

No. 510

Cutting out broken window glass



A

Description

The diverse tasks of a glazier or painter also include glazing broken window panes on simple wooden glazed windows.

For this purpose, the window sash must be cleared of all remains of old glass and a clean putty bed must be created.

Up to now, the remains of the glass were knocked out with a broach and hammer. The putty bed was then cleared of putty with the broach in a tedious manner by hand. This method requires a lot of practice, consumes a lot of time and is thus very cost-intensive.



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With the Festool putty router KF 5 EBQ and a special putty cutter, broken window panes can be prepared for glazing in a fast and efficient manner. Glass remains, glazing sprigs/pins and putty bed are thus removed in a single work step.



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B Tools/accessories

Basic equipment:

Denomination	Order no.
Putty router KF 5 EBQ-Plus GB 240V	574290
Rebate clearing cutter HW D33/15	483249
<u>Guide ring depending on rebate width:</u>	
Guide ring KF-04 10/13	480 174
Guide ring KF-05 8/17	480 175
Guide ring KF-03 9/15	480 173
Guide ring KF-06 12/9	480 176
Guide ring KF-07 11/11	480 177
Mobile dust extractor from the CTL or CTM series	

Caution:

Use protective goggles and gloves!

C Preparation/set-up

Depending on the rebate width, fit the corresponding guide ring (ball bearing) on the putty cutter:

Guide ring rebate width (see above)

8 mm	KF-05 8/17
9 mm	KF-03 9/15
10 mm	KF-04 10/13
11 mm	KF-07 11/11
12 mm	KF-06 12/9

- Screw putty cutter onto machine spindle of the KF 5 EBQ and tighten it.
- Set the routing depth according to the scale and block with the front knurled screw (routing depth: rebate depth + approx. 1 mm).
- Set the splinterguard deep enough that it is flush with the screw head of the ball bearing-guide ring.



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Tip:

If the window is being processed on a flat surface (e.g. multifunction table from Festool), the extended splinterguard can also be used as a stabilisation aid (see Fig. 510/5).

- Secure the extractor hose to the putty router 5 EBQ.
- Set the control electronics to level 4.
- Mount the router table on the window sash.

D

Procedure



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- Switch on the machine and move into the glazing rebate until the guide ring makes contact at the chamfer edge (see Fig. 510/5). Putty scraps, glass remains and glazing sprigs are thus cut out in a single work step.
- Always route in reverse direction to ensure to the longest possible service life of the cutters.

Note:

The routing depth can be corrected at the green knurled wheel (fine adjustment) of the stop system as required. To do this, the front clamping grip is released, the correction is made and the clamping grip is retightened.



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When cutting near the window corners, the splinterguard is pulled up with the front guiding hand so that it is not butting against the crossbar (see Fig. 510/7).

Windows with weatherboards at front:

In order to cut right into the corner on windows with weatherboards, a wooden base as large as the weatherboard must be fitted on the left and right of the upright sash (see Fig. 510/8). Chip flutes are cut out at the wooden bases to ensure that the fastening clamps do not obstruct the putty router. With this device, the putty can be cut out of the two sashes and the weatherboard.



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Upon completion of this work, corner areas can be reworked if necessary with the firmer chisel and then the window can be reglazed.



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