

No. 771

## Sanding plasterboard and dry-wall filler using the long-reach sander PLANEX LHS 225



**A**

### Description

Quality level Q4 is sought more and more frequently. On the one hand this is related to the transparency of modern architecture. Lots of glass and smooth surfaces. The lighting conditions on the surfaces change hourly and flaws or coarseness become visible in the surfaces.

On the other hand the current trend demands surface coatings or linings possessing a fine structure through to an extremely smooth finish. As a result of these developments more and more plasterboard and drywall fillers are being used.

The following sample application describes how such Q4 plasterboards and drywall fillers can be optimally processed using the PLANEX LHS 225 CTM 36 Set.



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## B

### Tools/Accessories



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

Designation	Order no.
Long-reach sander PLANEX LHS 225 CTM 36 Set (includes: StickFix sanding pad Ø 215 mm, 2 interface pads, 25 StickFix sanding discs, mobile dust extractor CTL 36 E AC PLANEX, Systainer SYS-MAXI, Planex tool holder for CT 36)	571841
ST-STF-D215/8-IP-LHS 225	496106
STF D225/8 P150 BR2/25	495066
STF D225/8 P180 BR2/25	495067
STF D225/8 P220 BR2/25	495068
STF D225/8 P240 BR2/25	495932
STF D225/8 P320 BR2/25	495933
Systainer T-LOC, SYS-STF D225 (Systainer with abrasive insert for Planex)	497691

Before processing the primed surfaces you have to decide based on your experience whether the plasterboard or drywall filler can be sanded well (quick material removal capacity, high accumulation of dust, quick scoring as a result of an abrasive being too aggressive) or whether the plasterboard or drywall filler is a "hard" material, which perhaps has already been applied to the surface a long time ago.

#### Tip:

Using a sanding disc (for example Brilliant II P80) from the Planex long-reach sander range you can test an area by manually sanding the area to be processed.

A decision on the choice of grit can then be made based on this initial impression.

The Planex LHS 225 has two different extractor settings, namely the internal extraction (see Fig. 771/05) and the external extraction (see Fig. 771/06).

#### Internal extraction:

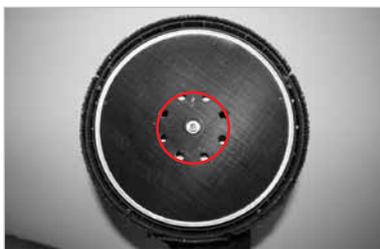
The internal extraction, also called the vacuum, has the advantage that the machine weight is reduced for the user by the machine's extraction function at the base.

For the internal extraction the dust is only extracted via the inner bolt circle of the sanding pad (see Fig. 771/05).

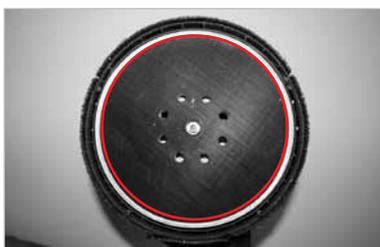
Where there is a large accumulation of dust the suction power of the internal extraction often no longer suffices. In this case the user switches to the external extraction.

#### External extraction:

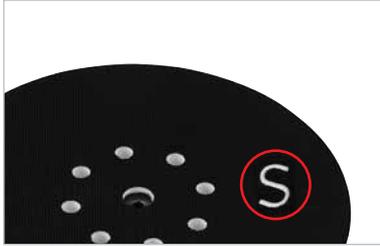
The external extraction mode on the Planex is suitable for all materials which cause a large build-up of dust/material during sanding. At this setting the dust is extracted via the outer suction ring of the machine (see Fig. 771/06).



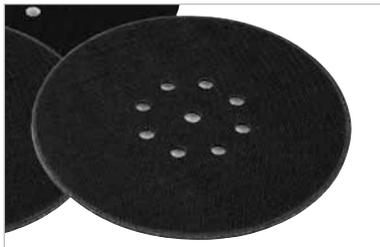
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The sample application relates to the processing of plasterboards and drywall fillers (often spray-on fillers), which cause a large build-up of dust during processing.

## C

### Preparation/Set-up

#### Planex

- Mount the IP pad (see Fig. 771/03) on the LHS. Ensure the correct base pad with the white S on the velcro side is used (see Fig. 771/07). If the standard pad is used by mistake, then the soft IP pad (see Fig. 771/08) protrudes over the brush rim of the long-reach sander and the result is unacceptable suction power.
- Turn the switch at the head of the Planex to the external extraction position. (See Fig. 771/09)
- Important: Now close the bypass at the handle by switching it to Level 6! (see Fig. 771/10) If the bypass is opened during work in external extraction mode (Levels 1-5), then you lose the entire suction power at the head of the sander.
- Now fit a Brilliant II P150 – P320 sanding disc (depending on the desired surface quality taking into consideration the material removal capacity) onto the sanding pad.
- Connect the CTM 36 AC extractor to the Planex long-reach sander.

#### CTM 36 AC

- Turn the switch on the extractor to Automatic. (See Fig. 771/11)
- ...the suction power to Max. (see Fig. 771/12)
- ...the hose diameter to 36 when using the Planex set (see Fig. 771/13)
- ...and the cleaning cycle of the automatic cleaning function to the Planex or Max. position. (See Fig. 771/14)

## D

### Procedure

- Place the Planex on the surface and turn it on. Avoid placing a running machine on the surface when sanding light plasterboards and drywall fillers as otherwise you may generate sanding marks when slanting with the pad.



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#### Professional tips:

In spite of all care, should you experience problems with the suction quality please first check the full function of your extractor (for example: volume in filter sack, suction power set to max., hose diameter at 36, cleaning interval set to max., hose clogged, etc. ...).

If there are still problems on completion of these steps and repair of the extractor, you can change the following factors:

- Reduce the speed of the Planex - less material removal capacity also means less material that has to be extracted by the extractor.
- Use an abrasive with a finer grit.

Plasterboards and drywall fillers with smaller accumulation of dust

For plasterboards and drywall fillers which generate a smaller volume of dust during processing, you can also use the internal extraction.

To be able to optimally set the suction power to your requirements, the suction power is reduced or increased via the bypass (see Fig. 771/15). You can reach maximum suction power at Level 6 and minimum suction power when using the internal extraction at Level 1. If you require less suction power for special additional requirements, then you can also reduce the suction power on the extractor (see Fig. 771/12).

# FESTOOL

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