



# **PLASTER SANDER**

FPEP8502P

# **INSTRUCTION MANUAL**

CAUTION: Read the instructions before using the machine!

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# 1. SAFETY INSTRUCTIONS

# 1.1 GENERAL SAFETY INSTRUCTIONS

WARNING Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

- 1) Work area safety
  - a) Keep work area clean and well lit. Cluttered or dark areas invite accidents.
  - b) Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes
  - c) Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.
- 2) Electrical safety
  - a) Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
  - b) Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
  - c) Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
  - d) Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
  - e) When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.
  - f) If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.
- 3) Personal safety
  - a) Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
  - b) Use personal protective equipment. Always wear eye protection. Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.
  - c) Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.

    Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
  - d) Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
  - e) Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
  - f) Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
  - g) If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.

h) Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles. A careless action can cause severe injury within a fraction of a second.

### 4) Power tool use and care

- a) Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- b) Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- c) Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- d) Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.
- e) Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- f) Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g) Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.
- h) Keep handles and grasping surfaces dry, clean and free from oil and grease. Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

#### 5) Service

a) Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

# 1.2 OTHER SAFETY INSTRUCTIONS FOR ALL OPERATIONS

### **Bounces and corresponding warnings**

Kickback is a sudden reaction to the pinching or catching of a rotating wheel, backing pad, brush or other accessory. Pinching or snagging causes the rotating accessory to lock up rapidly, which in turn can throw the power tool out of control in the opposite direction of rotation of the accessory at the point of seizure.

For example, if an abrasive wheel is caught or pinched by the workpiece, the edge of the wheel entering the pinch point can dig into the surface of the material, causing the wheel to jump or expel. The wheel may jump towards or away from the operator, depending on the direction of movement of the wheel at the pinch point. Abrasive wheels can also break under these conditions.

Kickback results from misuse of the tool and/or incorrect operating procedures or conditions and can be avoided by taking the appropriate precautions specified below:

- a) Hold the power tool firmly and position your body and arms to resist kickback forces. Always use an auxiliary handle, if available, for maximum control of kickback or torque reaction during start-up. The operator can control torque reaction or rebound forces, if proper precautions are taken.
- b) Never place your hand near the rotating attachment. The accessory may rebound onto your hand.
- c) Do not stand in the area where the power tool will move in the event of kickback. Rebound pushes the tool in the opposite direction to the movement of the grinding wheel at the attachment point.
- d) Take particular care when working around corners, sharp edges, etc. Avoid bouncing or jamming the attachment. Corners, sharp edges or bounces tend to lock the attachment in

rotation, causing loss of control or kickback.

e) Do not attach cutting chains, wood-carving blades or toothed saw blades. Such blades cause frequent bouncing and loss of control.

# 1.3 SAFETY WARNINGS SPECIFIC TO SANDING OPERATIONS

Do not use oversized abrasive paper for sanding discs. Follow manufacturers' recommendations when selecting sanding paper. Larger abrasive paper extending beyond the sanding pad presents a laceration hazard and may cause blocking, disc tearing or kickback.

# 1.4 ADDITIONAL INSTRUCTIONS

- Never allow children to use this tool.
- Never allow people unfamiliar with these instructions to use this tool. Local regulations may impose age restrictions.
- Please do not use this tool in the vicinity of people, especially children or pets.
- Before starting the tool, check that the power cable or lead extension is in good condition and free from defects caused by ageing or external stress. Do not use the tool if the power cable is damaged or worn.
- Do not place it on or near hot surfaces, or trap it in doors or windows. Do not bend it.
- If the power cable is damaged in any way during use, stop using the tool. Switch it off and unplug the power cable.
- If the tool's power cable is damaged, it must be replaced with an original cable available from your local service center.
- Never leave the unit unattended. If you leave the unit, switch it off and unplug it.
- Switch off and unplug the device when :
  - It begins to vibrate abnormally
  - You've finished using it
  - You want to release a blockage
  - Check the unit
  - Perform maintenance work
- Use the tool only during the day or under excellent artificial lighting.
- Always check that all bolts, nuts and screws are tight, and that the tool is still in good working order.
- In the event of a breakdown, do not carry out repairs yourself. Take it to an authorized repairer for inspection and repair.
- Use only accessories and spare parts recommended by the manufacturer.
- After use, store the device in a clean, dry place, away from moisture and out of the reach of children.

# 1.5 EXPLANATION OF SYMBOLS

	Read the instruction manual.
	Wear glasses.
	Wear hearing protection.
	Wear respiratory protection.
	Double insulation.
Z	Selective collection of electrical and electronic waste.

# 2. YOUR PRODUCT

# 2.1 TOOL DESCRIPTION



1	Dust bag	4	Variable speed adjustor	7	Round sanding pad
2	Adapter	5	Location of carbon brush	8	Flexible hose
3	ON/OFF switch	6	Auxiliary handle	9	Triangular sanding pad

# 2.2 TECHNICAL DATA

Model	FPEP8502P
Power supply	230V~ 50Hz
Power	850W
No-load speed	1000-1850/min
Diameter of round sanding plate	225mm
Net weight	3.1kg
Sound pressure level	LpA: 92.6 dB(A) K=3 dB(A)
Sound power level	LwA:103.6dB(A) K=3 dB(A)
Vibration	For the disc sander type function : Main handle: $ah = 4.794 \text{ m/s}^2$ ; $K = 1.5 \text{ m/s}^2$ . Auxiliary handle: $ah = 3.168 \text{ m/s}^2 \text{ K} = 1.5 \text{ m/s}^2$ For the triangular sander function : Main handle: $ah = 7.914 \text{ m/s}^2 \text{ K} = 1.5 \text{ m/s}^2$ Auxiliary handle: $ah = 8.874 \text{ m/s}^2$ , $K = 1.5 \text{ m/s}^2$

#### **INFORMATION:**

Total declared vibration values and noise emission values have been measured in accordance with a standard test method and can be used to compare one tool with another. Total declared vibration values and declared noise emission values can also be used in a preliminary exposure assessment.

# MARNING:

Vibration and noise emissions during actual use of the power tool may differ from the declared values depending on how the tool is used, and in particular on the type of workpiece being machined.

It is necessary to identify safety measures to protect the operator, based on an estimate of exposure under actual conditions of use (taking into account all phases of the operating cycle, such as when the tool is switched off and when it is running idle, in addition to the triggering time). Wear hearing protection.

# 3. OPERATING INSTRUCTIONS

- Coarse grit (80-100): Used to quickly remove large imperfections and excess plaster.
- Medium grit (120-180): Suitable for smoothing the surface after coarse grit.
- Fine grain (180-240): Used to obtain a perfectly smooth surface prior to painting or wallpapering.

The wall sander is designed for sanding walls and ceilings made of drywall or plaster. The sander provides a superior finish, faster than conventional finishing methods, for both new construction and renovation work.

## 3.1 SELECTING THE SANDING DISC

The wall sander comes with 12 pcs of sanding paper (80/100/120/150/180/240). Velcro disc installed. The abrasive is suitable for most applications. Sanding paper discs 180 and 240 are available for fine finishes.

#### INSTALLATION

Before repairing or replacing any electrical parts or accessories on this unit, ensure that the device is disconnected from the mains.

### **CHOICE OF SANDPAPER**

Select the appropriate sandpaper for the material and abrasive effect required.

## 3.2 SANDING CORNERS

For corner sanding, use the triangular sanding plate



## 3.3 DRYWALL SANDING

The sander has a special sanding head: the abrasive pad adheres to the work surface.

This allows the operator to sand the top, middle and bottom of wall or ceiling joints.

Use a ladder when sanding high walls or ceilings.

The sanding pad may adjust automatically if the wall is not flat.

#### ATTENTION:

Please wear a mask and goggles against fog and dust.

Push the wall sander switch to ON.

Position the wall sander lightly against the work surface (apply light pressure to align the sander head with the work surface).

Apply additional pressure to push the abrasive pad to the work area, while moving the sander so that it overlaps to smooth drywall towards the edges.

Apply ONLY high pressure to keep the abrasive layer flat against the work surface. High pressure may cause irreversible micro-scratches and impair the uniformity of the work surface.

The sander must always be in motion when the abrasive pad is in contact with the work surface. Use a regular sweeping motion. Stopping the sander (on the work surface), or moving the sander irregularly, could cause irreversible micro-scratches and impair the uniformity of the work surface.

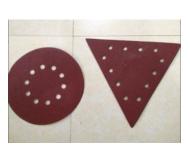
#### NOTE:

Avoid contact between the rotating abrasive plate and sharp guards. Any contact with protruding objects (nails, screws, electrical boxes, etc....) could cause dangerous damage to the abrasive pad.

# 4. INSTALLATION PROCEDURE

## 4.1 REPLACING THE SANDING PAPER

Before installing the new velcro sanding paper, the unit must be cleaned. The self-gripping sanding pad has a fabric layer. Installation of the abrasive is therefore quick and easy. The surface of the sanding paper adheres to the hook-and-loop sanding pad.







NEVER USE THE SANDING MACHINE WITHOUT APPROPRIATE ABRASIVE PAPER (to prevent serious damage to the work surface).

# 4.2 REPLACING THE SANDING PLATE

The output shaft is inserted into the center of the plate. Using the hexagonal key supplied with the tool, turn clockwise. Replace the old sanding plate with a new one and tighten the output shaft anti-clockwise.

## 4.3 CONNECTION WITH DUST COLLECTION BAG

To facilitate the cleaning process and reduce dust extraction by the operator, please connect a dust collection bag to the machine. The picture below is an example.



**CAUTION:** Failure to use a dust collection bag will increase the presence of dust particles in the work area. Continuous and prolonged exposure to high concentrations of dust may affect the respiratory system.

# 5. OPERATION

# 5.1 SWITCHING THE WALL SANDER ON AND OFF

Ensure that the power supply voltage is identical to that shown on the sander nameplate. Also ensure that the sander switch is in the OFF position. Connect the sander to the power supply.

The wall sander is equipped with a rocker switch. The lower end of the switch button is marked OFF and the lower end is marked ON.

To start the sander: Push down the lower end of the switch (ON); to stop, push down the upper end of the switch (OFF).

# **5.2 SPEED ADJUSTMENT**

The speed of the sanding disc can be adjusted to suit different conditions and work requirements. The wall sander is equipped with a variable speed controller. Speed is set by turning the control knob. The control knob is numbered from "min" to "max", with "min" being the lowest speed. (approx. 1000 rpm) and "max" being the highest speed (approx. 1850 rpm).

Use high speed settings for chip removal. Use lower speed to reduce removal rate for precise control.



# 5.3 COAL REPLACEMENT

The sander is supplied with replacement brushes. When the brushes reach normal wear, replace them with the spare parts supplied. Use a screwdriver to unscrew the carbon brush cover. Move the tension spring to the side and remove the old brushes. Fit the new carbon brushes supplied and carefully close the carbon brush cover with the screwdriver.



# 6. USE

This tool is designed for sanding walls and ceilings made of sheet metal or plasterboard. By completing the job faster than conventional sanding methods and offering a superior finish, it is an ideal tool for new construction and renovation work.

#### Before use

After unpacking your tool, check that it is complete and undamaged. If anything is wrong, don't use it and take it back to your dealer.

#### **Accessories**

A flexible suction hose, 1m to 4m long (containing a 38mm-diameter adapter that mates with the swivel adapter located on the sander's dust ejection port), with a static charge dissipation feature to eliminate static electrical charges that may be encountered when collecting dust.

An adapter for connecting the hose to the dust bag.

## 6.1 ASSEMBLY

### a. Fitting the dust bag

Before using the tool, the dust bag must be fitted to the tool. Use only one dust bag. Other containers are not compatible with this tool.

Wear a protective mask. Noxious and toxic dusts can be produced when using the sander. This dust can cause serious damage to your health and that of others. Always wear a dust mask when using this product. Keep people and animals away from the working area when the machine is in operation.

## b. Fitting the suction hose to the sander's dust ejection port

- Open the sander coupling by turning the large nut anticlockwise.
- Push the swivel adapter at the end of the hose into the sander coupler.
- Turn the large nut clockwise to tighten the connection between the two adapters.
- To avoid tangling the suction hose and power cable, we recommend attaching them at intervals using Velcro-type straps.



### c. Mounting and changing sanding discs

- Switch off and disconnect the tool from the power supply.
- Turn the nut securing the disc holder anticlockwise and remove the nut.
- Avoid metal washers and abrasive discs.
- Put on a new sanding disc. Lock the sanding plate, then repeat the above actions in reverse order.
- Make sure that the disc and fastener are properly installed.

## **6.2 OPERATION**

### a. Starting and stopping the sander

- Make sure your power supply corresponds to that indicated on the sander's nameplate.
- The sander must be switched off (OFF) before plugging in.
- Connect the power cable to the power supply
- To start the tool, turn the switch to the ON position. To stop the sander, turn it back to OFF.

### b. Speed adjustment

This sander features a variable speed drive which allows the user to select the desired rotation speed. Speed is set by turning the speed control knob, which has 7 positions (min to max). The min level is the lowest speed (approx. 1000 rpm), while the max level is the highest (approx. 1850 rpm). Higher speeds are best used for levelling and removal. A slower speed can be used for precise fine-tuning.

## c. Sanding work

To carry out your sanding work, install the appropriate disc (round or triangle) according to the surface to be sanded (ceiling, ceiling corner, different parts of a wall).

When sanding a high wall or ceiling, use a ladder to reach the area to be sanded.

### d. Sanding tips

- Place the sander against the surface to be worked with appropriate effort.
- Apply additional pressure for more pronounced removal and reduce pressure for a smoother, more precise finish.
- Apply enough pressure to keep the sanding pad flat against the wall surface. Excessive pressure, however, can cause rub marks or even irregularities on the surface being worked.
- Keep the sander in constant motion while keeping the sanding plate in contact with the surface to be sanded.
- Use a steady, even sweeping motion with well-distributed effort. Irregular movements and even stopping on the worked surface can cause marks and irregularities.
- Avoid moving the sanding table against objects such as nails, screws or electrical boxes, as these may damage the sanding table.

## e. Emptying the dust bag

The dust bag should be emptied and cleaned regularly. When the bag is half or 2/3 full, empty it and clean the inside walls. It is important to empty and clean the dust bag regularly. Lack of maintenance will result in reduced suction quality. The dust will come out through the sanding plate instead of into the bag.

- Switch off and unplug the tool.
- The bag has a seam sealed by a plastic clip. Open the plastic clip and empty the dust into a garbage can or other container.
- If necessary, clean the bag and close it again.

# 7. CARE AND MAINTENANCE

Switch off and disconnect the tool from the power supply before servicing.

This tool requires no specific maintenance apart from blower cleaning.

Regularly check the condition of the power cable, extension leads and cable plug. If the power cable is damaged, it must be replaced by the manufacturer, its after-sales service or a similarly qualified person to avoid any danger. The unit must not be used if any of these components are faulty.

You can clean the body of the unit with a soft, damp cloth or a compressor fitted with a suflette.

All other inspections must be carried out by a qualified technician.

Contact Leroy Merlin after-sales service for any tool maintenance.

# 8. DISPOSAL

dealer for recycling advice.



## Selective collection of electrical and electronic waste.

Electrical products must not be disposed of with household waste. According to the European Directive 2012/19/EC for the disposal of electrical and electronic equipment and its implementation in national law, used electrical products must be collected separately and disposed of at designated collection points. Contact your local authority or

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# 9. DECLARATION OF CONFORMITY

### **BUILDER SAS**

ZI, 32 RUE ARISTIDE BERGES - 312070 CUGNAUX - France Declares that the machine described below:

> Product: Plaster sander Model: FPEP8502P

Serial number: 20240119617-20240119866

## Developed, designed and manufactured in compliance with the requirements of :

Machinery Directive 2006/42/EC EMC Directive 2014/30/EU ROHS Directive (EU) 2015/863 amendment 2011/65/EU

It also complies with:

EN 62841-1: 2015 EN 62841-2-4: 2014 EN IEC55014-1: 2021

EN IEC55014-2: 2021

EN IEC61000-3-2: 2019/A1:2021 EN 61000-3-3: 2013/A2:2021

Responsible for technical dossier: Olivier Patriarca

Cugnaux: 01/01/2024

Philippe MARIE / CEO

# **10. WARRANTY**

The manufacturer guarantees the product against defects in material and workmanship for a period of 5 years from the date of the original purchase. The warranty only applies if the product is for household use. The warranty does not cover breakdowns due to normal wear and tear.

The manufacturer agrees to replace parts identified as defective by the designated distributor. The manufacturer does not accept responsibility for the replacement of the machine, in whole or in part, and/or ensuing damage.

## The warranty does not cover breakdowns due to:

Insufficient maintenance.

Abnormal assembly, adjustment or operations of the product.

Parts subject to normal wear and tear.

### The warranty does not extend to:

Shipping and packaging costs.

Using the tool for a purpose other than that for which it was designed.

The use and maintenance of the machine done in a manner not described in the user manual.

Due to our policy of continuous product improvement, we reserve the right to alter or change specifications without notice. Consequently, the product may be different from the information contained therein, but a modification will be undertaken without notice if it is recognized as an improvement of the preceding characteristic.

#### READ THE MANUAL CAREFULLY BEFORE USING THE MACHINE.

When ordering spare parts, please indicate the part number or code, you can find this in the spare parts list in this manual. Keep the purchase receipt; without it, the warranty is invalid. To help you with your product, we invite you to contact us by phone or via our website:

+33 (0)9.70.75.30.30

https://services.swap-europe.com/contact

You must create a "ticket" via the web platform.

Register or create your account.

Indicate the reference of the tool.

Choose the subject of your request.

Describe your problem.

Attach these files: invoice or sales receipt, photo of the identification plate (serial number), photo of the part you need (for example: pins on the transformer plug which are broken).



# 11. PRODUCT FAILURE

## WHAT TO DO IF MY MACHINE BREAKS DOWN?

### If you bought your product in a store:

- Make sure that your machine is complete with all accessories supplied, and clean! If this is not the case, the repairer will refuse the machine.
- Go to the store with the complete machine and with the receipt or invoice.

### If you bought your product on a website:

- Make sure that your machine is complete with all accessories supplied, and clean! If this is not the case, the repairer will refuse the machine.
- Create a SWAP-Europe service ticket on the site: https://services.swap-europe.com When making the request on SWAP-Europe, you must attach the invoice and the photo of the nameplate (serial number).

Contact the repair station to make sure it is available before dropping off the machine.

Go to the repair station with the complete machine packed, accompanied by the purchase invoice and the station support sheet downloadable after the service request is completed on the SWAP-Europe site

Please keep your original packaging to allow for after-sales service returns or pack your machine with a similar cardboard box of the same dimensions.

For any question concerning our after-sales service you can make a request on our website https://services.swap-europe.com

Our hotline remains available at +33 (9) 70 75 30 30.



# 12. WARRANTY EXCLUSIONS

## THE WARRANTY DOES NOT COVER:

- Start-up and setting up of the product.
- Damage resulting from normal wear and tear of the product.
- Damage resulting from improper use of the product.
- Damage resulting from assembly or start-up not in accordance with the user manual.
- Breakdowns related to carburetion beyond 90 days and fouling of carburetors.
- Periodic and standard maintenance events.
- Actions of modification and dismantling that directly void the warranty.
- Products whose original authentication marking (brand, serial number) has been degraded, altered or withdrawn.
- Replacement of consumables.
- The use of non-original parts.
- Breakage of parts following impacts or projections.
- Accessories breakdowns.
- Defects and their consequences linked to any external cause.
- Loss of components and loss due to insufficient screwing.
- Cutting components and any damage related to the loosening of parts.
- Overload or overheating.
- Poor power supply quality: faulty voltage, voltage error, etc.
- Damages resulting from the deprivation of enjoyment of the product during the time necessary for repairs and more generally the costs related to the immobilization of the product.
- The costs of a second opinion established by a third party following an estimate by a SWAP-Europe repair station
- The use of a product which would show a defect or a breakage which was not the subject of an immediate report and/or repair with the services of SWAP-Europe.
- Deterioration linked to transport and storage\*.
- Launchers beyond 90 days.
- Oil, petrol, grease.
- Damages related to the use of non-compliant fuels or lubricants.

**Attention:** all orders must be checked in the presence of the delivery person. In case of refusal by the delivery person, it you must simply refuse the delivery and notify your refusal.

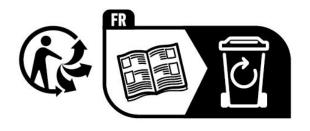
**Reminder:** the reserves do not exclude the notification by registered letter with acknowledgement within 72 hours.

#### Information:

Thermal devices must be wintered each season (service available on the SWAP-Europe site). Batteries must be charged before being stored.

<sup>\*</sup> In accordance with transport legislation, damage related to transport must be declared to carriers within 48 hours maximum after observation by registered letter with acknowledgement of receipt. This document is a supplement to your notice, a non-exhaustive list.







BUILDER SAS
32 rue Aristide Bergès - Z.I. du Casque - 31270 Cugnaux - France
Made in PRC