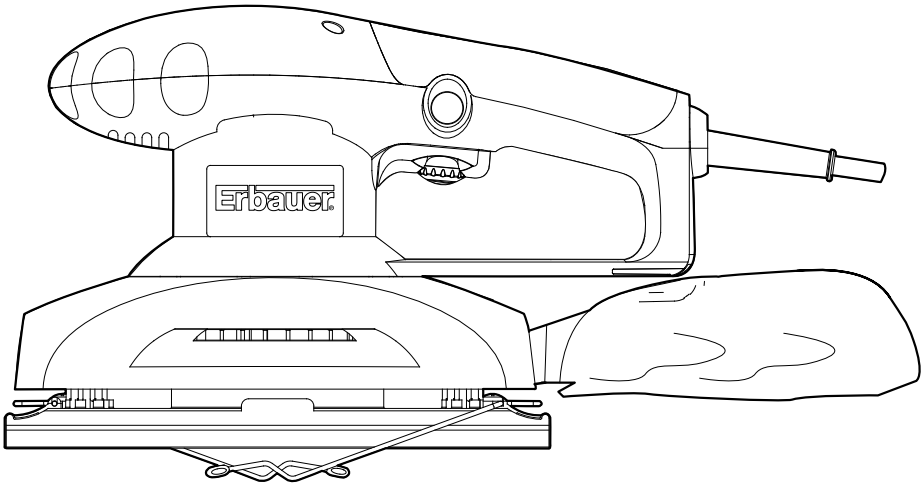
Erbauer®



ERB406

2 WARRANTY YEARS

½ SHEET SANDER





Congratulations on your purchase of a quality power tool from Screwfix Direct Ltd. This product should give you reliable service but for your peace of mind this Erbauer power tool does carries a 24-month guarantee, the terms of which are detailed below.

If this product develops a fault within the guarantee period contact Screwfix Direct Ltd on Freephone 0500 41 41 41.

Please retain this handbook in case you need to refer to safety, care or guarantee information in the future.

GUARANTEE

This Erbauer product carries a Screwfix Direct Ltd guarantee of 24 months. If your product develops a fault within this period, you should in the first instance contact Screwfix Direct Ltd on Freephone 0500 41 41 41. If the fault occurs within the first 24 months, you may return the goods for a full refund or we will repair or replace the goods if you prefer. When repair is not practical or identical goods are not available, alternative goods of similar specification and quality will usually be provided but, failing this, you will be offered a partial or full refund depending on the time period since purchase.

This guarantee specifically excludes losses caused due to:

- Fair wear and tear
- Misuse or abuse
- Lack of routine maintenance
- Failure of consumable items (such as batteries)
- Accidental damage
- Cosmetic damage
- Failure to follow manufacturer's guidelines
- Loss of use of the goods
- Repairs attempted by anyone, unless authorised by Screwfix Direct Ltd.

This guarantee does not affect your statutory rights. This guarantee is only valid in the UK.

For further technical advice, spare parts or repair service (outside of guarantee) please contact the customer helpline number on 0845 607 6380

½ SHEET SANDER

SAFETY INSTRUCTIONS

WARNING! Read all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

SAVE THESE INSTRUCTIONS

1. WORK AREA

a. Keep work area clean and well lit. Cluttered and 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. Use a Residual Circuit Breaker on all 230V Power tools. This can help minimise the risk of an electrical shock if an earth fault or short circuits occurs.

g. If using a power cable extension ensure that the cable is fully unwound and that its length is less than 30m. Lengths over 30 m will effect the tools performance as a result of voltage drop.

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 safety equipment. Always wear eye protection. Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

c. Avoid accidental starting. Ensure the switch is in the off-position before plugging in. Carrying power tools with your finger on the switch or plugging in 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, clothing and gloves 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 these devices can reduce dust-related hazards.

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 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. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools 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 and in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from intended could result in a hazardous situation.

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.

6. HEALTH ADVICE

WARNING! When drilling, sanding, sawing or grinding, dust particles will be produced. In some instances, depending on the materials you are working with, this dust can be particularly harmful to you (e.g. lead from old gloss paint). You are advised to consider the risks associated with the materials you are working with and to reduce the risk of exposure. You should:

- Work in a well-ventilated area.
- Work with approved safety equipment, such as those dust masks that are specially designed to filter microscopic particles.

ADDITIONAL SAFETY POINTS FOR YOUR 1/2 SHEET SANDER

1.If the supply cord is damaged have it replaced by a qualified person.
2.Ensure your mains supply voltage is same as indicated on the rating plate.
3.Your tool is double insulated for additional protection against a possible electrical insulation failure within the tool. ⧈
4. After long working periods external metal parts and accessories could be hot.

5.Wear eye protection when operating this tool.
6.If possible, ensure the workpiece is firmly clamped to prevent movement.
7.Your finishing sander is a hand held tool, do not clamp your finishing sander.
8.Before sanding, check the area is free of nails, screws, etc.
9.Never stop the finishing sander by applying a force to the baseplate.
10.Only use paper in good condition. Do not use torn or worn paper.
11.Do not sand material containing asbestos due to a health risk.
12.Do not sand lead based paint due to the risk of lead poisoning.
13.Do not eat or drink in the working area of the sander.
14.Do not allow people to enter the working area without wearing a dust mask.
15.Where possible, seal off the working area to contain the dust for later removal.
16.Always wear a dust mask.
17.Your tool is designed for dry sanding only, not wet sanding.
18.Your tool is designed for general purpose light polishing of wood and metals.
19.Do not sand magnesium material due to the risk of fire.
20.Always use the appropriate safety equipment that is required for the product. e.g. Goggles / Safety Spectacles, Ear defenders (essential with tools with a noise rating of over 85 dbA), Gloves and face masks. In all cases ensure that the safety equipment is in good condition.

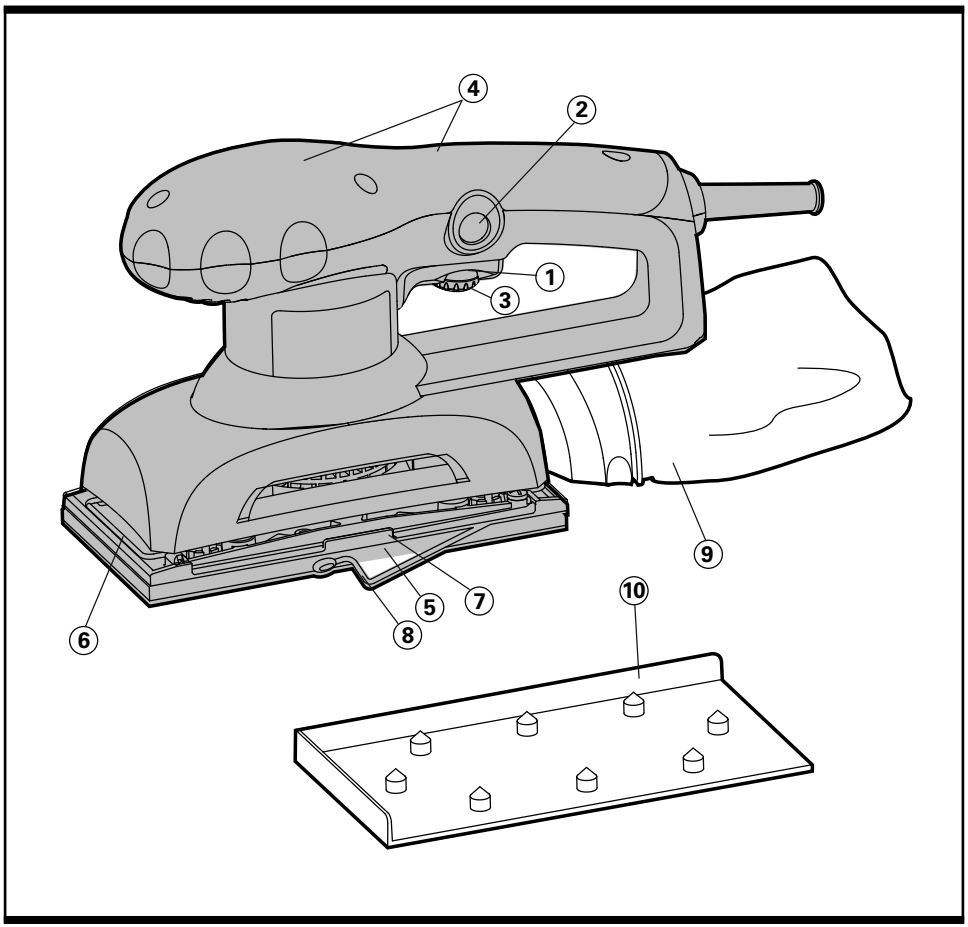
SYMBOLS


Read the manual


Wear gloves


Warning


Wear dust mask,eye & ear protection



1.	ON-OFF SWITCH
2.	SWITCH LOCK-ON BUTTON
3.	VARIABLE SPEED CONTROL DIAL
4.	HAND GRIP AREA
5.	BASEPLATE
6.	SANDING PAPER CLAMP
7.	CLAMP LEVER LOCK
8.	CLAMP LEVER
9.	DUST BAG
10.	PAPER PUNCH

½ SHEET SANDER

TECHNICAL DATA

Volts:	230V~ 50Hz
Power input:	360W
No load speed:	6000-11000min^{-1}
Baseplate	Aluminium
Baseplate size:	113 x 225mm
Double insulation:	⧈
Machine weight:	2.8Kg

NOISE AND VIBRATION DATA

A weighted sound pressure	82dB (A)
A weighted sound power	93dB (A)
Wear ear protection when sound pressure is over	85dB (A) 
Typical weighted vibration	4.16m/s^2

ACCESSORIES

Use 1/2 sheet sanding paper of the following size: 113 x 280mm

Dust bag	**1pc**
Paper punch	**1pc**
Sanding sheets	**3pcs (60grit, 80grit, 100grit)**

OPERATING INSTRUCTIONS

1. ON/OFF SWITCH
Depress to start and release to stop your tool.

2. SWITCH LOCK-ON BUTTON
Depress on/off switch (1) then lock on button (2) (See Fig 1), release on/off switch first and lock on button second. Your switch is now locked on for continuous use. To switch off your tool just depress and release the on/off switch.

3. VARIBLE SPEED CONTROL DIAL
Adjust the dial to increase or decrease the speed according to the material and sanding sheet specification to be used (also possible during no load operation) (See Fig 1). Avoid prolonged use at very low speed as this may damage your sander's motor.

4. HAND GRIP AREA
You can operate your sander with two hands (See Fig 2).

5. CHANGING STANDARD SANDING PAPER
To remove the sanding paper, lift up the clamp lever (8) and move away from the clamp lever lock (9) (See Fig 3.1). The sanding paper clamp (6) is now loose. Repeat with the other clamp on the opposite side of your sander. To fit new sanding paper, insert approximately 5mm of one end of the sanding paper under the sanding paper clamp (6) until the paper contacts the housing wall (See Fig 3.2). Lift up the clamp lever (7) and move it to the lever lock position. Press the sanding paper around the baseplate shape as tight as possible and fix the end under the other sanding paper clamp (6). Check the sanding paper is square to the baseplate and remove and refit it if not correct. Always, ensure the sanding paper is tight over the baseplate and secured underneath both locked clamps (6). This will ensure safe and efficient sanding performance.

6. PAPER PUNCH
If using sanding paper without dust holes, use the paper punch to perforate the holes to ensure correct dust extraction. Position the punch (10) over the baseplate (5) with the punch sides on the edges of the baseplate (See Fig 4). Press the punch

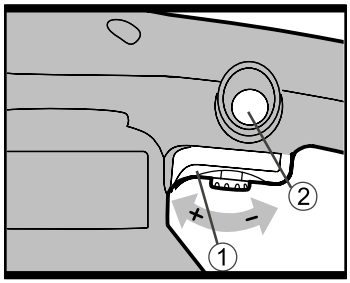


Fig 1

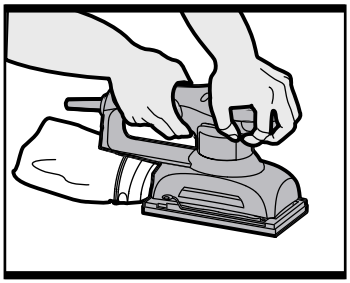


Fig 2

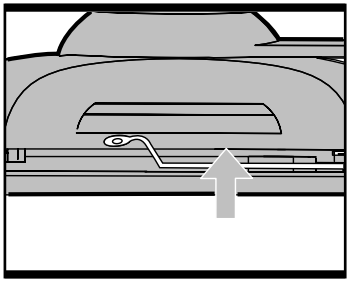


Fig 3.1

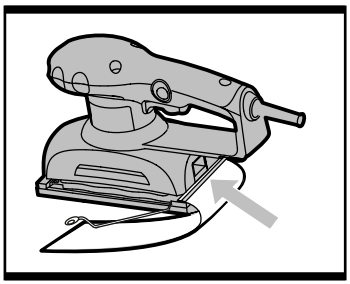


Fig 3.2

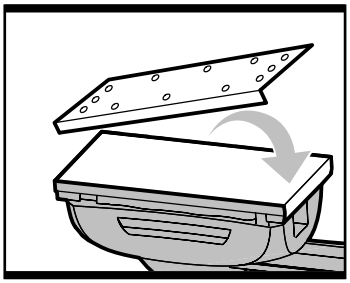


Fig 4

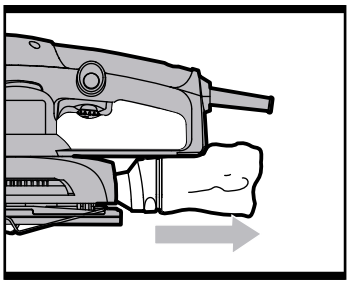


Fig 5.1

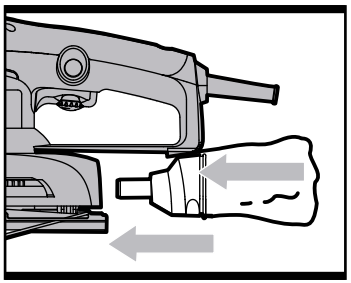


Fig 5.2

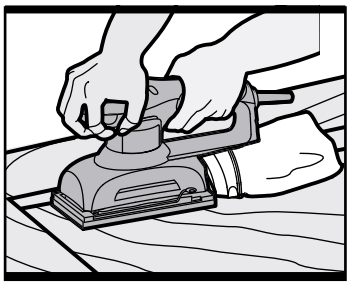


Fig 6

into the baseplate to punch holes into the sanding paper. Then remove the punch and check all the holes have been formed correctly.

7. DUST BAG

Always operate your sander with the dust bag fitted. To remove the bag (See Fig 5.1). Open the zip and empty the dust from the bag. For the best performance always check and empty the dust bag frequently. To refit the bag, firmly push the mounting bracket into the location on the sander housing (See Fig 5.2).

8. FLUSH SANDING FACILITY

Your sander can sand flush on three sides of the baseplate which allows easy access to corners and edges of mouldings (See Fig 6).

9. SANDING

For a finer finish, always use a fine grain sanding paper and only move the sander in the direction of the gran and never across the grain. Do not allow your sander to remain in the same position otherwise you will remove material and create and uneven surface.

WORKING HINTS FOR YOUR FINISHING SANDER

If your power tool becomes too hot, especially when used at low speed, set the speed to maximum and run no load for 2-3 minutes to cool the motor. Avoid prolonged usage at very low speed. Always use a sanding paper suited to the material you wish to sand.

Always ensure the work-piece is firmly held or clamped to prevent movement.

Any movement of the material may affect the quality of the sanding finish.

Start your sander before sanding and turn off only after stopping sanding. For best results sand wood in the direction of the grit.

Do not start sanding without sandpaper fitted. Do not allow the sandpaper to wear away, it will damage the baseplate. If the hook and loop system is damaged your sander will not function correctly.

Use coarse grit paper to sand rough surfaces, medium grit for smooth surfaces and fine grit for the final surfaces. If necessary, first make a test on

scrap material. Use only good quality sandpaper. The sanding efficiency is controlled by the sand paper not the amount of force you apply to the tool. Excessive force will reduce the sanding efficiency and cause motor overload. Replacing the sanding paper regularly will maintain optimum sanding efficiency.

MAINTENANCE

Your power tool requires no additional lubrication or maintenance.There are no user serviceable parts in your power tool. Never use water or chemical cleaners to clean your power tool. Wipe clean with a dry cloth. Always store your power tool in a dry place. Keep the motor ventilation slots clean. Keep all working controls free of dust. If you see some sparks flashing in the ventilation slots, this is normal and will not damage your power tool.

ENVIRONMENT PROTECTION

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.

PLUG REPLACEMENT

The fuse in the main plug of your power tool should always be replaced with one of identical rating.

Check the voltage given on your power tool matches the supply voltage.

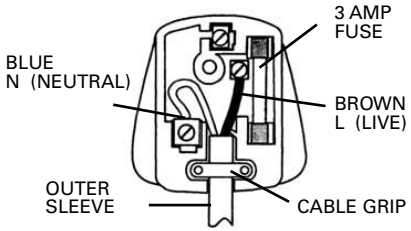
The power tool is supplied with a fitted plug, however if you should need to fit a new plug follows the instruction below.

IMPORTANT
The wire in the mains lead are coloured in accordance with the following code:

Blue ---Neutral
Brown ---Live

The wire that is coloured blue must be connected to the terminal that is marked with the letter N.
The wire that is coloured brown must be connected to the terminal that is marked with the letter L.

A 13AMP (BS1363 or BS1363/A) plug must be used and a 3 AMP fuse must be fitted.



Declaration of Conformity

We, Importer

Screwfix Direct Ltd
Mead Avenue
Houndstone Business Park
Yeovil
BA 22 8RT

Declare that the product

Electric Sander
ERB406

Complies with the essential health and safety requirements of the following directive:

89/336 EEC, 93/68 EEC –EMC Directive
73/23 EEC, 93/68 EEC –Low Voltage Directive
98/37 EC –Machinery Directive

Standards and technical specifications referred to:

EN 60745-1:2003/+A1:2003
EN 60745-2-4:2003
EN 55014-1:2000/+A1:2001
EN 55014-2:1997/+A1:2001
EN 61000-3-2:2000
EN 61000-3-3:1995/+A1:2001

Authorised Signatory
Date: 03/15/05
Signature:

Name: Peter Harries
Screwfix Direct Ltd
Quality Manager

CE

2005

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