

No. 411

Sanding pigmented old wooden doors before renovation (room doors or house doors)



A

Description

On old wooden doors, whether they are room or house doors, the old paint layer must be removed before carrying out renovation work in order to be able to apply brand new paint. Here a paint layer which often comprises several coats of paint has to be removed in an environment-friendly manner and at a reasonable cost.

Problem:

Burning away using a hot air gun: Very time-consuming
 Chemical stripping or treatment: Harms the environment and damages the glued joints on door frames.

Solution:

Sanding using the ROTEX P 36 – P 80 Saphir system removes the paint layer quickly and in a clean and environment-friendly manner.



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B

Tools/Accessories



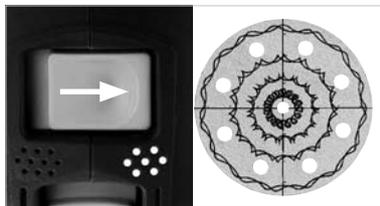
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You need the following tools and accessories for sanding wooden doors:

Designation	Order No.
ROTEX RO 150 EBQ eccentric sander	571570
Abrasive: Saphir P 36	496625
Abrasive: Saphir P 80	496627
Dust extractor: Festool CT	495315
Alternative:	
Abrasive: Granat P 40	496975
Abrasive: Granat P 80	496977
Abrasive: Granat P 120	496979
Abrasive: Granat P 150	496980
Abrasive: Granat P 240	496983
Abrasive: Granat P 280	496984
Abrasive: Brilliant 2 P 120	496589
Abrasive: Brilliant 2 P 150	496590
Abrasive: Brilliant 2 P 240	496993

E

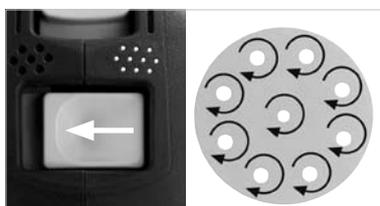
Procedure



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"Course sanding"

- Place Saphir P 36 sandpaper on the ROTEX sanding pad.
- Set the sanding motion on the ROTEX to "rotary". (coarse sanding) Fig. 411/3
- Start at speed level 2-3. If no little cones form on the sandpaper the speed level can even be increased.
- Sanding old paint layers. The ROTEX eccentric sander must be held and guided using two hands. The paint layer is sanded down to the undercoat at this setting.



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"Fine sanding"

- Place Saphir P 80 sandpaper on the sanding pad.
- Switch the sanding motion on the ROTEX to "eccentric" (fine sanding).
- The entire area is sanded in fine sanding with grit 80. The sanding pad is positioned planar on the area and the machine guided with gentle pressure. Any sanding grooves from the coarse P 36 sandpaper are now sanded down, resulting in a paintable area. The sanding pattern can be refined further using P 120.

Tip: For new generation paints and clear coats (VOC) the area must be finely sanded first. Here the base must be prepared using grit P 150/P 180.



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Intermediate sanding for new paintwork

The intermediate sanding of the new undercoat is effected at the same setting (fine sanding).

Using the Brilliant sandpaper P 120 or P 150 one obtains a high-quality surface without stress marks and scratches.

Alternatively the Granat abrasive can be used in place of the Brilliant sandpaper. With Granat the formation of the little cones starts much later.

Tip: A finer grit for the intermediate sanding of paint/clear coats is also required here for new generation paint/clear coats (VOC). The intermediate sanding is effected using grit P 240 or P280.

FESTOOL

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