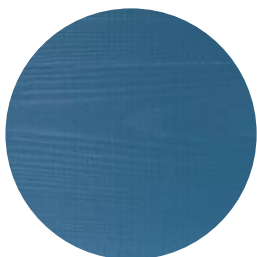
SOFT TAUPE



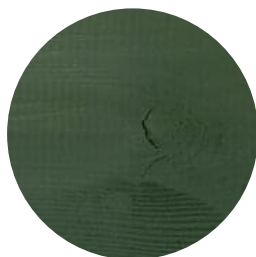
SWEET TOFFEE

The Scandinavian Collection

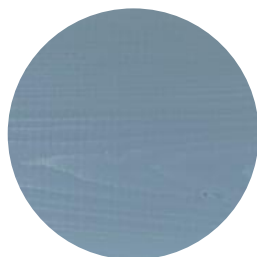
> Colours on Pine



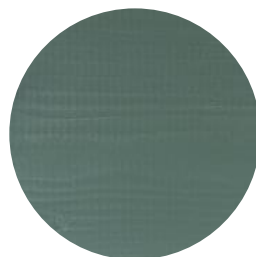
AURORA BLUE



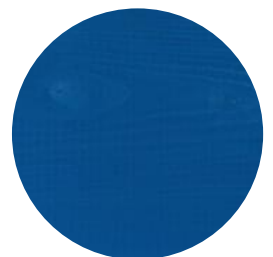
COUNTRY GREEN



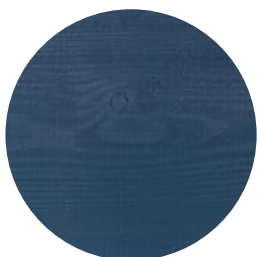
FJORD BLUE



FOREST GREEN



ICE BLUE



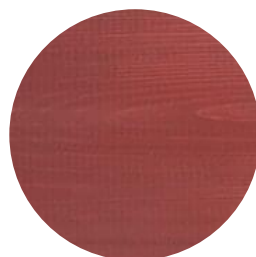
NAVY BLUE



OSLO OCHRE



QUIET GREEN



SWEDISH RED

Colours shown are on pine. The colours shown are for reference only and are not binding.

The transparent version (#0) creates a non-coloured effect. Since this version has no UV filter, Transparent (#0) allows the wood to age naturally while still protecting the wood and making it water-repellent. Apply it undiluted.

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

› Packaging



Can 30 ml



Can 1 L



Can 2,5 L



Can 5L



Metal can 20L

## APPLICATION INFORMATION

### > Instructions

#### 1. **Preparation** (only in case of heavily weathered wood)

Is your wood too weathered to start sanding right away? Then clean it first with either water or Exterior Wood Cleaner (see step 2 for instructions). By already removing a lot of dirt beforehand, your sandpaper won't get dirty right away when sanding.

#### 2. **Application**

##### 2a. Application on new or untreated wood

**STEP 1.** Sand the surface with sandpaper up to grit 120 in the direction of the grain. Coarser sanding promotes better product adhesion and performance.

**STEP 2.** First wet the wood surface with a fine mist of water. Clean the surface with Exterior Wood Cleaner and a stiff bristled nylon scrubbing brush (wear gloves). Use a mixture of 10% Exterior Wood Cleaner and 90% water (depending on the soiling or weathering of the wood, a stronger ratio may be required). Do not allow the solution to dry and thoroughly rinse off the cleaning solution-residue with clean water.

**STEP 3.** Allow the surface to dry completely.

**STEP 4.** Stir WoodCream thoroughly before use. Dilute it with WoodCream Softener if necessary\* and stir again until a homogenous mixture is obtained.

##### \* When to dilute with WoodCream Softener?

1. With roughsawn, very porous or dry wood (<14%): dilute with a ratio of max 1:1
2. To create an aged or a more transparent effect: dilute with a ratio of max 1:1

- Create an instant aged look by adding WoodCream Softener to one of the colours from the Grey colour collection.

**STEP 5.** Apply the product evenly to the vertical wood surface with a WoodCream Brush. Finish in the direction of the wood installation and work in zones of 3 to 4 boards wide.

- Maintain a wet edge to avoid lapmarks.

**STEP 6.** Allow the surface to dry 12 hours or apply a second application in case a more opaque result is desired. You may apply a second application after at least 3 hours of drying time and preferably within 24 hours. To avoid excessive build-up, dilute the WoodCream this time with 25%, or up to 50% WoodCream Softener.

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

#### 2b. In case of renovation/refreshing WoodCream

Clean the surface with Exterior Wood Cleaner (ratio of 10% Exterior Wood Cleaner and 90% water). Reapply WoodCream in the original colour. Dilute the WoodCream with WoodCream Softener in a ratio of 9:1 up to a ratio of max 1:1 depending on the desired result.

#### 2c. Renovation of older, non-Rubio Monocoat coatings

**STEP 1.** Remove any loose weathered coatings or wood fibres from previous treatments and sand the surface properly with sandpaper up to grit 120 in the direction of the grain. Coarser sanding promotes better product adhesion and performance.

- Precaution: When the existing coating system is in very poor shape remove the remaining coating system completely down to bare wood and treat it then as new wood.

**STEP 2.** Next, clean the surface with Exterior Wood Cleaner and a stiff bristle nylon scrubbing brush (wear gloves). First dampen the wood surface with a fine spray of water. Use a mixture of 20% Exterior Wood Cleaner and 80% water. Do not allow the solution to dry and thoroughly rinse off the cleaning solution residue of with clean water until all foaming is rinsed away.

**STEP 3.** Allow the surface to dry.

**STEP 4.** Stir WoodCream thoroughly before use and add 25 - 50% WoodCream Softener to the product. Apply a first layer with the WoodCream Brush. Work in zones of 3 to 4 boards in the direction of the wood installation.

- Maintain a wet edge to avoid lapmarks.

**STEP 5.** Apply a second application of WoodCream after at least 3 hours of drying time and preferably within 24 hours. This way, you can prevent gloss differences between raw wood and patches where the old coating was still present.

- 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 WoodCream Brush on the first layer in one smooth movement and going over it several times.

**STEP 6.** Allow the surface to dry 12 hours.

#### 2d. Industrial application

When you want to apply this product in an industrial manner, contact our technical department for further detailed application instructions.

#### 2e. Caution: Powerwashing

Powerwashing with clean water may be a very good method to wash off cleaning solution residue. However, it can also cause serious damage of the wood surface in the hands of an inexperienced operator. **Use a garden hose if you are not experienced in powerwashing.**

When powerwashing, use caution to avoid damage to the wood surface. For this purpose, do not exceed 34,5 – 55 BAR (500-800 PSI). The nozzle must be not more than 30 cm (one foot) from the surface for full effectiveness with this pressure.

Never use a zero-degree spray nozzle on wood surfaces. Utilizing higher water pressure than recommended can easily damage the wood surface when you get too close to the wood surface!

### **3. 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:

- Dirt & green deposits; clean with low pressure water and soft brush
- Fading out of colours\*
- Diminishing pearl effect\*

\* If necessary, 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 WoodCream with WoodCream Softener in a ratio from 9 parts WoodCream and 1 part WoodCream Softener to max. 1 part WoodCream and 1 part WoodCream Softener to achieve the desired result.

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



› **Tips & Tricks**

- Stir the WoodCream regularly during use to distribute the colour pigments sufficiently.
- Avoid direct sunlight on the surface.
- In case of high temperatures (> 30°C) or when there is no shadow, we recommend diluting WoodCream with 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 WoodCream with WoodCream Softener so you can easily apply WoodCream on the surface. For a more covering effect you can apply a second layer.
- The product can also be applied by spray gun. In this case, dilute the WoodCream with the Industrial Diluent Concentrate. Consult the Technical Data Sheet of the Industrial Diluent Concentrate before use.



**WARNING**

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

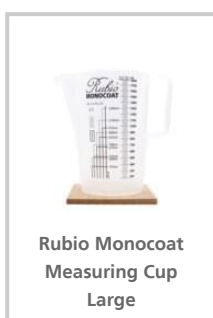
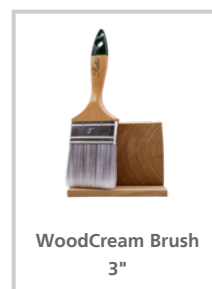
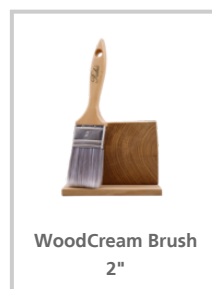
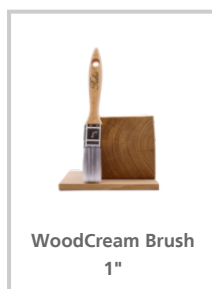
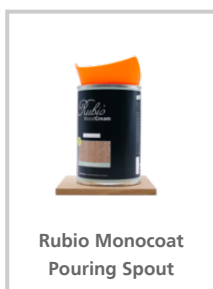
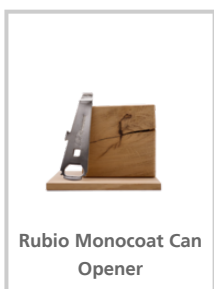
**INFORMATIONAL**

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

**INFORMATIONAL**

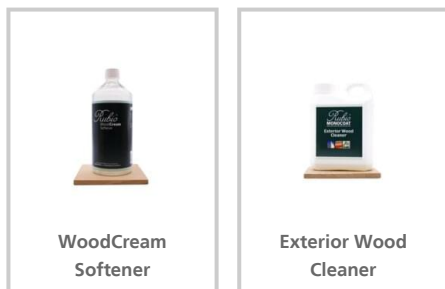
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› **Tools**



Clean the tools with water after application.

› Related products



› Certificates



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)

**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: 05/02/2024. Check the safety information before using the product.**



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