

No. 520

Sanding glazed tongue and groove boards



A

Description

Wood needs protection and care

Wooden components in outside areas are subject to wear over the years. This is caused by constantly changing environmental and weather influences such as solar radiation, dampness, erosion and contamination. To retain the value, operational reliability and attractiveness of wooden components for as long as possible, coatings have to be worked over at certain intervals.



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The following application example describes how glazed tongue and groove board joints can be prepared quickly and efficiently prior to a new coating.

Tip:

Identifying feature: glazes allow the undercoat to shine through.

Their transparent coating emphasises the grain of the wood.

B Tools/accessories

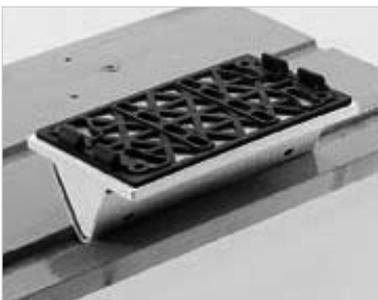
Basic equipment:



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Denomination	Order no.
Eccentric sander <i>ROTEX</i> RO 125 FEQ-Plus GB 240V	571 784
Sanding discs Brilliant 2 STF-D125/90-P80	492 945
Sanding discs Brilliant 2 STF-D125/90-P100	492 946
Sanding discs Brilliant 2 STF-D125/90-P120	492 947
Sanding discs STF-D125/0-A120 VL/5	488 107
Sanding discs STF-D125/0-A280 VL/5	488 108
Linear sander <i>DUPLEX</i> LS 130 EQ-Plus GB 240V	567 853
V-groove profile sanding pad SSH-STF-LS130-V10	490 166
STF-80x133-P60 Brilliant 2	492 849
STF-80x133-P80 Brilliant 2	492 850
STF-80x133-P100 Brilliant 2	492 851
STF-80x133-P120 Brilliant 2	492 852
STF-80x130/0-A100 VL/5	483 580
STF-80x130/0-A280 VL/5	483 581

CTL series mobile dust extractor

C

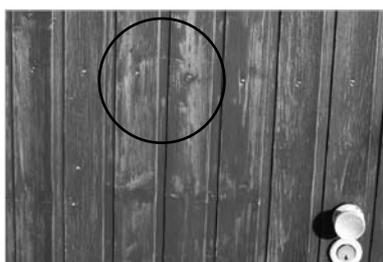
Preparation/set-up



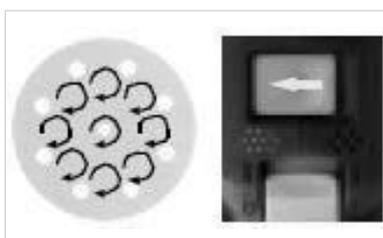
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a.) Badly weather-beaten surfaces

Coarse sanding of the surfaces:

- Connect the CT series mobile dust extractor to the *ROTEXRO* 125 FEQ.
- Set the *ROTEXRO* 125 FEQ with the switch (see Fig. 520/6) to coarse sanding.
- Set the machine speed at the speed setting device to level 6.
- Fit the sanding disc Brilliant 2 P 80 on the *ROTEXRO* 125 FEQ and sand the surface while applying little pressure.

Tip:

1. Depending on the surface quality of the old coating, coarser grits can also be selected.
2. For a follow-up coat with glaze, all remains of the old glaze must be removed from the surface. If old glaze is not removed, this results in specking (see Fig. 520/8), or it has to optically improved through tedious detail work.
3. In the case of a succeeding coat of opaque paint, the undercoat must be clean, stable and free of separating substances.

Fine sanding:

- Set the *ROTEXRO* 125 FEQ with the switch (see Fig. 520/9) to fine sanding.
- Set the machine speed at the speed setting device to level 6.
- The surface is now fine sanded again with the same sanding disc Brilliant 2 P80. Depending on the desired surface quality, this step is repeated with the Brilliant 2 P100 or the Brilliant 2 P120.

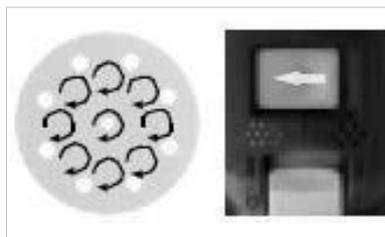
Sanding the grooves:

- Fit the linear sander *DUPLEXLS* 130 with the special V-groove profile sanding pad.
- Set the machine speed at the speed setting device to level 6.
- Connect the extractor hose to the *DUPLEXLS* 130.
- Fit sandpaper P60 Brilliant 2 on the V-groove profile sanding pad.
- Guide the linear sander *DUPLEXLS* 130 with the V-groove profile sanding pad into the wooden groove and start sanding in the direction of the groove.

Depending on the desired surface quality, this step is repeated with the Brilliant 2 P80 or the Brilliant 2 P120.

D

Procedure



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b.) Intermediate sanding of glazed coatings and intact glazed surfaces without flaking

Sanding the surfaces:

- Connect the CTL series mobile dust extractor to the *ROTEX RO 125 FEQ*.
- Set the *ROTEX RO 125 FEQ* with the switch (see Fig. 520/11) to fine sanding.
- Set the machine speed at the speed setting device to level 2–3.
- Depending on the surface quality, fit fine Vlies A 280 or coarse Vlies A 120 on the *ROTEX RO 125 FEQ*.
- Sand the surface evenly while applying little pressure.



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Sanding the grooves:

- Fit the linear sander *DUPLEXLS 130* with the special V-groove profile sanding pad.
- Set the machine speed at the speed setting device to level 2–3.
- Connect the extractor hose to the *DUPLEXLS 130*.
- Depending on the surface quality, fit sanding cloth A 100 or A 280 on the V-groove profile sanding pad.
- Guide the linear sander *DUPLEXLS 130* with the V-groove profile sanding pad into the wooden groove and start sanding in the direction of the groove.



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When this work is complete, you can continue with the succeeding coat/repainting.

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