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# CONCRETE-PAINT MIXER POWDP7080

## 1 APPLICATION

This tool is suitable for mixing a variety of materials in liquid form. Any use other than that for which the tool is intended or any modification of the tool can lead to a serious risk of accident. The manufacturer cannot assume liability for damages arising out of improper use of the tool.

- Light liquids and mixtures, such as paint, varnish or plaster.
  - Heavier liquids and mixtures, such as adhesives, wallpaper paste, fillers or mortar.
- It is not designed for commercial use.



**WARNING! Read this manual and general safety instructions carefully before using the appliance, for your own safety. Your power tool should only be passed on together with these instructions.**

## 2 DESCRIPTION (FIG A°-FIG 2)

1. ON/OFF switch
2. Safety lock
3. Speed dial
4. Air Vents
5. Handle
6. Motor shaft
7. Charger (not included)
8. Battery (not included)
9. Spanner
10. Paddle

## 3 PACKAGE CONTENT LIST

- Remove all packing materials
- Remove remaining packaging and transit supports (if existing)
- Check the completeness of the packing content
- Check the appliance, the power cord, the power plug and all accessories for transportation damages.
- Keep the packaging materials as far as possible till the end of the warranty period. Dispose it into your local waste disposal system afterwards.










**WARNING Packing materials are no toys! Children must not play with plastic bags! Danger of suffocation!**

- 1 x Mixer
- 1 x mixer paddle
- 2 x spanner
- 1 x Manual

## 4 SYMBOLS

In this manual and/or on the machine the following symbols are used:

|                                                                                   |                                                                                       |                                                                                   |                                                                                 |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
|  | Read manual before usage                                                              |  | Denotes risk of personal injury or damage to the tool.                          |
|  | Class II - The machine is double insulated; Earthing wire is therefore not necessary. |  | In accordance with essential applicable safety standards of European directives |
|  | Wear noise protection                                                                 |  | Wear a mask In dusty conditions                                                 |
|  | Wear eye protection                                                                   |                                                                                   |                                                                                 |

## 5 GENERAL POWER TOOL SAFETY WARNINGS

Read all safety warnings and instructions. Failure to heed warnings and follow instructions may result in electric shock, fire and/or serious injury. Keep safety warnings and instructions for future reference. The term "power tool" in the safety warnings refers to your mains- operated (corded) power tool or battery- operated (cordless) power tool.

### 5.1 Working area

- Keep working area clean and well lit. Untidy and dark areas can lead to accidents.
- Do not operate power tools in potentially explosive surroundings, for example, in the presence of inflammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders at a distance when operating a power tool. Distractions can cause you to lose control of it.

### 5.2 Electrical safety

- Always check that the power supply corresponds to the voltage on the rating plate.
- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use adapter plugs with earthed power tools. Unmodified plugs and matching outlets will reduce the risk of an electric shock.
- Avoid body contact with earthed surfaces such as pipes, radiators, kitchen ranges and refrigerators. There is an increased risk of an electric shock if your body is earthed.
- Do not expose power tools to rain or wet conditions. If water gets inside a power tool, it will increase the risk of an electric shock.
- Do not damage the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep the cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of an electric shock.
- When operating a power tool outdoors, use an extension cable suitable for outdoor use. Using a cord suitable for outdoor use reduces the risk of an electric shock.
- If operating a power tool in a damp location is unavoidable, use a power supply protected by a residual current device (RCD). Using an RCD reduces the risk of an electric shock.

### 5.3 Personal safety

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool when you are tired or under the influence of drugs, alcohol or medication. A moment of inattention when operating a power tool may result in serious personal injury.

- Use safety equipment. Always wear eye protection. Using safety equipment such as a dust mask, non-skid safety shoes, a hard hat, or hearing protection whenever it is needed will reduce the risk of personal injury.
- Avoid accidental starts. Ensure the switch is in the off position before inserting the plug. Carrying power tools with your finger on the switch or plugging in power tools when the switch is in the on position makes accidents more likely.
- Remove any adjusting keys or spanners before turning on the power tool. A spanner or key left attached to a rotating part of the power tool may result in personal injury.
- Do not reach out too far. Keep your feet firmly on the ground at all times. This will enable you retain control over the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from the power tool. Loose clothes, jewellery or long hair can become entangled in the moving parts.
- If there are devices for connecting dust extraction and collection facilities, please ensure that they are attached and used correctly. Using such devices can reduce dust-related hazards.
- 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.
- Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- 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.
- 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.

#### **5.4 Service**

- Your power tool should be serviced by a qualified specialist using only standard spare parts. This will ensure that it meets the required safety standards.

## **6 SPECIFIC SAFETY INSTRUCTIONS**

- Firmly tighten the mixing paddle, and remove the spanner before starting the machine.
- Do not use the device in a potentially explosive environment.
- Do not use the device to stir solvent or other materials at a temperature above 21 °C
- Wrap the cable and avoid physical contact with the cable.
- Only use extension cords, which are suitable for exterior
- Before switching on and off, make sure that the paddle is located in the shaft.
- Never mix or stir explosive or inflammable substances.
- When mixing, wear proper personal protection measures for eyes, ears, hands and breathing.
- This appliance is not suitable for mixing edible things. The appliance cannot be adequately cleaned in order to comply with hygiene regulations.

## **7 ADDITIONAL SAFETY INSTRUCTIONS FOR BATTERIES AND CHARGERS**



**Use only batteries and chargers applicable for this machine.**

### **7.1 Batteries**

- Never attempt to open for any reason.
- Do not store in locations where the temperature may exceed 40 °C.
- Charge only at ambient temperatures between 4 °C and 40 °C.

- When disposing of batteries, follow the instructions given in the section "Protecting the environment".
- Do not cause short circuits. If connection is made between the positive (+) and negative (-) terminal directly or via accidental contact with metallic objects, the battery is short circuited and an intense current will flow causing heat generation which may lead to casing rupture or fire.
- Do not heat. If batteries are heated to above 100 °C, sealing and insulating separators and other polymer components may be damaged resulting in electrolyte leakage and/or internal short circuiting leading to heat generation causing rupture or fire. Moreover do not dispose of the batteries in fire, explosion and/or intense burning may result.
- Under extreme conditions, battery leakage may occur. When you notice liquid on the battery, proceed as follows:
  - Carefully wipe the liquid off using a cloth. Avoid skin contact.
  - In case of skin or eye contact, follow the instructions below:
    - ✓ Immediately rinse with water. Neutralize with a mild acid such as lemon juice or vinegar.
    - ✓ In case of eye contact, rinse abundantly with clean water for at least 10 minutes. Consult a physician.



**Fire hazard! Avoid short-circuiting the contacts of a detached battery. Do not incinerate the battery.**

## 7.2 **Chargers**

- Never attempt to charge non-rechargeable batteries.
- Have defective cords replaced immediately.
- Do not expose to water.
- Do not open the charger.
- Do not probe the charger.
- The charger is intended for indoor use only.

## 8 **OPERATION**

### 8.1 **Charging the battery pack**

The battery pack for this tool is supplied in a low charge condition to prevent possible problems, therefore, you have to charge the battery before first use.



**Note: Batteries will not reach full charge the first time they are charged. Allow several cycles for the item to fully charge. The battery should only be charged indoors.**

After normal use, about 1 hour of charging time is required for the battery to be fully charged. The battery pack will become slightly warm while charging, this is normal and does not indicate a problem.

Do not place the charger in an area of extreme heat or cold. Best is at normal room temperature. When the battery becomes fully charged, unplug your charger from the power supply and remove the battery pack from the charger.

Note:

- Allow the battery pack to cool completely before charging
- Inspect the battery pack before charging, do not charge a cracked or leaking battery pack.

### 8.1.1 Charging indication

Connect the charger to the power outlet socket

- Solid green: ready to charge
- Flickering red: charging
- Solid green: charged
- Solid green and red: battery or charger damaged



**Note:** If the battery does not fit properly, disconnect it and confirm that the battery pack is the correct model for this charger as shown on the specification chart. Do not charge any other battery pack or any battery pack that does not securely fit the charger.

- Frequently monitor the charger and battery pack while connected
- Unplug the charger and disconnect it from the battery pack when finished.
- Allow the battery pack to cool completely before using it.
- Store the charger and battery pack indoors, out of reach of children.



**NOTE:** If battery is hot after continuous use in the tool, allow it to cool down to room temperature before charging. This will extend the life of your batteries.



**NOTE:** Remove battery pack from charger stand which use your thumb or fingers, press the battery's release button in and pull the battery pack off at the same time.

### 8.2 *Battery capacity indicator*

There are battery capacity indicators on the battery pack, you can check the capacity status of the battery if you squeeze the button. Before using the machine, please press switch trigger to check if the battery is full enough for properly working.

Those 3 LED might show the status of the capacity level of the battery:

3 LED's are light: Battery fully charged

2 LED's are light: Battery 60% charged

1 LED is light: Battery almost discharged

### 8.3 *Inserting and removing the battery*



**WARNING:** Before making any adjustments ensure the drill is switched off with the direction of rotation selector in the centre position

- Hold the tool with one hand and the battery pack (8) with the other.
- To install: push and slide battery pack into battery port, make sure the release latch on the rear side of the battery snaps into place and battery is secure before beginning operation.
- To remove: Press the battery release latch and pull the battery pack out at the same time.

### 8.4 *Preparation (Fig 2)*

First take the paddle (10) and screw the hexagon top it into the motor shaft (6). If the paddle (10) fits well, tighten it and the motor shaft (6) as well. Make sure to use the right spanner (9) for the right part, otherwise you can cause damage. Use one of the spanners to hold the motor shaft in place and then use the second spanner to tighten up the paddle (10) Proceed in the reverse sequence to undo the paddle (10) from the tool holding fixture (6).



Always use a mixer bar that is suitable for the material to be mixed/stirred. Using an unsuitable mixer bar can unnecessarily overload both the machine and yourself.



- To remove the mixer bar, unscrew it from the mixer spindle in an anticlockwise direction. The mixer bar can become rather tight in the holder. In that case, use a spanner to keep the holder from turning.

### 8.5 Switching on and off

To switch the tool on, press the switch (1), hold it down and push button (2). To switch the tool off, release the switch (1) and button (2)

### 8.6 Continuous operation

Continuous operation can only be executed by continuous pressing the on/off switch (1)

### 8.7 Speed preselection

The speed can be preselected steplessly with the speed controller (3).

The necessary speed depends on the type of material you wish to mix; we recommend practical testing to determine the right speed.

Level 1 min. power=SLOW

Level 6 max. power=FAST

## 9 MAINTENANCE AND CLEANING

### 9.1 Cleaning

- Keep the ventilation slots of the machine clean to prevent overheating of the engine.
- Regularly clean the machine housing with a soft cloth, preferably after each use.
- Keep the ventilation slots free from dust and dirt.
- If the dirt does not come off use a soft cloth moistened with soapy water.



Never use solvents such as petrol, alcohol, ammonia water, etc. These solvents may damage the plastic parts.

## 10 TECHNICAL DATA

|                 | <b>POWDP7080</b> |
|-----------------|------------------|
| Voltage         | 20 V             |
| Power:          | 1600W            |
| No-load speed:  | 0-650 min-1      |
| Mixer diameter: | 100 mm           |

## 11 NOISE

Noise emission values measured according to relevant standard. (K=3)

|                             |          |
|-----------------------------|----------|
| Acoustic pressure level LpA | 78 dB(A) |
| Acoustic power level LwA    | 89 dB(A) |



**ATTENTION! Wear hearing protection when sound pressure is over 85 dB(A).**

|                |                       |                          |
|----------------|-----------------------|--------------------------|
| aw (Vibration) | 4,57 m/s <sup>2</sup> | K = 1,5 m/s <sup>2</sup> |
|----------------|-----------------------|--------------------------|

## 12 SERVICE DEPARTMENT

- Damaged switches must be replaced by our after-sales service department.
- If the connecting cable (or mains plug) is damaged, it must be replaced by a particular connecting cable which is available from our service department. Replacement of the connecting cable must only be carried out by our service department (see last page) or by a qualified person (qualified electrician).

## 13 STORAGE

- Thoroughly clean the whole machine and its accessories.
- Store it out of the reach of children, in a stable and secure position, in a cool and dry place, avoid too high and too low temperatures.
- Protect it from exposure to direct sunlight. Keep it in the dark, if possible.
- Don't keep it in plastic bags to avoid humidity build-up.

## 14 WARRANTY

- This product is warranted for a 36-month period effective from the date of purchase by the first user.
- This warranty covers all material or production flaws excluding : batteries, chargers, defective parts subject to normal wear & tear such as bearings, brushes, cables, and plugs, or accessories such as drills, drill bits, saw blades, etc. ; damage or defects resulting from maltreatment, accidents or alterations; nor the cost of transportation.
- Damage and/or defects resulting from inappropriate use also do not fall under the warranty provisions.
- We also disclaim all liability for any bodily injury resulting from inappropriate use of the tool.
- Repairs may only be carried out by an authorized customer service centre for Powerplus tools.
- You can always obtain more information at the number 00 32 3 292 92 90.
- Any transportation costs shall always be borne by the customer, unless agreed otherwise in writing.
- At the same time, no claim can be made on the warranty if the damage of the device is the result of negligent maintenance or overload.
- Definitely excluded from the warranty is damage resulting from fluid permeation, excessive dust penetration, intentional damage (on purpose or by gross carelessness), inappropriate usage (use for purposes for which the device is not suitable), incompetent usage (e.g. not following the instructions given in the manual), inexpert assembly, lightning strike, erroneous net voltage. This list is not exhaustive.
- Acceptance of claims under warranty can never lead to the prolongation of the warranty period nor commencement of a new warranty period in case of a device replacement.
- Devices or parts which are replaced under the warranty therefore remain the property of Varo NV.

- We reserve the right to reject a claim whenever the purchase cannot be verified or when it is clear that the product has not been properly maintained. (Clean ventilation slots, carbon brushes serviced regularly, etc.).
- Your purchase receipt must be kept as proof of date of purchase.
- Your appliance must be returned undismantled to your dealer in an acceptably clean state, (in its original blow-moulded case if applicable to the unit), accompanied by proof of purchase..

## **15 ENVIRONMENT**



Should your appliance need replacement after extended use, do not discard it with the household rubbish but dispose of it in an environmentally safe way.

Waste produced by electrical machine items should not be handled like normal household rubbish. Please recycle where recycle facilities exist. Check with your Local Authority or retailer for recycling advice.

**16 DECLARATION OF CONFORMITY**



**VARO N.V.** - Joseph Van Instraat 9 - BE2500 Lier - BELGIUM, declares that,  
product : Mixer  
trade mark : POWERplus  
model : POWDP7080

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);  
2011/65/EU  
2006/42/EC  
2014/30/EU

European harmonized standards (including, if applicable, their amendments up to the date of signature);  
EN62841-1 : 2015  
EN62841-2-10 : 2017  
EN55014-1 : 2017  
EN55014-2 : 2015

Keeper of the Technical Documentation : Philippe Vankerkhove, VARO – Vic. Van Rompuy N.V.

The undersigned acts on behalf of the company CEO,

Hugo Cuypers  
Regulatory Affairs – Compliance Manager  
Lier, 31/10/2018