

# INSTRUCTIONS MANUAL

## Drywall Sander

R7249A



ORIGINAL INSTRUCTIONS





**WARNING** - To reduce the risk of injury, user must read instruction manual. Use these operating instructions to familiarize yourself with the product, the proper use and the safety instructions. Keep these operating instructions in a safe place for future uses.



For safety reasons, children and young people under the age of 16, as well as people not familiar with these operating instructions, may not use this product. Persons with reduced physical or mental abilities may use the product only if they are supervised or instructed by a responsible person.

The following symbols are used in this manual:



**Type and source of the danger:** Failure to observe this danger notice may cause physical injury or death.



**Type and source of the danger:** This danger notice warns of damage to the appliance, the environment or other property.



**Note:** This symbol signifies information that may help you reach a better understanding of the processes involved.



Wear eye protection



Wear ear protection



Wear a breathing Mask



Wear hands protection



Protection Class II

# INTENDED USE

This machine is intended for grinding, sanding, polishing with the rough walls and floor etc. Do not use machine attachments for works other than those for which they are designed for! All other applications are expressly ruled out.

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## 1.SAFETY INSTRUCTIONS



**WARNING Read all safety warnings and 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.**

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 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 edge 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, 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 and/or the battery pack 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. 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.

#### 5. SERVICE

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

##### **Safety Warnings Common for Sanding Operations:**

- a) **This power tool is intended to function as a sander. 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, re and/or serious injury.

- b) **Operations such as grinding, wire brushing, polishing or cutting-off are not recommended to be performed with this power tool.** Operations for which the power tool was not designed may create a hazard and cause personal injury.

- c) **Do not use accessories which are not specifically designed and recommended by the tool manufacturer.** Just because the accessory can be attached to your power tool, it does not assure safe operation.

- d) **The rated speed of the accessory must be at least equal to the maximum speed marked on the power tool.** Accessories running faster than their rated speed can break and fly apart.

- e) **The outside diameter and the thickness of your accessory must be within the capacity rating of your power tool.** Incorrectly sized accessories cannot be adequately guarded or controlled.

- f) **Threaded mounting of accessories must match the grinder spindle thread. For**

**accessories mounted by angles, the arbour hole of the accessory must fit the locating diameter of the ange.** Accessories that do not match the mounting hardware of the power tool will run out of balance, vibrate excessively and may cause loss of control.

**g) Do not use a damaged accessory. Before each use inspect the accessory such as abrasive wheels for chips and cracks, backing pad for cracks, tear or excess wear, wire brush for loose or cracked wires. If power tool or accessory is dropped, inspect for damage or install an undamaged accessory. After inspecting and installing an accessory, position yourself and bystanders away from the plane of the rotating accessory and run the power tool at maximum no-load speed for one minute.** Damaged accessories will normally break apart during this test time.

**h) Wear personal protective equipment. Depending on application, use face shield, safety goggles or safety glasses. As appropriate, wear dust mask, hearing protectors, gloves and workshop apron capable of stopping small abrasive or workpiece fragments.** The eye protection must be capable of stopping flying debris generated by various operations. The dust mask or respirator must be capable of filtering particles generated by your operation. Prolonged exposure to high intensity noise may cause hearing loss.

**i) Keep bystanders a safe distance away from work area. Anyone entering the work area must wear personal protective equipment.** Fragments of workpiece or of a broken accessory may fly away and cause injury beyond immediate area of operation.

**k) Position the cord clear of the spinning accessory.** If you lose control, the cord may be cut or snagged and your hand or arm may be pulled into the spinning accessory.

**l) Never lay the power tool down until the accessory has come to a complete stop.** The spinning accessory may grab the surface and pull the power tool out of your control.

**m) Do not run the power tool while carrying it at your side.** Accidental contact with the spinning accessory could snag your clothing, pulling the accessory into your body.

n) Regularly clean the power tool's air vents. The motor's fan will draw the dust inside the housing and excessive accumulation of powdered metal may cause electrical hazards.

o) Do not operate the power tool near ammable materials. Sparks could ignite these materials.

p) Do not use accessories that require liquid coolants. Using water or other liquid coolants may result in electrocution or shock.

## **Kickback and Related Warnings**

Kickback is a sudden reaction to a pinched or snagged rotating wheel, backing pad, brush or any other accessory. Pinching or snagging causes rapid stalling of the rotating accessory which in turn causes the uncontrolled power tool to be forced in the direction opposite of the accessory's

rotation at the point of the binding.

For example, if an abrasive wheel is snagged or pinched by the workpiece, the edge of the wheel that is entering into the pinch point can dig into the surface of the material causing the wheel to climb out or kick out. The wheel may either jump toward or away from the operator, depending on direction of the wheel's movement at the point of pinching. Abrasive wheels may also break under these conditions.

Kickback is the result of power tool misuse and/or incorrect operating procedures or conditions and can be avoided by taking proper precautions as given below

**a) Maintain a firm grip on the power tool and position your body and arm to allow you**

**to resist kickback forces. Always use auxiliary handle, if provided, for maximum control over kickback or torque reaction during start-up.** The operator can control torque reactions or kickback forces, if proper precautions are taken.

**b) Never place your hand near the rotating accessory.** Accessory may kickback over your hand.

**c) Do not position your body in the area where power tool will move if kickback occurs.** Kickback will propel the tool in direction opposite to the wheel's movement at the point of snagging.

**d) Use special care when working corners, sharp edges etc. Avoid bouncing and snagging the accessory.** Corners, sharp edges or bouncing have a tendency to snag the rotating accessory and cause loss of control or kickback.

**e) Do not attach a saw chain woodcarving blade or toothed saw blade.** Such blades create frequent kickback and loss of control.

#### **Safety Warnings Specific for Sanding Operations:**

a) Do not use excessively oversized sanding disc paper. Follow manufacturers recommendations, when selecting sanding paper. Larger sanding paper extending beyond the sanding pad presents a laceration hazard and may cause snagging, tearing of the disc or kickback.

**b) Hold power tool by insulated gripping surfaces, because the tool may contact its own cord.** Cutting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.

#### **Precautions on using drywall sander**

**Attention!** You must abide by the following basic safety measures against electrical shocks, injuries and the danger of re when using electric tools. Read and abide by these instructions before you start to use any tools. These instructions must be kept in a safe place.

- The equipment must never be used in surroundings where an explosive atmosphere exists.
- Do not let the cable touch any parts of your body.
- Only use the extension cable approved for use in the working area.
- Do not force the machine for unsuitable work, for example, rough grinding, brushing, etc. Otherwise, dangers and harms will be caused.
- Only use identical replacement parts when servicing. Otherwise, risk-free operation can't be guaranteed
- The accessories' allowed speed must be at least the same as the maximum speed of the machine. Or else, they may be broken or cracked when their running speed is go over the machine's allowed speed.
- Do not use damaged accessories. Before use, always check whether the accessories are nicked or cracked. For example, to grinding pad, please check the support plate is not cracked. Ensure

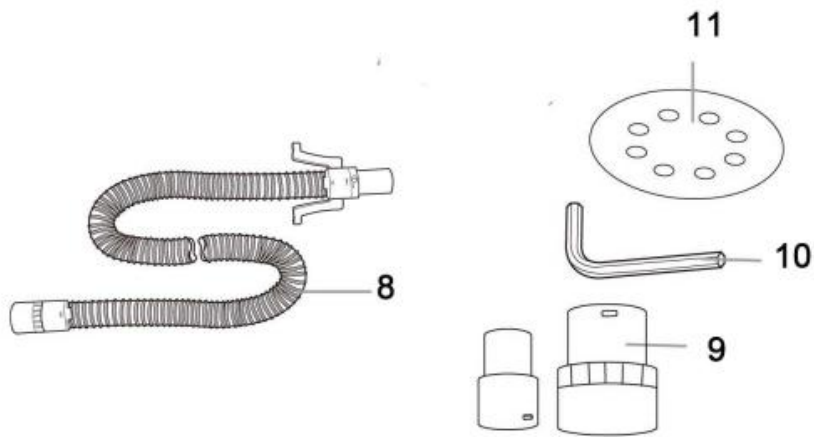
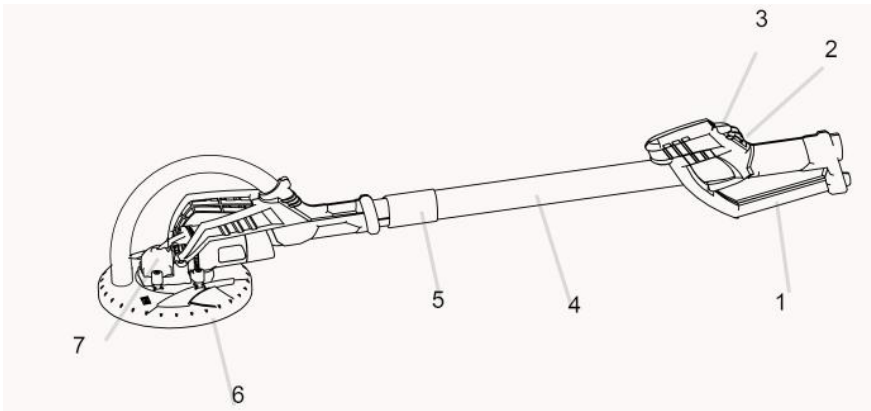
everybody to be out of the machine's rotation area and run the machine at max. speed for one minute, which can fully test the accessories.

- Do not put down the machine when it isn't stopped completely. Otherwise, you will lose control of the machine.
  - Cleaning the exhaust port on your machine in regular.
  - When working, control the machine firmly with both hands to ensure safe operation.
  - When sanding, do not use too big sandpaper. When choosing grinding disc, please observe the manufacturer's specifications. The sand paper beyond the grinding block leads to risk of cutting and injury and cause stuck as well
- 
- The machine can be connected to one extension tubes at most.
  - We recommend that you always wear industrial safety gloves and safety goggles when working with the drywall sander.
  - Wearing close-fitting clothes is mandatory.
  - Always allow for reaction torque
  - Wear protection mask to protect you from hazardous dusts and choose suitable vacuum cleaner.

## 2. DESCRIPTION

- 1.Handle
- 2.Switch
- 3.Speed adjuster
- 4.Aluminium pipe
- 5.Lock wrench
- 6.Sanding pad
- 7.Gear housing
- 8.Vacuum hose
- 9.Vacuum adaptor
- 10.Hex key
- 11.Sanding paper





## I. Technological data

Model No.	R7249A
<b>Rated Power</b>	600W
<b>Rated Voltage</b>	230-240V-50Hz
Rated speed	600-1600 /min
Grinding pad diameter	215mm
Sandpaper diameter	225mm
Short-length	1.35m
Long Length	1.9m
Short-weight	3.5 kg
<b>Protection class</b>	Class II
<b>Noise emission value</b>	LpA:90dB(A);LWa:101dB(A);KpA=3dB; KwA:3dB
<b>Vibration emission value</b>	ah,DS = 3,86 m/s <sup>2</sup> K=1.5 m/s <sup>2</sup>

**NOTE:**

- The declared vibration total value has been measured in accordance with a standard test method and may be used for comparing one tool with another;
- The declared vibration total value may also be used in a preliminary assessment of exposure.

**WARNING:**

- The vibration emission during actual use of the power tool can differ from the declared total value depending on the ways in which the tool is used;
- Identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the tool is switched on and when it is running idle in addition to the trigger time). Depending on the actual use of the product the vibration values can differ from the declared total! Adopt proper measures to protect yourself against vibration exposures! Take the whole work process including times the product is running under no load or switched off into consideration! Proper measures include among others regular maintenance and care of the product and application tools, keeping hands warm, periodical breaks and proper planning of work processes!

## 4. BEFORE USE



**DANGER! Risk of injury due to electric shock.**  
Warning! Do not plug in before installation is fully completed!

### ASSEMBLY AND ADJUSTMENT



**NOTE:** Prior to assembly and adjustment always unplug the tool.

- Pull the extension shaft according to the intended operation for higher work surface.
- Align the rear handle with the main handle and insert the sleeve into the outlet with a twist motion all the way to the stop.
- Align the hole pattern of the sanding paper with the one in the base plate before attaching the sanding paper to the plate to ensure efficient dust extraction and a satisfactory result.
- Slightly press the sanding paper to fix it to the base plate.
- Loosen the sleeve on the dust extraction outlet. Do not completely remove the sleeve from the outlet.
- Insert the vacuum hose connector into the dust extraction outlet all the way to stop.
- Secure the connection by tightening the sleeve on the outlet afterward.
- Attach a dust extraction device e. g. a suitable vacuum cleaner to the vacuum adaptor.
- Loosen the sleeve on the dust extraction outlet, hold the handles and pull the connector out of the outlet to remove the vacuum hose from the product.

# 5. OPERATION



**DANGER! Risk of injury due to electric shock.**  
Warning! Do not plug in before installation is fully completed!

- Ensure the work surface is free of obstacles like nails or screws before operation. Remove them if required.
- Hold the product with one hand on the main handle and with the other hand on gripping surface.
- Hold the product with one hand on the main handle and with the other hand on the rear handle when the extension shaft is assembled.
- Switch the product on by push forward On/off switch and wait until it runs at full speed before placing it on the work surface.
- Rotate speed dial forward direction to speed up, or rotate it back to slow down.
- Hex key is used to disassemble the hex screw on sanding pad.
- Keep the base plate as parallel to the work surface as possible and place the brush-type skirt first onto it.
- Apply some pressure on the machine head, so that the sanding paper can contact the work surface.
- Move the product back and forth with slow even speed.
- Only apply as much pressure as necessary to keep the product at on the work surface. Higher pressure will not increase but lower the performance of the product and leads to uneven results.
- Keep the product moving at all times, do not stop in one position to avoid groove
- Lift the product from the work surface before switching it off.

## 1. How to Operate

-- Tighten the nut [1-3] by turning it to the right;



---Adjust the ring [1-4] on the protection stand to the best place for most effective extraction power;

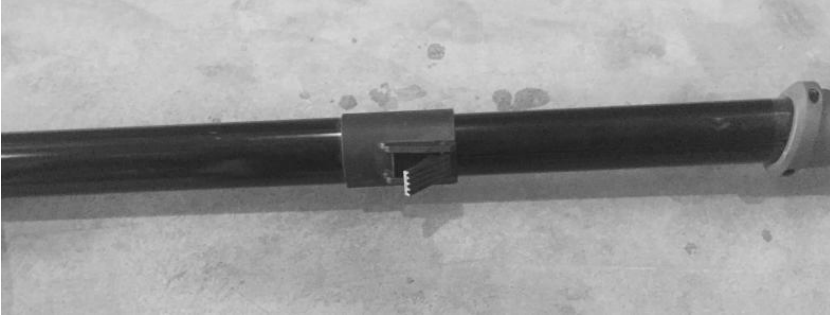


Strip the machine by the opposite actions.

**Attention:** There is lock  and unlock  mark on the handle to guide the user how to loose and tighten the screw nut;

## 2. How to Operate in a Wide Area

--Pull handle, realizing the machine's adjustable length from 1.3m to 1.9m;



## 3. Electronic Control

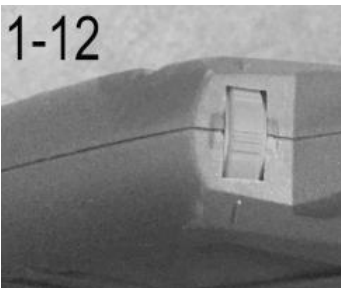
This machine has the characteristics as below:

--On/Off Switch with soft start [1-11], ensuring machine starts smoothly without wobbling.



--Adjustable Speed [1-12]

Adjust the speed from 600-1600rpm by turning the speed wheel [1-12]. In this way, user can choose different speed for different sanding surface.



## 4. Replace Sanding Pad 【1-13】

**DANGER! Risk of injury due to electric shock.**

## Warning! Do not plug in before installation is fully completed

- Insert the hex wrench (size 5) into the hexagonal screw bolt on the sanding pad
- Hold the sanding pad firmly, and then turn the wrench to dismount the pad.
- Install new sanding pad by tightening the bolt



**Attention: Only install the specified sanding pad on the machine.**

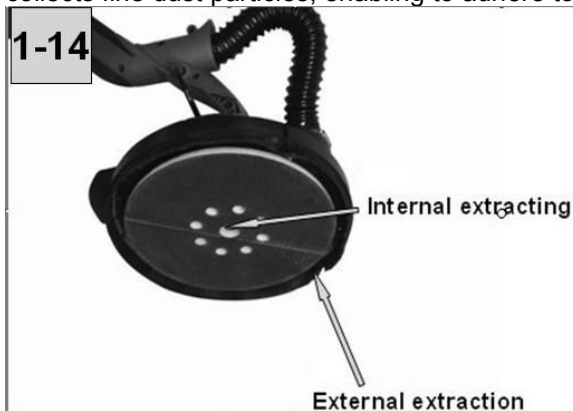
In order to ensure optimal performance, machine should be run at slightly lower speed for several minutes to make the grinding pad fit the sealing surface perfectly. During this process, the white foam particles will come out from the grinding head. However, this won't damage the machine.

### 5. Stick the Sanding Paper to the Pad

Please ensure the holes on the sanding paper to fit the holes on the pad accurately.

### 6. Two Options For Extracting Dust

There are internal extraction and external extraction for dust particles. The 8-hole internal extraction system collects fine dust particles, enabling to adhere to wall and ceiling, obtaining perfect effect of extracting dust.



## 6.MAINTENANCE



**DANGER! Risk of injury due to electric shock.**  
Warning! Do not plug in before installation is fully completed!

- Keep the product clean. Remove debris from it after each use and before storage.
- Regular and proper cleaning will help ensure safe use and prolong the life of the product.
- Inspect the product before each use for worn and damaged parts. Do not operate it if you find broken and worn parts.
- Clean the product with a dry cloth. Use a brush for areas that are hard to reach.
- In particular clean the air vents after every use with a cloth and brush.
- Remove stubborn dirt with high pressure air (max. 3 bar).
- Check for worn or damaged parts. Replace worn parts as necessary or contact an authorized service center for repair before using the product again.
- Before and after each use, check the product and accessories (or attachments) for wear and damage. If required, exchange them for new ones as described in this instruction manual. Observe the technical requirements.
- This product does not contain any parts that can be repaired by the consumer. Contact an authorized service center or a similarly qualified person to have it checked and repaired.
- If the supply cable is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- If the carbon brushes need to be replaced, have this done by a qualified repair person (always replace the two brushes at the same time).

## 7.TROUBLESHOOTING



**DANGER! Risk of injury due to electric shock.**  
Warning! Do not plug in before installation is fully completed!

Problems	Probable causes	Corrective actions
Product does not start	Not connected to power supply	Connect to power supply
	Connect to power supply	Check by a specialist electrician
	Other electrical defect to the product	Check by a specialist electrician
Product does not reach full power	Extension cord not suitable for operation with this product	Use a proper extension cord
	Power source (e.g.generator) has too low voltage	Connect to another power source
	Air vents are blocked	Clean the air vents
Unsatisfactory result	Sanding paper is worn	Replace with new one
	Sanding paper not suitable for work surface material	Use proper sanding paper
Strong dust formation	Brush-type skirt worn out	Have the brush-type skirt replaced
	Dust extraction system not connected/switch on	Connect to/switch on dust extraction system

## 8.DISPOSAL AND RECYCLING



**CAUTION!** This product has been marked with a symbol relating to removing electric and electronic waste. This means that this product shall not be discarded with household waste but that it shall be returned to a collection system which conforms to the European WEEE Directive. Contact your local authorities or stocks for advice on recycling. It will then be recycled or dismantled in order to reduce the impact on the environment. Electric and electronic equipment can be hazardous for the environment and for human health since they contain hazardous substances.

### **5.Your claim upon the warranty can only be processed if:**

- Proof of the purchase date can be provided in the form of a receipt
  - No repairs and/or replacements have been carried out by third parties
  - The appliance has not been subjected to improper use (overloading of the machine or fitting non-approved accessories).
  - There is no damage caused by external influences or foreign bodies such as sand or stones.
  - There is no damage caused by non-observance of the safety instructions and the instructions for use.
6. The warranty stipulations apply in combination with our terms of sale and delivery.
7. Faulty tools to be returned to via your dealer will be collected by as long as the product is properly packaged. If faulty goods are sent directly to by the consumer, we will only be able to process these goods if the consumer pays the shipping costs.
8. Products which are delivered in a poorly packaged condition will not be accepted.