

# ozito

## DRILL DRIVER

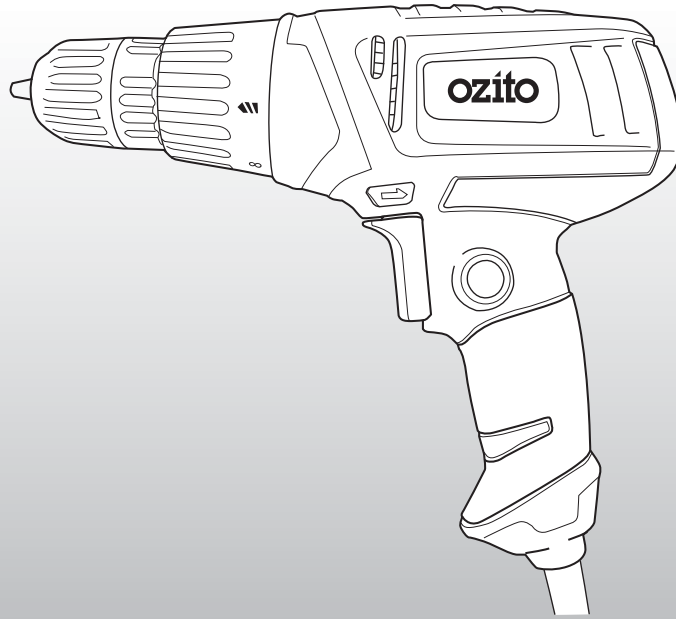
**280W**

### INSTRUCTION MANUAL

#### SPECIFICATIONS

Motor:	280W
Chuck Size:	10mm Keyless
No Load Speed:	0-750/min
Torque Settings:	15
Max Torque:	12Nm
Drilling Capacities:	Timber 25mm Aluminium 8mm Plastic 10mm
Weight:	2kg

[ozito.com.au](http://ozito.com.au)



#### STANDARD EQUIPMENT



Drill Driver

**3** YEAR REPLACEMENT WARRANTY

**DDC-280**

## WARRANTY

IN ORDER TO MAKE A CLAIM UNDER THIS WARRANTY YOU MUST RETURN THE PRODUCT TO YOUR NEAREST BUNNINGS WAREHOUSE WITH YOUR BUNNINGS REGISTER RECEIPT. PRIOR TO RETURNING YOUR PRODUCT FOR WARRANTY PLEASE TELEPHONE OUR CUSTOMER SERVICE HELPLINE:

**Australia 1800 069 486**

**New Zealand 0508 069 486**

TO ENSURE A SPEEDY RESPONSE PLEASE HAVE THE MODEL NUMBER AND DATE OF PURCHASE AVAILABLE. A CUSTOMER SERVICE REPRESENTATIVE WILL TAKE YOUR CALL AND ANSWER ANY QUESTIONS YOU MAY HAVE RELATING TO THE WARRANTY POLICY OR PROCEDURE.

The benefits provided under this warranty are in addition to other rights and remedies which are available to you at law. Our goods come with guarantees that cannot be excluded at law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Generally you will be responsible for all costs associated with a claim under this warranty, however, where you have suffered any additional direct loss as a result of a defective product you may be able to claim such expenses by contacting our customer service helpline above.

### 3 YEAR REPLACEMENT WARRANTY

Your product is guaranteed for a period of **36 months from the original date of purchase** and is intended for DIY (Do It Yourself) use only. If a product is defective it will be replaced in accordance with the terms of this warranty. Warranty excludes consumable parts, for example: carbon brushes etc

### WARNING

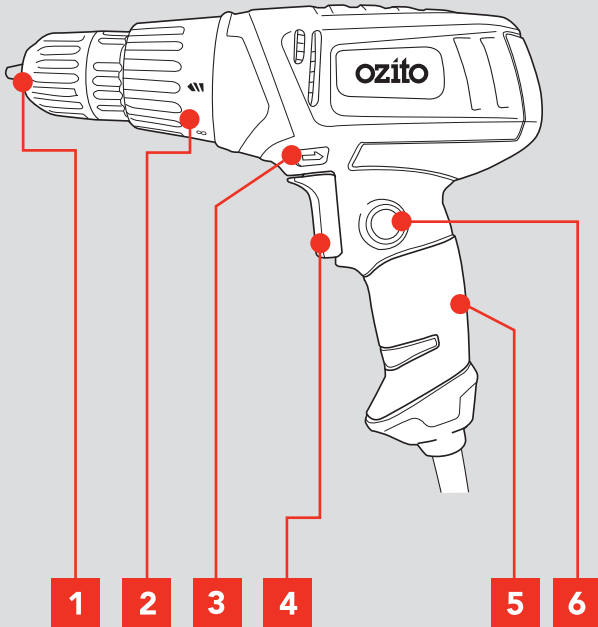
**The following actions will result in the warranty being void.**

- If the tool has been operated on a supply voltage other than that specified on the tool.
- If the tool shows signs of damage or defects caused by or resulting from abuse, accidents or alterations.
- Failure to perform maintenance as set out within the instruction manual.
- If the tool is disassembled or tampered with in any way.
- Professional, industrial or high frequency use.

# KNOW YOUR PRODUCT

## DRIVER DRILL

- |                            |                          |
|----------------------------|--------------------------|
| 1 10mm Keyless Chuck       | 4 Variable Speed Trigger |
| 2 Torque Adjustment Collar | 5 Sure Grip Handle       |
| 3 Forward Reverse Lever    | 6 Lock-on Button         |



## ONLINE MANUAL

Scan this QR Code with your mobile device to take you to the online manual.



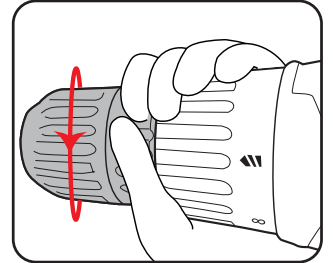
# SETUP & PREPARATION

## 1. KEYLESS CHUCK

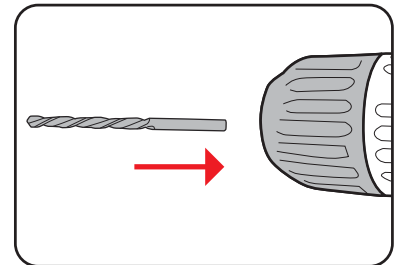
**WARNING!** Ensure the tool is disconnected from the power supply before performing any of the following operations.

### Installing Drill Bits

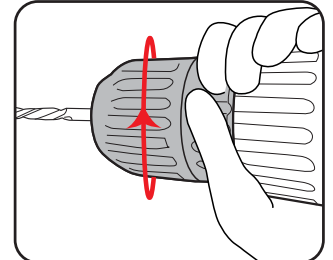
1. Grasp and hold the chuck collar while rotating the front sleeve.



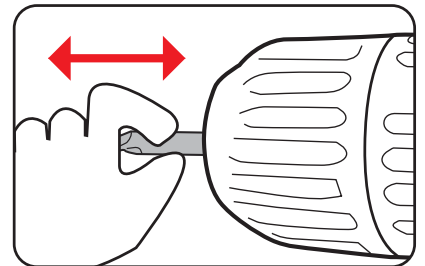
2. Insert the drill bit.



3. Tighten the chuck.

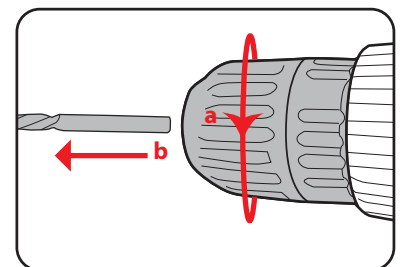


4. Pull the bit to ensure it is firmly secured.



### Removing Drill Bits

1. Open the chuck jaws then pull out the bit.



**3** YEAR REPLACEMENT WARRANTY

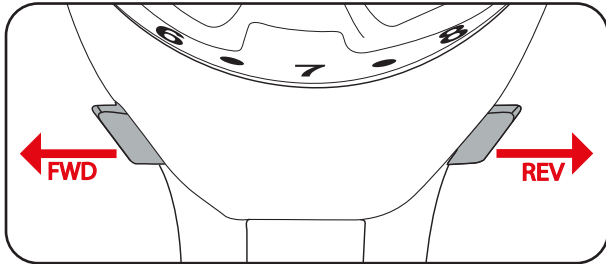
# OPERATION

## 2. CONTROLS

This tool is recommended for use with a residual current device with a rated residual current of 30mA or less.

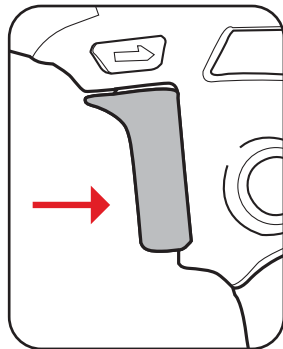
### Forward/ Reverse Lever

1. For forward rotation, push the fwd/rev lever hard left. For reverse rotation push fwd/rev lever hard right.

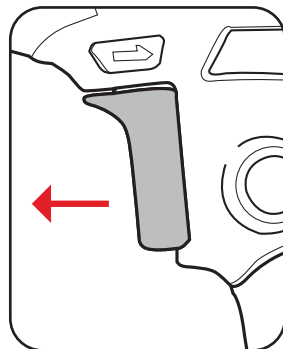


### Variable Speed Trigger

1. To start drilling squeeze the variable speed trigger.



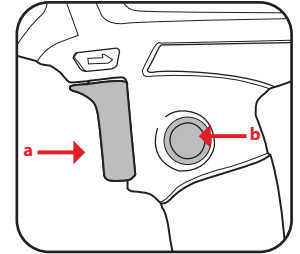
2. To stop drilling release the variable speed trigger.



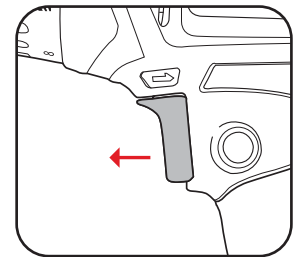
## 3. CONTROLS CONT.

### Lock-On Button

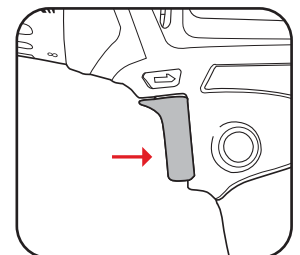
1. Squeeze the variable speed trigger then press the lock-on button.



2. Release the variable speed trigger. The drill will now be locked on for continuous use.

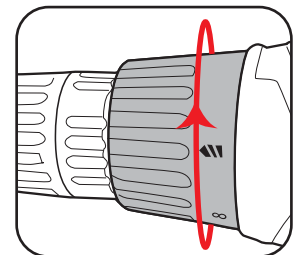


3. Squeeze and release the variable speed trigger to turn off.



### Adjusting Torque

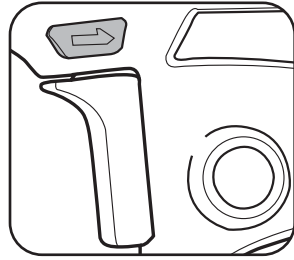
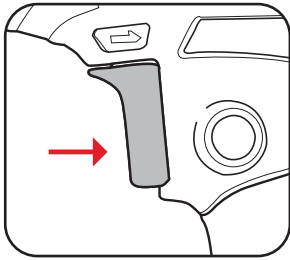
Turn the torque adjustment collar to the desired setting. Refer to Helpful Tips for advice on determining the best setting.



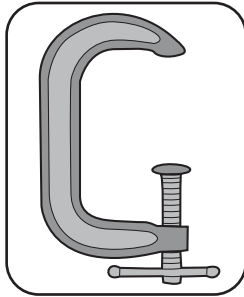
## 4. DRILLING

Before connecting your drill to a power supply, perform a few simple checks.

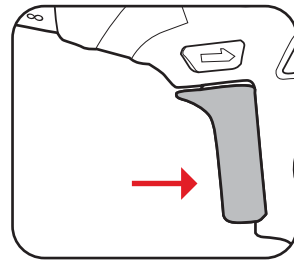
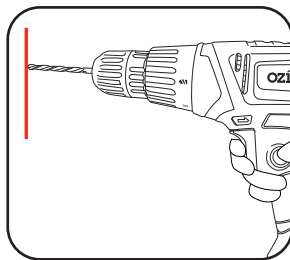
1. Depress and release the variable speed trigger to ensure it is not locked on.
2. Check the forward/reverse lever is on desired setting.



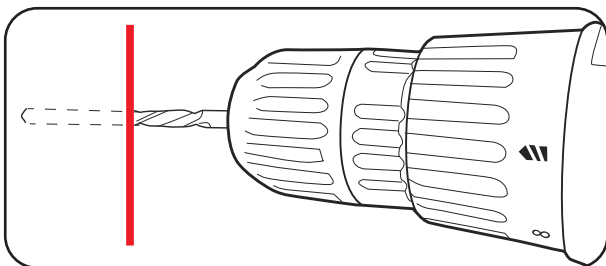
3. Secure the material to be drilled in a vice or clamp.



4. Hold the drill firmly and place the bit at the point to be drilled.
5. Lightly depress the variable speed trigger to start the drill.



6. Move the drill bit into the workpiece.



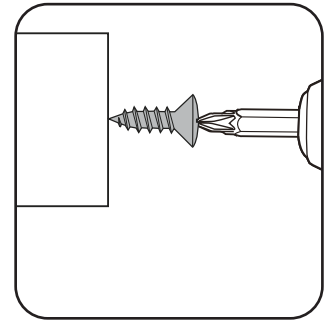
**Note:** Do not force the drill or apply side pressure to elongate the hole. Let the drill do the work.

## 5. HELPFUL TIPS

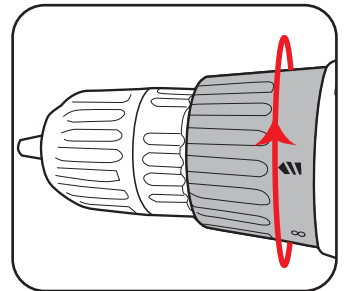
### Drilling to a pre-set depth - Torque Settings

Torque settings can alter the depth to which you can drive screws into a surface. To determine the torque setting required to drive a screw perfectly flush to a work surface, follow the below steps.

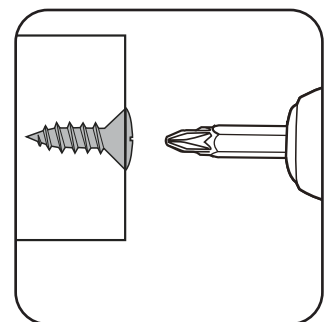
1. Set the torque collar to lowest setting and tighten the first screw.



2. If the clutch ratchets and makes a clicking sound before the screw is flush, increase the collar setting and continue tightening.



3. Repeat until you reach the correct setting/ screw depth. Use this torque setting for the remaining screws.

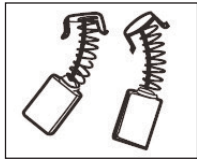


# MAINTENANCE

- Keep the ventilation vents of the drill clean at all times, if possible, prevent foreign matter from entering the vents.
- After each use, blow air through the drill housing to ensure it is free from all dust particles which may build up. Build up of dust particles may cause the drill to overheat and fail.
- If the enclosure of the drill requires cleaning, do not use solvents but a moist soft cloth only. Never let any liquid get inside the drill; never immerse any part of the drill into a liquid.

## Carbon Brushes

When the carbon brushes wear out, the drill will spark and/or stop. Discontinue use as soon as this happens. They should be replaced prior to recommencing use of the drill. Carbon brushes are a wearing component of the drill therefore not covered under warranty. Continuing to use the drill when carbon brushes need to be replaced may cause permanent damage to the drill. Carbon brushes will wear out after many uses but when the carbon brushes need to be replaced, take the drill to an electrician or a power tool repairer for a quick and



low cost replacement. Always replace both carbon brushes at the same time.

*Note: Ozito Industries will not be responsible for any damage or injuries caused by the repair of the drill by an unauthorised person or by mishandling of the drill.*

# TROUBLESHOOTING

## The clutch is disabled

Check the torque adjustment collar. If the collar is aligned with the drill setting, the torque clutch will be disabled.

## Sparking visible through the housing air vents

A small amount of sparking may be visible through the housing vents. This is normal and does not indicate a problem.

## Excessive sparking visible through the housing air vents and/or the drill failing to operate



May indicate the carbon brushes have worn out and need to be replaced. Carbon brushes should only be replaced by a qualified electrician or power tool repairer.

# DESCRIPTION OF SYMBOLS

<b>V</b>	Volts	<b>Hz</b>	Hertz
~	Alternating current	<b>W</b>	Watts
<b>mm</b>	Millimetres		Warning
<b>/min</b>	Revolutions or reciprocation per minute	<b>No</b>	No load speed
	Double insulated		Regulator compliance mark
	Read instructions symbol		Wear ear, eye and respiratory protection

# CARING FOR THE ENVIRONMENT



Power tools that are no longer usable should not be disposed of with household waste but in an environmentally friendly way. Please recycle where facilities exist. Check with your local council authority for recycling advice.



Recycling packaging reduces the need for landfill and raw materials. Reuse of recycled material decreases pollution in the environment. Please recycle packaging where facilities exist. Check with your local council authority for recycling advice.

# SPARE PARTS

Spare parts can be ordered from the Special Orders Desk at your local Bunnings Warehouse.

For further information, or any parts not listed here, visit

[www.ozito.com.au](http://www.ozito.com.au) or contact Ozito Customer Service:

Australia 1800 069 486

New Zealand 0508 069 486

E-mail: [enquiries@ozito.com.au](mailto:enquiries@ozito.com.au)



# ELECTRICAL SAFETY



**WARNING!** When using mains-powered tools, basic safety precautions, including the following, should always be followed to reduce risk of fire, electric shock, personal injury and material damage.

Read the whole manual carefully and make sure you know how to switch the tool off in an emergency, before operating the tool. Save these instructions and other documents supplied with this tool for future reference.

The electric motor has been designed for 230V and 240V only. Always check that the power supply corresponds to the voltage on the rating plate.

Note: The supply of 230V and 240V on Ozito tools are interchangeable for Australia and New Zealand. If the supply cord is damaged, it must be replaced by an electrician or a power tool repairer in order to avoid a hazard.



This tool is double insulated in accordance with AS/NZS 60745-1; therefore no earth wire is required.

**Note:** Double insulation does not take the place of normal safety precautions when operating this

tool. The insulation system is for added protection against injury resulting from a possible electrical insulation failure within the tool.

Recommendations for the use of a residual current device with a rated residual current of 30mA or less.

## Using an Extension Lead

Always use an approved extension lead suitable for the power input of this tool. Before use, inspect the extension lead for signs of damage, wear and ageing. Replace the extension lead if damaged or defective.

When using an extension lead on a reel, always unwind the lead completely. Use of an extension lead not suitable for the power input of the tool or which is damaged or defective may result in a risk of fire and electric shock. It is recommended that the extension lead is a maximum of 25m in length. Do Not use multiple extension leads.



# 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 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

- 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.
- 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.
- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- 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.
- 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.
- 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

- 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.
- 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.
- 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.
- 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.

- Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
  - 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.
  - 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
- 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.
  - 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.
  - 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.
  - 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.
  - 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.
  - Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
  - 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
- 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.
  - 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.



# DRILL DRIVER SAFETY WARNINGS



**WARNING!** The appliance is not to be used 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. Young children should be supervised to ensure that they do not play with the appliance.

- Use auxiliary handle(s), if supplied with the tool. Loss of control can cause personal injury.
- Hold power tool by insulated gripping surfaces, 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.
- Before drilling into walls, ceilings etc, ensure there are no concealed power cables or pipes in the cavity.
- Always use the side handle, this gives you greater control if the accessory should become jammed.
- Keep the cord clear of the accessory being used, do not wrap the cord around your arm or wrist.
- Never operate at higher speed than the maximum speed rating of the drill bit. At higher speeds, the bit is likely to bend if allowed to rotate freely without contacting the workpiece, resulting in personal injury.
- Always start drilling at low speed and with the bit tip in contact with the workpiece. At higher speeds, the bit is likely to bend if allowed to rotate freely without contacting the workpiece, resulting in personal injury.



**Apply pressure only in direct line with the bit and do not apply excessive pressure.** Bits can bend causing breakage or loss of control, resulting in personal injury.

**WARNING!** Some dust created by power sanding, sawing, grinding, drilling and other construction activities contain chemicals known to cause cancer, birth defects or other reproductive harm.

Some examples of these chemicals are:

- Lead from lead-based paints;
- Crystalline silica from bricks, cement and other masonry products, and;
- Arsenic and chromium from chemically-treated timber.

Your risk from exposure to these chemicals varies, depending on how often you do this type of work. To reduce your exposure to these chemicals; work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specifically designed to filter out microscopic particles.

Always wear eye protection and a dust mask for dusty applications and when drilling/chiselling overhead. Sanding particles can be absorbed by your eyes and inhaled easily and may cause health complications.