

No. 550

Sawing cornices and beading for ceilings



A

Description

Ornamentation and plaster beading saw repeated periods of popularity from the late nineteenth century through to the years after the First World War, and can be found today in many homes from that period, and also in apartment buildings and commercial premises.

With the end of the period of functionalist modernism in the last quarter of the twentieth century, there was a revival of interest in ornamentation, especially of ceilings and walls – not just for purposes of historical conservation, but also due to trends in contemporary design and current requirements for interior ambience. Modern ornamentation made from plastic has been adapted in its appearance to reflect the design of the older, established plaster decoration, and is complemented by modern patterns.

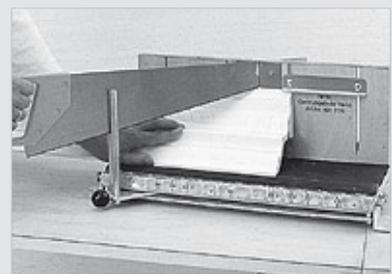
Modern ornamentation can be cut to size and mounted without difficulty.

Painters and plasterers saw the mitre into the cornice or beading strips with a mitre block and a saw (see Fig. 550/02). This work is very imprecise, complicated and time-consuming.

With the Festool compound mitre saw KAPEX KS 120 and its trimming attachments, this mitre work can be done reliably and economically. The set version includes both trimming attachments with adjustable stops, the MFT KAPEX multifunction table, mounting kit, base extension with crown stops and the correct saw blade (W 60).



550/01



550/02

B

Tools/accessories



550/03



550/04

Name	Order No.
Sliding compound mitre saw KAPEX, KS 120 EB set 240V	561291
Suction hose, anti-static, D 36x3,5m-AS	452882
Mobile dust extractor from the CTL or CTM series	*

* Please obtain the Order No. from the Festool main catalogue or from the Festool website.

Other materials:

- Angle rule

C

Preparation/set-up



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With the Festool KAPEX KS 120 four different cross-sections can be cut depending on the application.

The max. dimensions of the strips being cut are limited as follows:

- 88 x 305 mm with height dimension at 90° x width dimension at 90°
- 88 x 215 mm with height at 90° x width at 45° [see Fig. 550/05]
- 55 x 305 mm with height at 45° x width at 90° [see Fig. 550/06]
- 33 / 55 x 215 mm with height at 45° x width at 45° [see Fig. 550/07]



550/06

Note:

Limit is 33 mm to the right and 55 mm to the left.

- Set the speed to 6.
- Connect suction hose D36 x 3.5 m – AS to the KAPEX KS 120 and to the mobile dust extractor.
- If an M extractor is used: set suction hose diameter to 36.



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For good positioning of the strips and a precise mitre cut, the trimming attachments and the adjustable stops (see Fig. 550/02) are needed.



550/08

Dual-line laser and smart bevel

With the aid of the accompanying smart bevel, the corner angles can be measured quickly, allowing you to cut the strips along the line bisecting the corner angle.

The illustration shows a corner angle being measured on an inside corner [see Fig. 550/08].

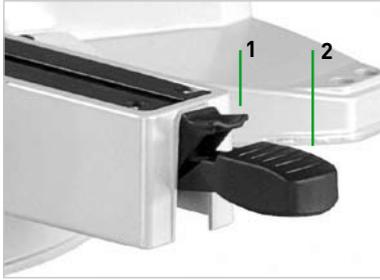


550/09

The dual-line laser integrated in the KAPEX is then switched on and aligned parallel to the scribe mark on the bevel [see Fig. 550/09].

D

Procedure



550/10

- Release the lock lever for the mitre angle (horizontal) on the base (see Fig. 550/10/1).
- Press down the detent override for the pre-set horizontal mitre angle (see Fig. 550/10/2) and align the base to the scribe mark on the bevel.
- Place the strip against the workpiece stop and position it with the stop bar on the base extension.
- Secure the strip with a workpiece clamp.
- Cut the matching angle on the adjoining strip using the same procedure.

Tip:

For proper positioning, the stops need to be brought very close to the saw blade.



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550/12

When the work is finished, gluing and finishing work can be carried out on the cornice/beading strips.

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