

Industrial DuroGrit

Tomorrow's UV protection for your outdoors

DuroGrit is a sustainable, wood fibre fortified and water-soluble oil that colours and protects all exterior wood in 1 single layer. The FibreGrit Technology, where added wood fibers give the oil its unique structure, provides the perfect combination between a saturating and a breathable monocoat system.

Thanks to this technology, the product does not only have an incredible and long-lasting UV protection compared to other exterior wood finishing products, but it is also extremely durable and resistant.

The industrial version is an adapted version of the standard DuroGrit with anti-blocking properties. Different resins and additives also provide a much shortened drying time so finished boards can be packed much faster.

The Industrial DuroGrit is meant to be used on vacuum coaters or spray coaters.



PRODUCT INFORMATION

› Specific characteristics

- Suitable for all wood types
- 0 % VOC (does not contain any organic solvents)
- Plant-based
- Fast-drying
- Maintains the natural look and feel of the wood
- Water and dirt repellent
- Long-lasting weathering and UV protection thanks to the unique **FibreGrit Technology**
- Will not crack, peel or flake off
- Open pore structure which allows the wood to breathe and reduces swelling and shrinkage
- Only 1 layer needed
- Extra durable
- Strong mechanical resistance (also suitable for exterior furniture, decking, etc.)
- Easy to maintain. No need for sanding!

› Technical characteristics

- Physical state at 20°C (68°F): liquid
- Odour: oily
- Density: 0.9 - 1.1 kg/L
- VOC content: 0 g/L
- Gloss level: matt
- QUV: tested according to the standard EN 927-6

DRYING TIME	2 hours (20°C and 50 %RH) Can be dried using an infrared tunnel, maximum 55 °C
CURING TIME	4 hours (20°C and 50 %RH)
APPLICATION INFORMATION	All vertical and horizontal wooden surfaces outdoors (e.g. terraces, cladding, garden furniture, ...)
ESTIMATED COVERAGE	8 to 15 m ² /liter (aim to apply 60-100 grams/m ²) Grammage is highly dependent on the type of wood. Absorbent types of wood quickly reach 100 g/m ² , dense wood species sometimes only 60 gr/m ² . If the boards come out of the spray chamber clearly wet, it's OK. If dry spots appear within a minute, apply a little more.
WORKING TEMPERATURE	10 to 30°C
WOOD MOISTURE CONTENT	Min 12%- max. 18%
STORAGE/ TRANSPORT	5 to 25°C
SHELF LIFE	24 months
CLEANING OF MACHINES	Water
DISPOSAL	Dispose of residue and empty packaging in accordance with local ordinances

The Salt Lakes Collection

› Colours



UNTREATED WOOD



SUTTON GREY



ATACAMA GREY



TUZ WHITE



UTAH PINK



SALINAS BLUE



SALT LAKE GREEN



RUBIO MONOCOAT GREEN

The Great Plains Collection

> Colours



UNTREATED WOOD



LIGHT SAND



PRAIRIE DUST



GRASSLAND BEIGE



FOXY BROWN



ROCKY UMBER



STEPPE LOOK



BISON BROWN



CHARRED BLACK



SADDLE BLACK

The colours shown on pine are for reference only and are not binding. We recommend doing a test on identical sanded wood.

> Packaging



Can 1L



Can 5 L



Metal can 20 L

APPLICATION INFORMATION

› Instructions

Always contact our Technical Service Team before use!

Product can be diluted with water to facilitate spraying. Keep in mind however that the minimal coverage should be calculated using the actual undiluted product.

For minimal coverage, the wood should be completely wetted with undiluted product.

Vacuum coater

Follow the manufacturer's instructions for operating the vacuum coater.

Step 1: Mix the Industrial DuroGrit well (use a large hand mixer for this).

Step 2: Prepare a minimum of 10L and let the machine inflate it.

Step 3: Set up the machine with the correct parameters.

Step 4: Make some test boards and compare with already made samples (note: only judge the colour after complete drying. When drying, the colour becomes more transparent).

Step 5: Use a scale to check the grammage (always aim to apply approx. 60-100 grams/m²).

› Tips & Tricks

- Stir well before use to avoid sagging of the pigments.
- Product may be diluted with water if necessary. Always test with the undiluted product first. If it is difficult to spray on the machine or the standard grammages are too high, the product can be diluted with water. Keep in mind that the final grammage must then also be higher. Suppose a board needs 100 g/m² and you have diluted the product 20% with water, you will have to apply about 120 g/m² of this diluted product. Diluted product will be more likely to sag in the pot, so use the diluted product as soon as possible.
- When stationary, the product is more viscous than when in motion. This makes the product easy to spray, but does not drip after spraying. Because the product looks more viscous in the can, some people think it will not be sprayable. In most cases, however, it is still perfectly sprayable.
- With this industrial version, the boards will significantly stick less when being packed on each other. At a temperature of 20°C (and 50% RH) boards can be stacked already after 2 hours. The final degree of blocking depends on the type of wood and the pressure applied to it. However, we cannot guarantee that they will not stick together at all, but complete adhesion should not occur. If possible, the safest option is to put a foil between the boards.
- Drying can also be accelerated using a drying tunnel. However, temperature should not exceed 55 °C.
- This version is optimised for spraying. Manual application with a brush or roller are not possible.

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

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: 16/06/2025. Check the safety information before using the product.



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