

ROYL Oil Exterior #4570 Clear

Technical Data Sheet



Product description

Deep-impregnating and oxidatively drying one-component oil for outdoor wood based on vegetable oil with extra UV protection. Anti fungal. Suitable for all types of wood on both horizontal and vertical surfaces, such as decking, fences and garden furniture. Impregnates, nourishes and protects the wood from the inside. Does not crack or flake. Available in Clear #4570; can be coloured with separate COLOUR PIGMENTS for Oil to create Clear colours from the Wood- and Grey tones COLOUR CHARTS.

Formerly ROYL Outdoor.

Product Specifications

	Packaging	1-litre can	
	Area of applications	Outdoor.	
	Average yield	Depending on the substrate, 15-30 m ² /L.	
	Thin with	ROYL Oil Exterior #4570 is ready to use.	
	Clean with	Clean spilt materials and tools before drying with Linotyn or aromatic-free turpentine.	
	Temperature during application	At least 10°C.	
	Relative humidity during application	Lower than 80% RH.	
	Resilient	Resilient after 24-48 hours.	
	Natural raw materials	62 wt %	This is the total quantity of renewable raw materials + water + mineral materials.
	Bio-based carbon compounds	62 wt %	This is the ratio of bio-based raw materials to the total quantity of bio-based + petroleum-based raw materials
	Solids content	Approx. 60 vol%.	
	VOC content	This product has a maximum VOC content of 320 g/L. Doesn't meet the Dutch Health & Safety Requirements for professional indoor use.	
	Colour	Base Clear for creating 24 standard colours, with a colour code starting with C. See Wood- and Grey tones COLOUR CHARTS.	
	Density	0,88 kg/l in accordance with ISO 2811.	
	Resistance	Protects against water, dirt and weather influences.	
	Storage, transport and shelf life	Keep cool in tightly closed original packaging in a ventilated area. Can be kept for at least 2 years after production date. Limited shelf-life after opening. Insensitive to frost.	

Substrate and preparation

- The surface must be sufficiently absorbent, clean, dry and free of wax, grease and dust. The surface to be treated must not be in permanent contact with the ground or water and must be able to dry quickly after a rain shower. Wood moisture content must not exceed 20%. Ensure that the wood has been able to dry completely after the last rain or wet cleaning before applying the product.
- The wood must be sanded evenly without any disturbing sanding scratches.
- Check the processing and drying conditions well before starting the application. This gives time and opportunity to take measures. Do not apply oil if there is a chance of rain in the first 12-24 hours. Do not apply in full sun or on a surface that is strongly heated by the sun. Take into account dew formation in the early morning hours and a lowering of the dew point during twilight.
- Always thoroughly clean previously oiled and/or contaminated surfaces with ROYL Intensive Cleaner #9120. Tip: Start the renovation of bare, greyed and weathered wood with de-greying.
- Always make a test area on unknown surfaces first.
- Register the batch numbers of the products used (6-digit number on the packaging).

System composition

- Bare sanded surface:
Apply ROYL Oil Exterior #4570 Clear until saturation is achieved. Then rub dry. If necessary, tint with with a COLOUR PIGMENT #01xx of your choice.
Do not add more than 1 pouch of COLOUR PIGMENT to 1 litre of ROYL Oil Exterior #4570 Clear.
- On existing ROYL finish:
Apply ROYL Oil Exterior #4570 Clear until saturation is achieved. Then rub dry. Use the same colour and mixing ratio as the existing finish.
First scrub the surface with ROYL Intensive Cleaner #9120 and allow to dry completely before applying the oil.

Application

Shake the packaging well before use. If necessary, add COLOUR PIGMENT for Oil and mix until an homogeneous colour is achieved. Use a 2.5 litre mixing vessel for easy mixing. If multiple packaging is required, always first colour the total amount of oil and mix homogeneously to prevent colour differences.

Distribute ROYL Oil Exterior #4570 generously over the surface and rub in well. Application can be done with a pad, sponge, cloth, (block) brush or roller. Apply enough oil to saturate the surface with oil. Allow to soak for approx. 20 minutes. Oil any areas that become dry in the meantime. The rubbing in is finished when the entire surface has an even, satin-matte shine without dry spots and/or splashes or puddles of undistributed oil.

Then rub the surface dry with absorbent, lint-free cloths. The oil must not remain as a film on the wood. Rubbing dry is essential for a good and even result. Replace saturated cloths with clean ones in time.

If the wood continues to absorb the oil completely after multiple applications, stop applying it. Continue rubbing dry and let the oil dry for at least 24 hours. After the drying time, repeat the procedure to bring the wood to full saturation. Always rub the entire surface dry.

Other

- The COLOUR CHARTS are made on oak. The colour will turn out differently on another type of wood. If necessary, first make a test area to check the colour.
- Adding COLOUR PIGMENT increases the UV protection and provides even better protection against ageing by sunlight.

Waste

- **Caution: Pads, cloths and other materials that have come into contact with oil can self-ignite due to overheating. To avoid the risk of fire, allow contaminated materials to dry unfolded or store immersed in water in a closed container.**
- Dispose all liquid oil residues and cans with wet oil residues as chemical waste in accordance with local guidelines. Fully dried oil residues and dried-in pads and cloths can be disposed of as residual waste.

Maintenance

Apply a new layer every spring. Repeat if necessary, when the water-beading effect on horizontal parts become less. If desired, apply protection again at the end of the season to prevent long-term moisture ingress in the cold season.

Need more information or advice?

For frequently asked questions, please go to www.rigoverffabriek.nl. For immediate advice during office hours, you can call +31 (0) 255 548 448, send an email to advies@rigoverffabriek.nl or send a WhatsApp message to +31 (0) 6 47 05 78 24. The safety data sheet is available from www.rigoverffabriek.nl under product - documents/factsheets.