

no. 752

## Oiling of furniture and components in external areas



A

### Description

Wood used outdoors is exposed to atmospheric conditions such as rain, snow and UV radiation. Unless the conditions are permanently wet, these combined influences will "only" cause the surface to fade.

Wooden surfaces used in external applications must be structured in a suitable way and a chemical or biological wood preserving agent applied to minimise the effects of weathering.

The new SURFIX oil dispenser and Outdoor oil from Festool provide the perfect solution for protecting wood from weathering in external applications and revitalising faded wood.

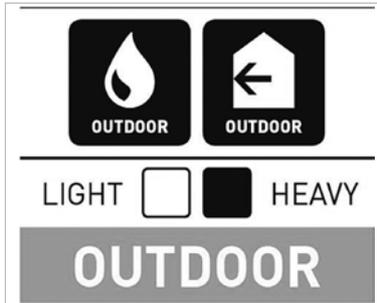
The SURFIX oil dispenser enables the quick and efficient application of oil to exterior surfaces.



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## Rubin 2



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The Outdoor oil grade is suitable for almost every interior and external application and equally suited to light and dark wood. For ecological surface protection of the highest quality.

The following application example describes how to treat outdoor furniture and components used in external applications using the SURFIX oil dispenser and Outdoor oil.

Outdoor oil was specially developed for external applications and contains natural fungicidal and UV protection ingredients.

## B Tools/accessories

The following tools and accessories are used in this application example:

Designation	Order no.
Oil dispenser SURFIX OS-SYS3 Set	498063
Accessories for individual or subsequent purchase:	
Outdoor oil dispenser in white metal container	498062
Outdoor refill set, 2 x 0.3l	498066
Outdoor refill set, 1 x 5l canister (incl. tap)	498069
Oil sponge OS-STF 125 x125/5 (5 in pack)	498070
Cloths 240 x 380 mm (200 in dispenser box)	498071
Machines and accessories for preliminary and finishing work:	
Eccentric sander ETS 150/3 EQ-Plus	571542
CTM series mobile dust extractor	
Polishing pad PT-STF-D150-M8	485748
Special cloth STF D150 green (10 in pack)	496508
Special cloth STF D150 white (10 in pack)	496509
STF D150/16 P180 RU2/50	499123
STF D150/16 P220 RU2/50	499124
STF D150/16 P240 BR2/100	496593
STF D150/16 P320 BR2/100	496594

The ETS 150/5 and RO 150 FEQ or ETS 125 and RO 125 FEQ can be used as an alternative (incl. all compatible Ø125 mm accessory items).  
NEW: Rubin 2 with P220 grit is perfect for oiling prepared surfaces



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## C

### Preparation/Set-up

Before the oil is applied, the wood must be prepared using a final sanding grit of P100 to P150, depending on the relevant wood type. If necessary, use a finer grit for high-quality garden furniture.

Grits finer than P240 are not recommended because the capillaries of the wood are too densely compressed, which makes it hard for the oil to penetrate the surface.

- After sanding the wood for the last time, attach the PT-STF-D150-M8 backing pad and the green sanding cloth to the ETS 150 for the first oil coating. We recommend using the white cloth for other tasks.
- Set the sander speed to 3 or 4.

## D

### Procedure

Oil application:

- Now apply an even coating of Festool Heavy-Duty oil to the dust-free surface using the SURFIX oil dispenser.
- Raise the oil dispenser slightly and squeeze the bottle to distribute the oil evenly over the surface
- Edges and end grain surfaces are usually oiled first because they absorb more oil due to their capillary effect and may leave drips behind. The visible side should also be oiled first.
- The oil is now distributed evenly over the surface without applying pressure. Squeeze the bottle again to apply more oil.
- Once the oil has been distributed evenly over the surface, it should be left to absorb for approx. 15 min.



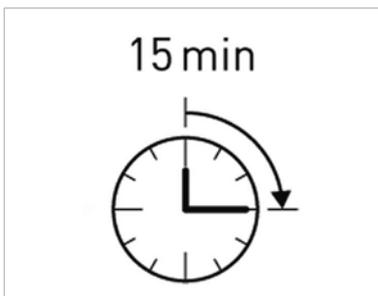
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Reworking:

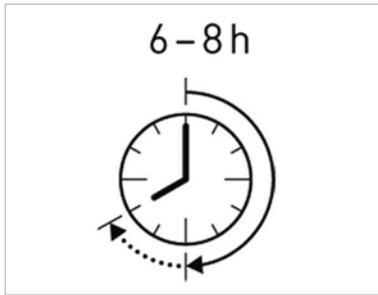
- After allowing the oil to absorb, work in evenly using the ETS or ROTEX with green special cloth (flattens the protruding wood fibres to produce a smooth surface) and wipe off residues using the cloth. (If the residues are not removed, the surfaces on the end product may be shiny, blotchy and sticky.)

Oil coating/finishing work:

- The second coating can be applied once the surfaces are dry. Use the same procedure as the first coat.



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- After allowing the oil to absorb for 15 minutes, work in using the white special cloth. The white special cloth does not contain any grit and therefore produces an even better quality surface on the end product.
- Depending on quality standards, a third oil coating can be applied when the second coat is dry.
- Read the following additional information to ensure that the processes before, during and after oiling run smoothly:
- Warning: risk of spontaneous combustion! Any objects or consumables that come into contact with oil (e.g. sanding discs, cloths, foam pads) should either be stored in an airtight metal container or soaked in water. Do not lay out to dry on combustible materials or throw in the waste bin!
- After finishing work, store the SURFIX oil dispenser in the white metal container to avoid the risk of spontaneous combustion and prevent the foam pad from drying out.
- Edges and end grain surfaces are usually oiled first because they absorb more oil due to their capillary effect and may leave drips behind.
- Always shake the storage container/bottle vigorously prior to use because individual components in the oil may have settled on the bottom. Failing to shake the bottle may increase drying times and have a negative effect on the appearance and properties of the oil.
- Maintenance intervals may vary depending on the hazard class and how much wear the treated surfaces are subject to. In this case, choose a reworking interval according to the visual appearance.
- Since all three oil types harden oxidatively (reaction with oxygen), the constant circulation of air must be guaranteed for the duration of the drying time.
- Never apply oils in direct sunlight. When oil is applied in extreme sunlight, it is absorbed too quickly and is much more difficult to rework.
- It is advisable to add a small amount of water to the white metal container to prevent the foam pad from sticking to the tin and keep the pad moist for longer.

**FESTOOL**

Our application examples are documented working steps that we have performed in practice. Working with machines, hand tools, wood and chemical products always poses a substantial risk. As a result, our application examples are only performed by skilled and experienced tradesmen. We cannot promise that the projects described here will turn out successfully because it all depends on your level of skill and the materials you are using. We always endeavour to provide accurate information, but cannot accept liability for the correctness of this information. We exclude all liability for breaches of duty resulting from slight negligence, unless damage from injuries to life, body or health are involved. Furthermore, liability for breaches of duty, the fulfilment of which is absolutely required for the proper rendering of the services owed under the agreement and the adherence to which you may regularly rely on, remains unaffected.

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