

No. 609

Intermediate sanding

**A**

Description

Timber and derived timber workpieces are often protected against external influences with clear coats. These clear coats cover the timber with a plastic layer and thus shield the sensitive surface, e.g. against undesired discoloration and dirt.

Before applying the undercoat the timber areas are generally sanded using wide or long belt sanders. These machines smooth and level the planed surface. Depending on the wear of the sanding belt, isolated wood fibres cannot be removed neatly. These appear again during the application of the undercoat and must be removed during intermediate sanding.

Previous solution:

1. Time-consuming intermediate sanding by hand.
2. Intermediate sanding using super finishers. Unfortunately these cause the formation of sanding rings.

Solution:

The ETS 150/5 EQ or alternatively the ETS 125 EQ and the corresponding Festool system accessories provide a quick, clean and efficient solution to the above-mentioned problem.

B

Tools/Accessories



609/01



609/02

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

Designation	Order No.
ETS 150/5	
Eccentric sander, ETS 150/5 EQ Plus	571545
Abrasives	
Brilliant 2 STF D150/8 P240	492987
Brilliant 2 STF D150/8 P320	492988

Alternative:

Designation	Order No.
ETS 125	
Eccentric sander, ETS 125 EQ Plus	571605
Abrasives	
Brilliant 2 STF D125/8 P220	492950
Brilliant 2 STF D125/8 P320	492951

C

Procedure



609/03

Fine-pored hardwood:

(e.g. beech, maple, etc.)

1. Wait until the undercoat is fully dry.
2. Equip the sanding pad with Brilliant 2 P 320. (Fig. 609/03)
3. Set the speed to 4 – 6.
4. Sand the area crosswise applying gentle pressure. (Fig. 609/04)
5. Adjust the speed downwards in the edge area to minimise the risk of sanding through.
6. Perform a visual inspection of the surface and also feel the surface. Then sand the surface again if necessary.



609/04

Coarsely porous hardwood and softwood:

(e.g. oak, pine, spruce, etc.)

1. Wait until the undercoat is fully dry.
2. Equip the sanding pad with Brilliant 2 P 240 (ETS 125 P 220). (Fig. 609/03)
3. Set the speed to 4 – 6.
4. Sand the area crosswise applying gentle pressure. (Fig. 609/04)
5. Adjust the speed downwards in the edge area to minimise the risk of sanding through.
6. Perform a visual inspection of the surface and also feel the surface. Then sand the surface again if necessary.

FESTOOL

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