

**POWERPREP  
EPO180H  
Surfacer & Paint  
Stripper  
User & Safety  
Instructions**

## **SAFETY INSTRUCTIONS**

Regularly check the electrical cable, plug and switch for damage; have any repairs done before use; minor electrical faults may cause electrical hazards and are the most common cause of service problems

Check that the electrical supply is right for the power tool voltage; a 110 volt power tool requires a transformer; a 240 volt power tool should be used with a residual current device (RCD)

Observe site electrical rules; most building sites are strictly 110 volt

Ensure the cable feeds away from the power tool attachment when in use; do not trail the electric cable across another worker's area

Don't put the power tool down until the attachment has stopped turning

Always unplug power tool when not in use; never carry the power tool with finger on the trigger; do not lift, drag or pull power tool by the cable

Do not use the electric power tool in the rain or wet conditions

Do not use the power tool near flammable materials

Stop use if there are any signs of electrical faults or unusual noises, sparking, overheating or overloading

Do not replace the short flex from the power tool with a longer cable; keep extension cables as short as possible; ensure cables are not left coiled on a reel; cables, extension cables should be suitable for site and external use

Do not repeatedly trigger power tool on and off; do not use the soft start switch to run the power tool at reduced speeds for extended periods

Do not earth power tool, it is double insulated

Repairs must be carried out by a recognised power tool repair agent

Take care not to accidentally start power tool; unplug power tool before changing discs or heads, maintaining or cleaning the power tool

## **SAFETY INSTRUCTIONS – USE**

Conform to paint manufacturers recommended work methods; observe Health & Safety and COSHH recommendations

Be aware that some surfaces contain harmful substances including asbestos; if in doubt get specialist advice

Wear dust masks, gloves and eye protection; work in a well ventilated area

Dust extraction is recommended for most internal and external work; dust extraction gives a safer and cleaner working environment; it protects the user's and other workers safety; it prolongs the life of the power tool motor

Do not force the power tool; let the abrasive disc or head do the work

Conform to Health & Safety and COSHH recommendations

# REFINA POWER TOOLS & EQUIPMENT

Do not use the electric power tools near flammable substances or in explosive environments

Do not let fluid, solids or debris from work get into motor or electrical components

Do not force the power tool; let the disc or head do the work

Always unplug the power tool before changing discs, heads and cutters or undertaking any maintenance of the power tool

Keep the vent holes in the motor housing clean and clear of dust and debris

If working on an external building structure, internal wall or ceiling, ensure your footing is secure; for upper wall surfaces and working above ground level, check that access equipment is secure and stable

Never over stretch when using a power tool; observe supplier's safety guide if working on a ladder

Do not put your hands near the power tool attachment or work area when in use; never carry the power tool by the attachment

## **ASSEMBLY OF POWER TOOL**

All POWERPREP power tools are supplied assembled and ready for use

Ensure power tool is unplugged before changing discs or doing any alterations or maintenance

## **USE**

Check that the power tool on/off switch is kept clean and that the lock button freely disengages

Hold power tool firmly with both hands when operating

Do not overload or lean excessively the power tool

Do not start the power tool under load; let it get up to speed before contact with work surface

Check on/off switch is in 'off' position, i.e. not locked down, before plugging in at transformer (110 volt) or residual current device (230 volt)

## **POWERPREP SPEED CONTROL**

POWERPREP surfacers are fitted with a soft start and variable speed control. Allow the soft start to run up to the required speed before starting on the work surface

Use the slower speed settings for finishing and controlled work; use the faster speeds for quicker surface removal

When running the POWERPREP at slower speeds the disc or head can be used flat to the surface like an orbital disc sander; at faster speeds the power tool should be used at a slight angle

The speed is changed by turning the orange disc on the handle

## **EPO180H-ATX 7" SURFACER & PAINT STRIPPER**

The 7" stripper with ATX-P7 webbed disc is for cleaning waterbased paints including Artex, Portaflec and emulsion from surfaces like plasterboard, plaster without damaging the surface underneath; the discs will also work well cleaning hard surfaces like smooth brick, stone and trowelled concrete

For fast surface removal, use the power tool at maximum speed and the disc at a slight angle. For finishing and smoothing use a slower speed and the disc at a flatter angle

## **REPLACEMENT DISCS**

ATX-P7 hard back 7" disc: main applications - stripping water based paint, artex, coatings and graffiti from flat & smooth surfaces including plasterboard, brick, concrete, stone and wood; the discs will not damage surfaces like plasterboard. These discs do not last well on abrasive paints like sand finish paint, rough surfaced render, concrete, stone or brick

ZEC-Z7 ribbed hard back 7" disc: main applications - surface grinding & facing concrete and render, removing hard coatings and membranes; also oil based paints, bitumens and adhesives; grit: 10, 16, 24, 36, 60

Diamond 7" disc: main applications - grinding off hard surfaces, coatings floor paints and latex

Tungsten chip coated steel 7" disc: main applications - abrading concrete & stone; fine, medium & coarse tungsten grit

There is also a range of 7" discs for use with a backing pad including: ATX web disc for cleaning off paint & varnish, sanding discs for wood & paint, ZEC disc for terrazzo & stone, scotch type cleaning discs, lambs wool bonnet for polishing stone, grp & metal

## **ADDITIONAL PREP HEADS**

The EPO180 can also be fitted with scabbling heads or wire cup brushes

## **FITTING DISCS**

To fit a hard backed disc, fit lock nut base to power tool spindle with slot facing towards power tool; locate disc, screw on lock nut and tighten using pin spanner

If use fibre backed or sanding discs fit a flexible backing pad

## **FITTING A DUSTHOOD**

To fit a dusthood to EPO180 models, first remove the disc with the spanner provided; put power tool on flat surface, slide dust hood onto the power tool collar with the hose outlet pointing to the side or backwards; tighten collar with key

## **DUST EXTRACTION VACS**

Select a dust extraction vac that is suitable for continuous use collecting fine paint residues and concrete dust

See list of Refina accessories for a recommended dust control unit

## **PREVENTATIVE MAINTENANCE & REPAIR**

Check daily electric connections, plugs and cable for signs of wear

The majority of faults with power tools occur before the motor ie problems with plug, cable and switch

Keep on/off switch clean; dust and dirt in the switch will cause power tool to fail

Check the rotor brushes regularly; replace in pairs when worn down to 5mm; have the power tool serviced if there are any signs of sparking in the motor

Keep the power tool well maintained and have it serviced at the first signs of running problems or noises

Blow air through vents on power tool with compressed air regularly (use garage forecourt supply if compressor not available); if there is any material build up on the motor your warranty could be invalidated

Do not clean or maintain power tool while it is plugged in

Do not cover or restrict air vents on motor casing

Never attempt to open up main body of power tool motor or gearbox; this will invalidate your warranty

**All repairs, service and maintenance must be carried out by an approved power tool repair workshop. Contact REFINA Ltd by telephone 01202 632270 or fax 01202 632432, for either warranty or service advice**

## **CE – DECLARATION OF CONFORMITY**

The product conforms to the basic requirements of the relevant EC directives. A conformity assessment method as provided for in the directives has been performed

Designation of equipment: EPO180H, EPO180B

For verification in accordance with low-voltage directive 73/23/EWG, the following standards were applied.

DIN VDE 0740 T.1/04.81 + A1/07.82 + A2/10.93

+ T.21/01.94, prEN 50144, HD 400,

E DIN VDE 0740-505/12.92 (IEC 61 F(CO) 89),

VBG4, VBG5

For verification in accordance with EMC-directive 89/336/EWG the following standards were applied.

EN 61000-3, EN 50082-1:19921,

EN 55014:1993, prEN 55014-2:05.94

EN 55104:1995

The company shall keep the following technical documentation in readiness for inspection: operating instructions, design diagrams, test documents

## **GUARANTEE**

The power tool is guaranteed one year from the date of purchase; the invoice for the purchase of the power tool serves as your proof of purchase and starting date for the guarantee