

Before using the innovative ROTO RASP please do the following:

- Read the instructions for working with your power angle grinder and ROTO RASP. Failure to follow the safety instructions for using the power tool and ROTO RASP may result in an electric shock, fire or serious personal injury.
- Read the technical specifications of the power angle grinder (power, maximum number of revolutions and class of electric safety).
- ROTO RASP is a tool for grinding soft materials. It is **not** suitable for grinding metal.
  
- Assembly of ROTO RASP on the spindle:
  - a) Before the assembly inspect the ROTO RASP grinding disc for any damages. Do not use cracked or deformed ROTO RASPS.
  - b) Make sure the power angle grinder is disconnected from the mains supply.
  - c) Place the backing flange on the spindle of the power angle grinder.
  - d) Place the ROTO RASP disc on the backing flange and center it. Pay attention to the correct positioning with respect to the curved surface of ROTO RASP.
  - e) Use an adequate flange and wench to tighten the ROTO RASP in the right position. Use only the original flanges and tools for tightening.
  - f) Check whether the wheel safety guard is secured and if necessary tighten it additionally. Do not start the tool without safety parts.
  - g) Use your hand to check whether ROTO RASP can rotate freely.
  - h) Start the power tool for a 30-second trial work and let it come to the maximum number of revolutions. In case of major vibrations or other faults, switch the power tool off immediately and then look for possible causes of vibration.

**WARNING!**

### **Safety instructions**

- Insure enough space for free movement within the working area.
- The working area should be well lit.
- Keep away from flammable liquids, gases or dust.
- Before starting remove any metal objects from the workpiece (nails, screws, hooks etc.).
- Any distractions can result in loss of control over the tool. Keep bystanders away while working with ROTO RASP. Removed particles can fly away and cause injuries even outside the working area.
- Make sure you use protective goggles.
- It is recommended to wear protective clothing as well as protective gloves, mask, ear protection and non-skid footwear.
- If filter bags for vacuuming and catching removed particles can be attached to your power tool, make sure they are installed correctly.
- Dress properly. Loose clothing, long hair or jewellery can be caught in moving parts and cause serious injuries.
- Do not over-estimate your abilities. Take a safe and stable position and keep balance.

- Hold the power tool only for the insulated handles. Due to unforeseen circumstances the supply cord may get damaged or cut.
- Do not force the power tool or ROTO RASP. Pressing the ROTO RASP disc against the workpiece does not increase its efficiency, but unnecessarily raises the temperature. Forced cooling with any types of liquid or oils is not allowed.
- Do not use ROTO RASP while tired, under the influence of drugs, alcohol or medications.
- Do not use worn out or damaged ROTO RASP discs Sharpening grinding blades is not allowed.
- Do not put the power tool down before ROTO RASP has come to a stop. Never use side force to stop rotation of the tool parts.
- ROTO RASP can be hot after use. Do not touch it until it has cooled down.
- ROTO RASP discs can be used only by individuals familiar with working with power tools and aware of potential risks of using rotating grinding discs, as well as with safety instructions.
- ROTO RASP is not intended for use by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of ROTO RASP by a person responsible for their safety.

#### **Care tips**

- Keep ROTO RASP in a dry environment.
- Make sure the blades do not come in contact with metal surfaces.
- Do not place any objects on ROTO RASP discs. Deformed ROTO RASPS must not be used.

#### **Disposal**

ROTO RASP is fully recyclable. It is made of steel tin and polypropylene flange which after separating can be entirely recycled.

#### **WARNING!**

Regularly check your disc. Make sure the teeth are not worn out – using a worn out disc can be dangerous. Blunt teeth may cause disc to break and shatter, more so, if you hit a knot or cracks in wood.

If Roto Rasp gets in contact with metal, concrete or any other hard material, check your disc for damage immediately.

Worn out or damaged discs must not be used.

Never use your angle grinder without a safety guard.