

PLASTER SANDER INSTRUCTION MANUAL

MODEL: FPG-INDUCTION-1





BUILDER SAS

ZI – 32, rue Aristide Bergès, 31270 Cugnaux, France

Made in P.R.C. 2021



WARNING! Please read all safety instructions and advises to lower the risk of injuries.

1, GENERAL POWER TOOL SAFETY WARNINGS



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.

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

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) 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 safety 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 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 dust collection 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, 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.

Safety instructions for all operations

Safety Warnings Common for Grinding, Sanding, Wire Brushing, Polishing or Abrasive Cutting-Off 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, fire 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 flanges, the arbour hole of the accessory must fit the locating diameter of the flange. 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 filtrating 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.
- j) Hold the power tool by insulated gripping surfaces only, when performing an operation where the cutting accessory may contact hidden wiring or its own cord.

Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.

- 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.
- I) 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 flammable 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.

Further safety instructions for all operations

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.

Additional safety instructions for sanding operations 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.

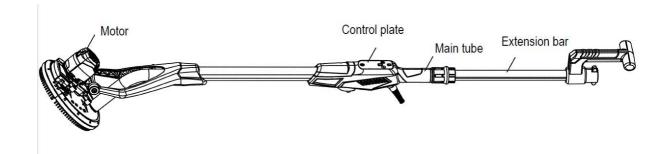
SAFETY RULES FOR DRYWALL SANDER

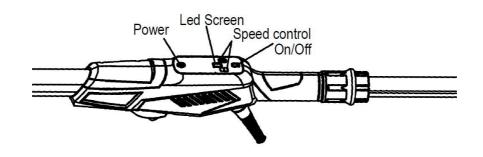
- 1. USE A RESPIRATOR approved by NIOSH for "Dust and Mist". Ventilate work area and/or use a dust collector. Continued and prolonged exposure to high concentrations of airborne dust may affect the respiratory system function.
- 2. MANINTAIN FIRM FOOTING AND BALANCE. Use appropriate scaffolding. Do not overreach.
- 3. SANDING OF LEAD-BASED PANINT IS NOT RECOMMENDED. Lead-based paint should only be removed by a professional.
- 4. SANDING DRYWALL COULD LEAD TO A BUILD-UP OF STATIC ELECTRICITY IN THE TOOL. For your safety, the drywall sander is grounded.

Warning symbol

(3)	WARNING-To reduce the risk of injury, user must read instruction manual.
	Always wear ear protection
	Always wear goggles
3	Always wear a breathing mask
CE	In accordance with essential applicable safety standards of European directives

2, DESCRIPTION





3, TECHNICAL SPECIFICATIONS

Voltage supply: 230-240V~

Power: 400W

Frequency 50Hz

Speed: 900-2100/min

Spindle thread hole: M6

Disc Diameter: Ø225mm

N.W: 4.07 kg

Sound pressure level Lpa = 89.5 dB(A); KpA = 3 dB(A)

Sound power level Lwa = 100.5 dB(A); KwA = 3 dB(A)

Vibration

Main handle: 4,684m/s² K=1.5 m/s²
 Auxiliary handle: 3,358 m/s² K=1.5 m/s²

Information

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:

That 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; and

of the need to 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 off and when it is running idle in addition to the trigger time).

Wear hearing protection.

4, OPERATING INSTRUCTIONS

FOREWORD

The Drywall Sander is designed for sanding walls and ceilings that are made of drywall or plaster. The Sander provides a superior finish, and is faster than conventional finishing methods for both new construction and renovation work. Clean-up time is minimized by the use of an external Vacuum Cleaner attached to the Sander.

ABRASIVE DISC SELECTION

The Drywall Sander is shipped with a set of 80/100/120/150/180/240grit, abrasive disc installed. This abrasive is suitable for most applications. Abrasive discs of 120 grit and 240 grit are available for situations requiring a smoother finish.





HOW TO HOLD A DRYWALL SANDER

The Drywall Sander should be held with both hands on the main tube. The hands may be positioned anywhere along the main tube to provide the best combination of reach and leverage for the particular application.

CAUNTION: Keep hands on Main Tube. Do not place hand into area around the sanding head. The sanding heads swivels in multiple directions and could pinch hand.

CONNECT DRYWALL SANDER TO VACUUM CLEANER

The following items are furnished with the Drywall Sander.

- One vacuum hose: 4m long (includes a standard 38mm vacuum cleaner connector on end and a special swivel connector on the Sander end)., with a static dissipating feature to dissipate static electrical charges that are sometimes experienced when recovering drywall dust.
- One 38mm to 47mm adapter (adapts the 38mm hose connector to fit a 47mm vacuum cleaner).



INSTALL AS FOLLOWS:

1. Install a special drywall dust bag into your vacuum cleaner, following the instructions supplied with the vacuum cleaner.

CAUTION: Failure to use a vacuum cleaner rated for drywall dust will increase the level of airborne dust particles in the work area. Continued and prolonged exposure to high concentrations of airborne dust may affect the respiratory system function.

- 2. Install the adapter in the appliance port (it is located under the control box). Then install the pipe. Then check that it is securely locked to the adapter.
- 3. Connect the other part of the hose to the vacuum cleaner. Use the adapter provided if necessary. Then check that the hose is securely locked to the vacuum cleaner. If your vacuum requires a special connector (sometimes other than the standard 38-47mm connectors supplied with the drywall sander), contact your supplier to receive a correct adapter.
- 4. Install the six Velcro fasteners to prevent the power cable and vacuum hose from tangling. Install the wire and the vacuum hose parallel to each other. Space the clips approximately 60 cm apart starting at 60 cm from the sanding head. Wrap the suction hose with the long end of each clip and close. Then wrap the cable with the small end of each tie and close.

INSTALL THE EXTENSION TUBE

First, place the nut on the end of the device, without locking it. Fully install the extension tube into the sander. Lock the tube by screwing the nut.

TO START AND STOP DRYWALL SANDER

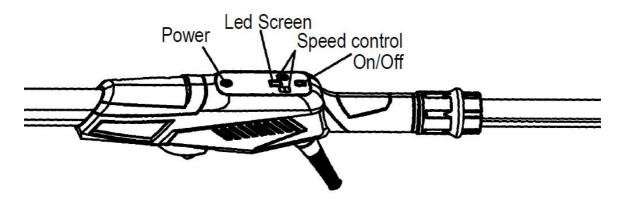
Make sure power circuit voltage is the same as shown on the specification plate on the Sander, and that the sander switch is OFF. Connect Sander to power circuit.

The Drywall Sander is equipped with finger touch switch. Please see as below picture shown:

To connect with electric power by press power key, then press ON/OFF key to turn on the machine. And press again ON/OFF key to turn off machine. And Power cut by pressing POWER key.

SPEED CONTROL

The Drywall Sander is equipped with a variable speed control. The speed is adjusted by "+","-" from numbered "1" through "7" with "1" being the slowest speed (approximately 900 RPM) and "7" being the fastest speed (approximately 2100 RPM). Use the higher speed settings for fast stock removal. Use the lower speed selling to reduce removal rate for more precise control



BRUSH-TYPE SKIRT

A brush-type skirt surrounds the abrasive pad. This skirt serves two purposes: (1) the skirt extends below the surface of the abrasive pad so that it contacts the work surface first. This position the sanding head parallel to the work surface before the abrasive contacts the work, preventing the abrasive from "gouging" the work. (2) The skirt also helps contain the drywall dust until the vacuum cleaner pulls it away.

CAUTION: DISCONNECT SANDER FROM POWER CIRCUIT.

To replace skirt: (1) Remove abrasive pad (see ABRASIVE PAD REPLACEMENT). (2) Use Phillips screwdriver to remove the six retaining screws (3) Lift the skirt out of housing. (4) Position new skirt to housing and install the six retaining screws. (5) Replace the abrasive pad.

SANDING DRYWALL

The Drywall Sander has a unique articulating sanding head: the head can swivel in multiple directions, allowing the abrasive pad to conform to the work surface. This enables the operator to sand the top, middle and bottom of a wall or ceiling joint without changing: his position.

1). Turn vacuum cleaner switch ON.

CAUTION: Wear a respirator approved for "Dust and Mist".

- 2). Turn Drywall Sander switch 0N.
- 3). Position Drywall Sander lightly against work surface (apply just enough pressure to align the sanding head with the work surface).
- 4). Apply additional pressure to engage the abrasive pad to the work surface: while moving the Sander in an overlapping pattern to smooth the drywall compound down to a "featheredge'.

Apply ONLY enough pressure to keep the abrasive pad flat against the work. Excessive pressure can cause unacceptable swirl marks and unevenness in the work surface.

Keep the Sander in constant motion while abrasive pad is in contact with the work surface. Use a steady, sweeping motion. Stopping the Sander (on the work), or moving the Sander erratically can cause unacceptable swirl marks and unevenness in the work surface.

NOTE: Do not allow rotating abrasive pad to contact sharp protrusions. Contact with protruding objects (nails, screws, electrical boxes, etc,), can severely damage the abrasive pad.



ABRASIVE PAD REPLACEMENT

CAUTION: DISCONNECT SANDER FROM POWER SOURCE.

- 1). Grasp the abrasive pad and the sander housing (clamping the pad to the housing), to prevent pad rotation.
- 2). Rotate the pad retaining nut, counterclockwise and remove.
- 3). Lift off the large metal washer, and the abrasive pad

NOTE: When the abrasive pad, is lifted off the Sander: the abrasive back-up disc is exposed. Please note that this back-up disc is also covered with an abrasive material. This abrasive material is ONLY used to prevent "slippage" between the back-up disc and the

foam backed abrasive pad, it is NOT suitable for use as a sanding abrasive. DO NOT USE THE SANDER WITHOUT A PROPER ABRASIVE PAD INSTALLED (to prevent severe damage to the work).

- 4). Position new abrasive pad to the back-up disc, making sure that the center hole in the abrasive disc is centered on the hub of the back-up disc.
- 5). Position the large metal washer the retaining nut to the Sander.
- 6). Rotate the retaining nut clockwise to hand tighten (while holding the abrasive pad).

5, Maintenance

Kept clean tools, clean up debris and dust.

Often change grease (gearbox, the bearing) holding tool flexible operation.

Always check the power cord, plugs, switches, etc., the tool in good condition.

This tool passed rigorous quality inspection, if the machine is still a failure occurs, please send it to an authorized customer service (SWAP) for repair.

If the replacement of the supply cord is necessary, this has to be done by the manufacturer or his agent in order to avoid a safety hazard.

Store the tool and accessories in a dry place, out of reach of children.

6, ENVIRONMENT



Electrical products should not be discarded with household products. According to the European Directive 2012/19/EU on waste electrical and electronic equipment and its implementation into national law, electrical products used must be collected separately and disposed of at collection

points provided for this purpose. Talk with your local authorities or dealer for advice on recycling.

7, CE DECLARATION OF CONFORMITY



BUILDER SAS

ZI, 32 rue Aristide Bergès – 31270 Cugnaux - France

Tel: +33 (0)5.34.502.502 Fax: +33 (0)5.34.502.503

States that the designated below machine:

Product: Plaster sander Model: FPG-INDUCTION-1

Serial number: 20210863391-20210863640

is in conformity with the essential requirements and other relevant provisions of the applicable European Directives, based on the application of European harmonized standards. Any unauthorized modification of the apparatus voids this declaration.

European Directives (including, if applicable, their amendments up to the date of signature:

Machinery Directive 2006/42/EC

EMC Directive 2014/30/EU

ROHS Directive (EU) 2015/863 amending 2011/65/EU

European harmonized standards (including, if applicable, their amendments up to the date of signature):

EN60745-1:2009+A11:2010

EN 60745-2-3:2011+A2:2013+A11:2014+A12:2014+A13:2015

EN55014-1:2017

EN55014-2:2015

EN61000-3-2:2014

EN61000-3-3:2013

Cugnaux: 05/08/2021

Philippe MARIE/PDG

8. WARRANTY



WARRANTY

The manufacturer guarantees the product against defects in material and workmanship for a period of 2 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).



9. PRODUCT FAILURE

WHAT TO DO IF MY MACHINE BREAKS DOWN?

If you bought your product in a store:

- a) Empty the fuel tank.
- b) 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:

- a) Empty the fuel tank.
- b) 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.
- c) 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).
- d) 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

For machines with engine failure from manufacturers BRIGGS & STRATTON, HONDA and RATO, please refer to the following instructions.

Repairs will be done by approved engine manufacturers of these manufacturers, see their site:

- http://www.briggsandstratton.com/eu/fr
- http://www.honda-engines-eu.com/fr/service-network-page;jsessionid=5EE8456CF39CD572AA2AEEDFD 290CDAE
- https://www.rato-europe.com/it/service-network

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.



10. 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.
- * 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.

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.