

No. 553

## Oiling and waxing



### A

#### Description

Natural surface treatment is today part and parcel of furniture construction. Consumers and users are increasingly ensuring that wooden surfaces in the living environment are treated with compatible agents. Oiled and waxed surfaces impress with their incomparable naturalness.

In comparison to oil, the wax does not sink into the wood as deep and forms a protective surface finish. It is well suited for classic and rustic furniture styles, and is familiar from antique solid wood furniture. Waxed areas are unsuitable if the surface is exposed to permanently high mechanical stress, high temperatures or chemical solvents. Here oiled or painted or lacquered surfaces are less sensitive.

Festool offers an efficient and economical system for these applications with the eccentric sanders ETS 150/3 EQ or ETS 150/5 EQ and the ROTEX RO 150 FEQ, as well as the corresponding accessories and consumable materials.

In this example Biofa worktop oil and Biofa wood wax have been used.

**B**

## Tools/Accessories

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

For sanding wood depending on the application:

- Preparation -> Rubin P120, P150, P180; Brilliant 2 P240\*
- if necessary intermediate sanding -> Brilliant 2 P320, P400\*



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### Oiling:

Designation	Order No.
Eccentric sander, ETS 150/5 EQ Plus	571545
Backing pad PT-STF-D150-M8	485748
Special non-woven material, grit, green, VLIES STF D 150 green 10X	496508
Special non-woven material, grit, white, VLIES STF D 150 white 10X	496509

Alternative tools and accessories:

Designation	Order No.
Eccentric sander, ETS 150/3 EQ Plus	571542
Geared eccentric sander ROTEX, RO 150 FEQ Plus	571570
Polishing pad FastFix, PT-STF D150 FX-RO150	493914
Geared eccentric sander ROTEX, RO 125 FEQ Plus	571533
Polishing pad FastFix, PT-STF D125 FX-RO125	492128
Special non-woven material, grit, green, VLIES STF D 125 green 10X	496510
Special non-woven material, grit, white, VLIES STF D 125 white 10X	496511

### Waxing:

Designation	Order No.
Geared eccentric sander ROTEX, RO 150 FEQ Plus	571570
Polishing pad FastFix, PT-STF D150 FX-RO150	493914
Special non-woven material, grit, white, VLIES STF D 150 white 10X	496509
Alternative:	
Polishing felt, hard PF-STF-D150x10-H	485970

Alternative tools and accessories:

Designation	Order No.
Eccentric sander, ETS 150/3 EQ Plus	571542
Backing pad, PT-STF-D150-M8	485748
Geared eccentric sander ROTEX, RO 125 FEQ Plus	571533
Polishing pad FastFix, PT-STF D125 FX-RO125	492128
Polishing felt, hard, PF-STF-D125x10-H/5	493078
Special non-woven material, grit, white, VLIES STF D 125 white 10X	496511

\* Please obtain the order no. from the Festool main catalogue or from the Festool website.

## C

### Preparation/Set-up



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- Sand the wood according to the manufacturer's specifications. Use grit range between P150 (flooring) and P240 (furniture).
- The wooden surface to be coated should be completely dry and free of dirt, oil, grease and abrasive dust. It is recommended to perform a few test coats on wood containing tannic acid and dyes/stains.
- Depending on the processing information from the manufacturer, spray guns, brushes, rollers or cloths can be used when applying the oil or wax.

#### Oiling

- After the wood has been sanded fit the backing pad PT-STF-D150-M8 on the ETS 150 and position the green sanding cloth for the first oil application - for further applications we recommend the white polishing fleece.
- Set the speed level to 3 - 4.
- Alternatively the ROTEX RO 150 FEQ or the ROTEX RO 125 FEQ can be used.

#### Waxing

- ROTEX RO 150 FEQ or RO 125 FEQ in coarse sanding for intensive and permanent processing of the material on the workpiece surface
- Mounting of backing pad PT-STF-D150 FX and attaching of the white special non-woven cloth or polishing felt
- Set the speed level to 3 - 4.

**D**

## Procedure

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### Oiling

- Apply the oil as per the manufacturer's instructions
- After a short application time work in the oil evenly using the ETS or ROTEX and green special non-woven cloth and then remove excess using a lint-free cloth
- Depending on the manufacturer's instructions, leave the oil to dry for 12 - 24 hours and for particularly high-quality surfaces carry out intermediate sanding using Brilliant 2 P320/400 if necessary.
- Then apply more oil and correspondingly work in using the white special non-woven cloth until the desired surface quality is obtained
- Depending on the manufacturer's recommendation and the demands of the workpiece, 2-3 applications are required

### Waxing

- Apply the wax as per the manufacturer's instructions and remove any excess
- After the recommended drying time polish using the ROTEX or ETS and the white special non-woven cloth or alternatively with the polishing felt
- Move the machine evenly over the workpiece until the desired shine is achieved

### Caution: Risk of spontaneous combustion!

Store cloths, pads, non-woven cloths, etc. either air-tight in a metal container or rinse, allow to dry (do not spread out on flammable materials), and throw in the bin!

**FESTOOL**

Our example for use is a recommendation tried and tested in practice. However the actual conditions pertaining in each situation are completely outside of our control. We therefore do not provide any form of guarantee. Any legal claims arising out of this are not to be made against Festool. Please observe without fail the safety and operating instructions included with the product.

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