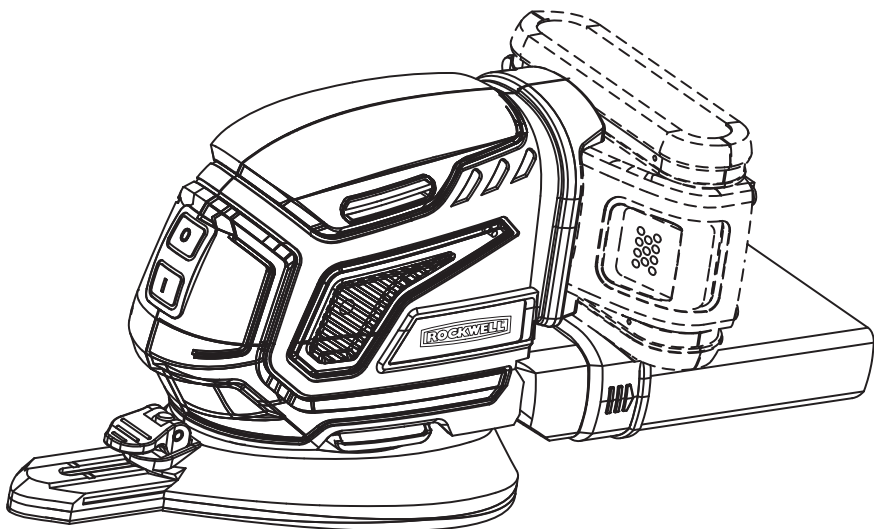


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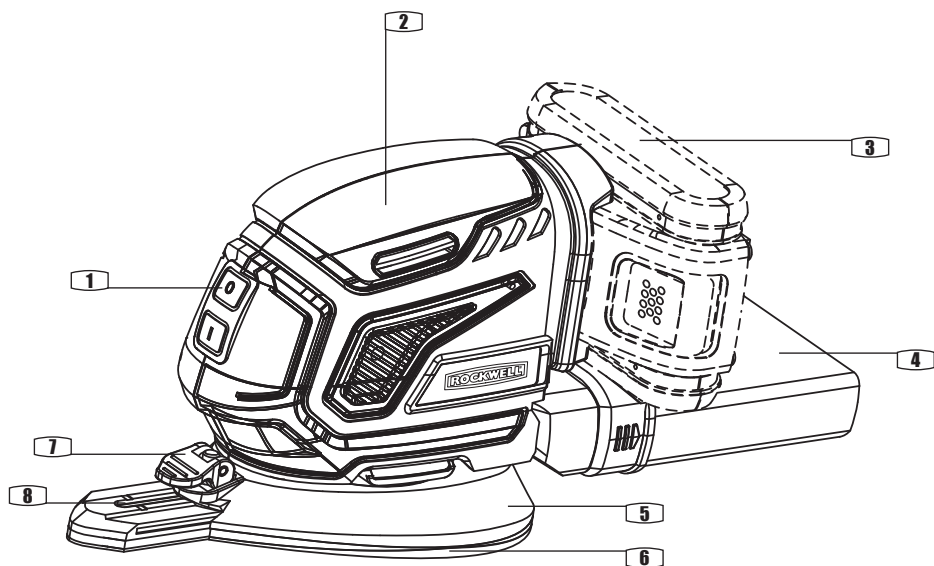


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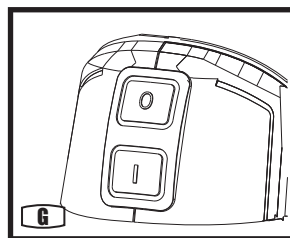
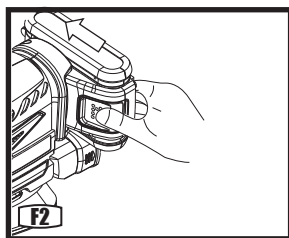
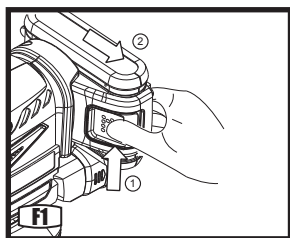
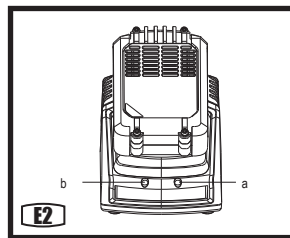
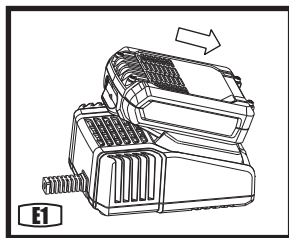
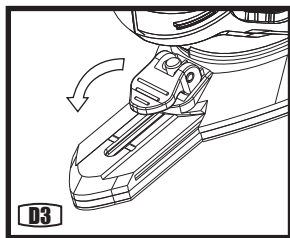
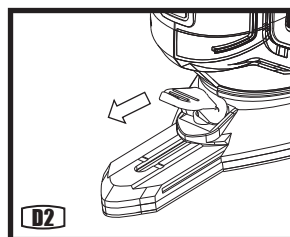
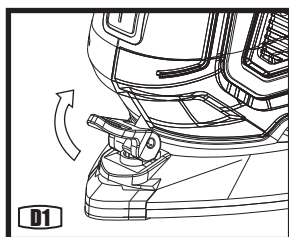
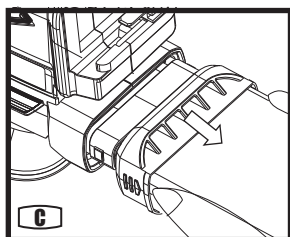
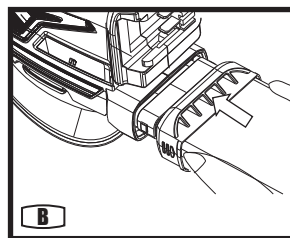
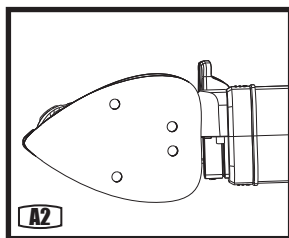
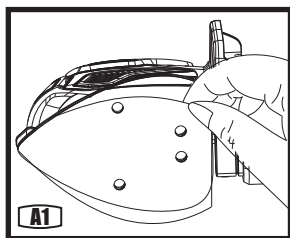
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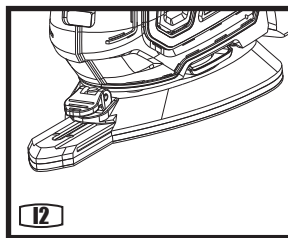
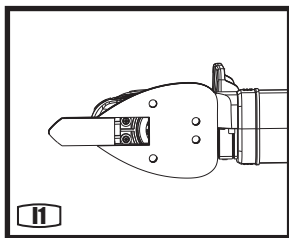
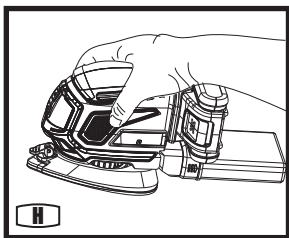
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COMPONENT LIST

- | | |
|---|------------------|
| 1 | On-off switch |
| 2 | Soft grip handle |
| 3 | Battery pack* |
| 4 | Dust bag |
| 5 | Sanding plate |
| 6 | Sanding paper |
| 7 | Lock button |
| 8 | SDS Finger pad |

* Not all the accessories illustrated or described are included in standard delivery.

ACCESSORIES

Dust bag

Finger sanding paper (60/80/120 grit)

Sanding paper (60/80/120 grit)

We recommend that you purchase your accessories from the same store that sold you the tool. Refer to the accessory packaging for further details. Store personnel can assist you and offer advice.

PRODUCT SAFETY

General Power Tool Safety Warnings

1
3
3

⚠ 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

- Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- 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.
- 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 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) Battery tool use and care

a) Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

b) Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.

c) When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.

Shorting the battery terminals together may cause burns or a fire.

d) Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

e) Do not use a battery pack or tool that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.

f) Do not expose a battery pack or tool to fire or excessive temperature. Exposure to fire or temperature above 130 °C may cause explosion.

g) Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions. Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

6) 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.

b) Never service damaged battery packs. Service of battery packs should only be performed by the manufacturer or authorized service providers.

pack.

b) Do not short-circuit a battery pack. Do not store battery packs haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by conductive materials. When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.

c) Do not expose battery pack to heat or fire. Avoid storage in direct sunlight.

d) Do not subject battery pack to mechanical shock.

e) In the event of battery leaking, do not allow the liquid to come into contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.

f) Seek medical advice immediately if a cell or battery pack has been swallowed.

g) Keep battery pack clean and dry.

h) Wipe the battery pack terminals with a clean dry cloth if they become dirty.

i) Battery pack needs to be charged before use. Always refer to this instruction and use the correct charging procedure.

j) Do not maintain battery pack on charge when not in use.

k) After extended periods of storage, it may be necessary to charge and discharge the battery pack several times to obtain maximum performance.

l) Battery pack gives its best performance when it is operated at normal room temperature (20 °C ± 5 °C).

m) When disposing of battery packs, keep battery packs of different electrochemical systems separate from each other.

n) Recharge only with the charger specified by POSITEC. Do not use any charger other than that specifically provided for use with the equipment. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

o) Do not use any battery pack which is not designed for use with the equipment.

p) Keep battery pack out of the reach of children.

q) Retain the original product literature for future

Safety Warnings for battery pack

a) Do not dismantle, open or shred cells or battery

reference.

- r) Remove the battery from the equipment when not in use.
- s) Dispose of properly.

GENERAL SAFETY WARNINGS FOR BATTERY CHARGER

! **WARNING** Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

12. Ensure that the connection between the battery charger and battery is correctly positioned and is not obstructed by foreign bodies.
13. Keep battery charger's slots are free of foreign objects and protect against dirt and humidity. Store in a dry and frost-free place.
14. When charging batteries, ensure that the battery charger is in a well-ventilated area and away from inflammable materials. Batteries can get hot during charging. Do not overcharge any batteries. Ensure that batteries and chargers are not left unsupervised during charging.
15. Do not recharge non-rechargeable batteries, as they can overheat and break.
16. Longer life and better performance can be obtained if the battery pack is charged when the air temperature is between 18°C and 24°C. Do not charge the battery pack in air temperatures below 4.5°C, or above 40.5°C. This is important as it can prevent serious damage to the battery pack.
17. Charge only battery pack of the same model provided by POSITEC and of models recommended by POSITEC

ADDITIONAL SAFETY INSTRUCTIONS FOR YOUR BATTERY CHARGER

1. Before charging, read the instructions.
2. For charge Li-ion battery pack only.
3. Do not charge a leaking battery.
4. Do not use chargers for works other than those for which they are designed.
5. Before charging, ensure your charger is matching the local AC supply.
6. The charging device must be protected from moisture.
7. Do not use the charging device in the open.
8. Do not short out the contacts of battery or charger.
9. Respect the polarity "+/-" when charging.
10. Do not open the unit and keep out of the reach of children.
11. Do not charge the batteries of other manufactures or ill-suited models.

SYMBOLS



To reduce the risk of injury, user must read instruction manual



Warning



Wear ear protection



Wear eye protection



Wear dust mask



Li-Ion



Li-Ion

Li-Ion battery. This product has been marked with a symbol relating to 'separate collection' for all battery packs and battery pack. It will then be recycled or dismantled in order to reduce the impact on the environment. Battery packs can be hazardous for the environment and for human health since they contain hazardous substances.



Do not burn



Batteries may enter water cycle if disposed improperly, which can be hazardous for ecosystem. Do not dispose of waste batteries as unsorted municipal waste.



For indoor use only (for charger)



Read the operator's manual.



Fuse



Positive terminal



Negative terminal





Double insulation (for charger)



RCM marking

ABN: Australian Business Number. By this number, business information such as entity type, status, business location etc. can be found at website <http://abr.business.gov.au>.
 ABN of Positec Australia Pty Limited is 14 101 682 357

TECHNICAL DATA

Voltage		18V  Max**
No load speed		13000/min
Base size		140*140*80mm
Orbital diameter		1.5mm
Tool weight		1.23 kg
Charger Protection class		 /II
Charger input	RW9897	100-240V~ 50/60Hz, 70W
**		
Charger output	RW9897	20V 2500mA
**		
Battery capacity	RW9894	2.0Ah
	RW9906	4.0Ah

*The accessories of battery charger and battery pack illustrated or described are not included in delivery.

OPERATION INSTRUCTIONS



NOTE: Before using the tool, read the instruction book carefully.

Intended Use

The machine is intended for dry sanding of wood, plastic, filler and coated surfaces.

ASSEMBLY

1. FITTING THE SANDING PAPER (SEE FIG. A1, A2)

Fit the sanding paper (6) over the pad so that it covers the entire area. Make sure the sanding paper (6) is even with the edges of the sanding plate (5), that the dust collection holes in the pad and sanding paper is (6) aligned, and the sanding paper (6) evenly overlaps the sanding plate (5).



WARNING: Never use your sander without sand paper (6) applied to the sanding plate (5)

2. ATTACHING THE DUST BAG (SEE FIG. B)

Your sander is equipped with a dust bag (4). To attach, insert the dust bag (4) into the outlet port fully until the dust bag (4) is securely in place.



WARNING: TO PREVENT THE POSSIBILITY OF SANDING DUST OR FOREIGN BODY BEING THROWN INTO YOUR FACE OR EYES, NEVER ATTEMPT TO USE YOUR SANDER WITHOUT THE DUST BAG PROPERLY INSTALLED.

3. REMOVE AND EMPTYING THE DUST BAG (SEE FIG. C)

Pull out the dust bag from the outlet port of the sander. For more efficient operation, empty the dust bag (4) after every 5-10 minutes of operation. This will permit the air to flow through the dust bag better. Shake out the dust. It is recommended to clean the filter regularly for better performance.

4. SDS FINGER PAD (SEE FIG. D1, D2, D3)

- 1) To access the finger pad (8), raise the lock button (7) upwards towards the top of the sander.
- 2) Pull the SDS finger pad (8) out.
- 2) To re-secure the finger pad (8) in position, push the lock button (7) down.

5. SELECT THE RIGHT SAND PAPER

Selecting the correct grit of sandpaper is an extremely important decision that will allow you to achieve the best quality sanding finish.

Coarse grit will remove the most material and finer grit will give you the best finish in all sanding operations.

The condition of the surface to be sanded will determine which grit will do the job. If the surface is rough, start with coarse grit and sand until the surface is uniform. Then use a medium grit to remove any scratches left by the coarse grit. Complete using a finer grit for finishing the surface.

NOTE: ALWAYS CONTINUE SANDING WITH EACH GRIT UNTIL THE SURFACE IS UNIFORM.

BEFORE PUTTING INTO OPERATION

1. CHARGING THE BATTERY PACK

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NOTE:

- Do not use any charger other than that specifically provided for use with the equipment.
- If the battery pack is very hot you must remove your battery pack from the charger and allow time for the battery to cool down before recharging.
- The battery in your new tool is not charged when it leaves the plant. Therefore it must be full charged before using the first time.
- Please charge the battery to reach full or no less than half charge before storage. If the tool will not be used for long periods of time, charge the battery every 3-6 months.

2. CHARGING PROCEDURE (SEE FIG. E1,E2)

Connect the battery charger to the power supply, the light (b) will be green. Slide the battery pack into the charger

to make the connections. The light (b) will be off and the light (a) will illuminate red to show charging has started.

A discharged battery at normal ambient temperature will take approximately 1 hour to reach full charge. When charging is completed, the light (a) will go out and the light (b) will illuminate green. The battery pack can then be removed for use in your tool.

⚠ WARNING: WHEN BATTERY CHARGE RUNS OUT AFTER CONTINUOUS USE OR EXPOSURE TO DIRECT SUNLIGHT OR HEAT, ALLOW TIME FOR THE BATTERY TO COOL DOWN BEFORE RE-CHARGING TO ACHIEVE THE FULL CHARGE.

3. CHARGING INDICATOR

This charger is designed to detect some problems that can arise with battery packs. Indicator lights indicate problems (see table below). If this occurs, insert a new

battery pack to determine if the charger is OK. If the new battery charges correctly, then the original pack is defective and should be returned to a service center or recycling service center. If the new battery pack displays the same problem as the original Battery Pack, have the charger tested at an authorized service center.

4. TO REMOVE OR INSTALL BATTERY PACK (SEE FIG. F1, F2)

Depress the battery pack release button firmly first and then slide the battery pack (3) out from your tool. After recharge, slide the battery pack into tool's battery port. A simple push and slight pressure will be sufficient.

OPERATION

1. ON/OFF SWITCH (SEE FIG. G)

To start the sander, press the on/off switch (1) at the position marked "I".

To stop the sander, depress the on/off switch (1) at the position marked "O".

2. FLUSH SANDING FACILITY (SEE FIG. H)

Your sander can sand flush on three sides of the sanding plate which allows easy access to corners and edges.

3. ORBITAL SANDING

Your sander operates in small circular rotations which allows efficient material removal.

Operate the sander in long sweeping movements across your workpiece and even across the grain. For a finer finish, always use a fine grain sandpaper and only move the sander in the direction of the grain and never across the grain.

Do not allow the sander to remain in the same position otherwise you will remove material and create an uneven surface.

4. SDS FINGER PAD (SEE FIG. I1, I2)

This sander has a finger pad (8), which is suitable for fine sanding in corners, edges, or hard-to reach areas.

MAINTENANCE

Remove the battery pack from the tool before carrying out any adjustment, servicing or 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. Occasionally you may see sparks through the ventilation slots. This is normal and will not damage your power tool.

For Battery tools

The ambient temperature range for tool and battery use and storage is 0°C-45°C.

The recommended ambient temperature range for the charging system during charging is 0°C-40°C.

WORK HINTS FOR YOUR SANDER

If your sander becomes too hot, run it at no load for 2-3 minutes to cool the motor.

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 base-plate. The product warranty does not cover base-plate wear and tear.

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 sandpaper 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.



POSITEC AUSTRALIA PTY LTD
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